

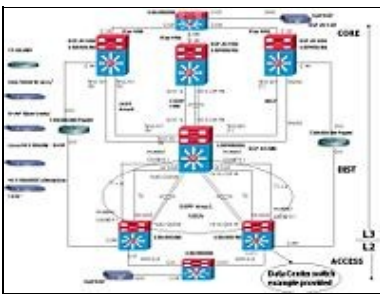
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## Introduction

This example shows the configuration of a data center switch (Catalyst 6K) deployed as an aggregation for multiple switches typically in campus environment.

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## Configuration Description

This configuration includes features that are typically enabled in a campus environment, including:

- DHCP
- VLANs
- AAA (Radius)
- Spanning tree
- Flexible netflow
- Multicast
- BGP
- OSPF
- PBR
- QoS
- Access lists
- IPv6
- EIGRP
- Port channel
- Routing filters
- wccp

## Show running-config

```
Current configuration : 220843 bytes
!
! Last configuration change at 01:33:09 EST Wed Jul 14 2010 by nsite
! NVRAM config last updated at 12:38:27 EST Fri Jul 9 2010 by nsite
!
version 12.2
upgrade fpd auto
service timestamps debug datetime msec localtime show-timezone
service timestamps log datetime msec localtime show-timezone
service password-encryption
service internal
service compress-config
service counters max age 5
!
hostname 6509-CC2201
!
boot-start-marker
boot system flash disk0:s2t54-adventerprisek9_wan_dbg-mz.SSA.122-49.XJR28.74_100627
boot-end-marker
!
!
logging buffered 2326348
no logging console
no logging cns-events
enable password 7 1042081B
!
aaa new-model
!
!
aaa authentication login default group tacacs+ enable
aaa authentication dot1x default group radius
aaa authorization config-commands
aaa authorization exec default group tacacs+ none
aaa authorization commands 1 default group tacacs+ none
aaa authorization commands 15 default group tacacs+ none
```

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
aaa accounting send stop-record authentication failure
aaa accounting exec default start-stop group tacacs+
aaa accounting commands 1 default start-stop group tacacs+
aaa accounting commands 15 default start-stop group tacacs+
aaa accounting connection default start-stop group tacacs+
aaa accounting system default start-stop group tacacs+
!
!
!
aaa session-id common
platform ip cef load-sharing ip-only
platform qos aggregate-policer RT 330000 1031250 1031250 conform-action transmit exceed-action dro
platform qos aggregate-policer Video 200000 625000 625000 conform-action transmit exceed-action dro
platform qos aggregate-policer Mission-Critical 250000 781250 781250 conform-action transmit excee
platform qos aggregate-policer Call-Control 50000 156250 156250 conform-action transmit exceed-act
platform rate-limit unicast ip options pkt 100 burst 1000000
clock timezone EDT -4
clock summer-time EST recurring
!
flow record basic
 match ipv4 dscp
 match ipv4 source address
 match ipv4 destination address
 match interface input
 collect transport tcp flags
 collect counter bytes
 collect counter packets
 collect timestamp sys-uptime first
 collect timestamp sys-uptime last
!
!
flow record basic1
 match ipv4 dscp
 match ipv4 source address
 match ipv4 destination address
 collect transport tcp flags
 collect counter bytes
 collect counter packets
 collect timestamp sys-uptime first
 collect timestamp sys-uptime last
!
!
flow record channel
 match ipv4 protocol
 match ipv4 source address
 match ipv4 destination address
 match transport source-port
 match transport destination-port
 collect ipv4 source mask
 collect ipv4 destination mask
 collect transport tcp flags
 collect counter bytes
 collect counter packets
 collect timestamp sys-uptime first
 collect timestamp sys-uptime last
!
!
flow record basic4
 match interface input
!
!
flow record basic3
 match ipv4 dscp
 match ipv4 source address
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
match ipv4 destination address
match interface input
collect transport tcp flags
collect counter bytes
collect counter packets
collect timestamp sys-uptime first
collect timestamp sys-uptime last
!
!
flow exporter basic
  destination 10.5.1.24
  transport udp 2100
!
!
flow exporter basic2
  destination 10.5.1.24
  transport udp 2200
  export-protocol netflow-v5
!
!
flow monitor basic
  record basic
  exporter basic
!
!
flow monitor basic1
  record basic1
  exporter basic
!
!
flow monitor channel
  record channel
!
!
flow monitor basic4
  record basic4
!
!
flow monitor basic3
  record basic3
  cache timeout inactive 1
  cache timeout active 120
  cache entries 1000
!
!
flow monitor chan
!
flow hardware export threshold 40
!
ip vrf test
  rd 100:10
!
!
!
!
no ip domain-lookup
ip domain-name nsite
ip host stubbs 10.5.1.3
ip host linden 10.5.1.4
ip host itc-server1 10.29.9.13
ip multicast-routing
ip wccp web-cache redirect-list wccp
ip wccp 60
ip wccp 92
```

Show running-config



## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
ip ftp username nsite  
ip ftp password 7 0507070D  
ip ssh time-out 60  
ip ssh version 2  
!  
class-map match-all class-copp-ingress-acl-reflexive  
  match any  
class-map match-all class-copp-icmp-redirect-unreachable  
  match any  
class-map match-all class-copp-glean  
  match any  
class-map match-any RT  
  match ip dscp ef  
  match ip dscp af41 af42  
class-map match-all class-copp-receive  
  match any  
class-map match-any CS3_marking  
  match access-group 103  
class-map match-any CS4_marking  
  match access-group 184  
class-map match-all RT_Voice  
  match access-group 102  
class-map match-all class-copp-options  
  match any  
class-map match-all class-copp-broadcast  
  match any  
class-map match-all class-copp-mcast-acl-bridged  
  match any  
class-map match-all class-copp-slb  
  match any  
class-map match-all class-copp-mtu-fail  
  match any  
class-map match-all class-copp-ttl-fail  
  match any  
class-map match-all class-copp-arp-snooping  
  match any  
class-map match-all class-copp-mcast-copy  
  match any  
class-map match-any AF41_marking  
  match access-group 187  
class-map match-all class-copp-ip-connected  
  match any  
class-map match-any EF_marking  
  match access-group 185  
  match access-group 187  
class-map match-any class-copp-match-igmp  
  match access-group name acl-copp-match-igmp  
class-map match-all AF31_marking  
  match access-group 102  
class-map match-all class-copp-unknown-protocol  
  match any  
class-map match-all class-copp-vacl-log  
  match any  
class-map match-all class-copp-mcast-ipv6-control  
  match any  
class-map match-any class-copp-match-pimv6-data  
  match access-group name acl-copp-match-pimv6-data  
class-map match-all class-copp-unsupp-rewrite  
  match any  
class-map match-all class-copp-mcast-punt  
  match any  
class-map match-all class-copp-ucast-egress-acl-bridged  
  match any
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
class-map match-all class-copp-ip-admission
  match any
class-map match-all class-copp-service-insertion
  match any
class-map match-all VIDEO
  match ip dscp cs4
class-map match-all class-copp-mac-pbf
  match any
class-map match-any class-copp-match-mld
  match access-group name acl-copp-match-mld
class-map match-all class-copp-ucast-ingress-acl-bridged
  match any
class-map match-all class-copp-dhcp-snooping
  match any
class-map match-all class-copp-egress-acl-reflexive
  match any
class-map match-all class-copp-wccp
  match any
class-map match-all class-copp-nd
  match any
class-map match-all CALL-CONTROL
  match ip dscp af31
class-map match-all class-copp-ipv6-connected
  match any
class-map match-any MISSION-CRITICAL
  match ip dscp cs3
class-map match-all class-copp-mcast-rpf-fail
  match any
class-map match-all class-copp-ucast-rpf-fail
  match any
class-map match-all class-copp-mcast-ip-control
  match any
class-map match-any class-copp-match-pim-data
  match access-group name acl-copp-match-pim-data
class-map match-any class-copp-match-ndv6
  match access-group name acl-copp-match-ndv6
class-map match-all class-copp-bridge
  match any
!
!
policy-map Campus-Police
  class RT
    police aggregate Call-Control
policy-map Campus-Edge
  class AF31_marking
    set ip dscp default
policy-map policy-default-autocopp
  class class-copp-icmp-redirect-unreachable
    police rate 1000 pps burst 1000 packets
    conform-action transmit
    exceed-action drop
!
!
!
!
!
!
!
interface Loopback1
  ip address 9.0.22.1 255.255.255.255
!
interface Loopback200
  ip address 29.0.6.4 255.255.255.255
!
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface Loopback300
 ip address 49.0.0.1 255.255.255.255
!
interface Loopback301
 ip address 49.0.0.2 255.255.255.255
!
interface Loopback302
 ip address 49.0.0.3 255.255.255.255
!
interface Loopback303
 ip address 49.0.0.4 255.255.255.255
!
interface Loopback304
 ip address 49.0.0.5 255.255.255.255
!
interface Loopback305
 ip address 49.0.0.6 255.255.255.255
!
interface Loopback306
 ip address 49.0.0.7 255.255.255.255
!
interface Loopback307
 ip address 49.0.0.8 255.255.255.255
!
interface Loopback308
 ip address 49.0.0.9 255.255.255.255
!
interface Loopback309
 ip address 49.0.1.1 255.255.255.255
!
interface Loopback310
 ip address 49.0.1.2 255.255.255.255
!
interface Loopback311
 ip address 49.0.1.3 255.255.255.255
!
interface Loopback312
 ip address 49.0.1.4 255.255.255.255
!
interface Loopback313
 ip address 49.0.1.5 255.255.255.255
!
interface Loopback314
 ip address 49.0.1.6 255.255.255.255
!
interface Loopback315
 ip address 49.0.1.7 255.255.255.255
!
interface Loopback316
 ip address 49.0.1.8 255.255.255.255
!
interface Loopback317
 ip address 49.0.1.9 255.255.255.255
!
interface Loopback318
 ip address 49.0.2.1 255.255.255.255
!
interface Loopback319
 ip address 49.0.2.2 255.255.255.255
!
interface Loopback320
 ip address 49.0.2.3 255.255.255.255
!
interface Loopback321
```

Show running-config



## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip address 49.0.2.4 255.255.255.255
!
interface Loopback322
ip address 49.0.2.5 255.255.255.255
!
interface Loopback323
ip address 49.0.2.6 255.255.255.255
!
interface Loopback324
ip address 49.0.2.7 255.255.255.255
!
interface Loopback325
ip address 49.0.2.8 255.255.255.255
!
interface Loopback326
ip address 49.0.2.9 255.255.255.255
!
interface Loopback327
ip address 49.0.3.1 255.255.255.255
!
interface Loopback328
ip address 49.0.3.2 255.255.255.255
!
interface Loopback329
ip address 49.0.3.3 255.255.255.255
!
interface Loopback330
ip address 49.0.3.4 255.255.255.255
!
interface Loopback331
ip address 49.0.3.5 255.255.255.255
!
interface Loopback332
ip address 49.0.3.6 255.255.255.255
!
interface Loopback333
ip address 49.0.3.7 255.255.255.255
!
interface Loopback334
ip address 49.0.3.8 255.255.255.255
!
interface Loopback335
ip address 49.0.3.9 255.255.255.255
!
interface Loopback336
ip address 49.0.4.1 255.255.255.255
!
interface Loopback337
ip address 49.0.4.2 255.255.255.255
!
interface Loopback338
ip address 49.0.4.3 255.255.255.255
!
interface Loopback339
ip address 49.0.4.4 255.255.255.255
!
interface Loopback340
ip address 49.0.4.5 255.255.255.255
!
interface Loopback341
ip address 49.0.4.6 255.255.255.255
!
interface Loopback342
ip address 49.0.4.7 255.255.255.255
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Loopback343  
  ip address 49.0.4.8 255.255.255.255  
!  
interface Loopback344  
  ip address 49.0.4.9 255.255.255.255  
!  
interface Loopback345  
  ip address 49.0.5.1 255.255.255.255  
!  
interface Loopback346  
  ip address 49.0.5.2 255.255.255.255  
!  
interface Loopback347  
  ip address 49.0.5.3 255.255.255.255  
!  
interface Loopback348  
  ip address 49.0.5.4 255.255.255.255  
!  
interface Loopback349  
  ip address 49.0.5.5 255.255.255.255  
!  
interface Loopback350  
  ip address 49.0.5.6 255.255.255.255  
!  
interface Loopback351  
  ip address 49.0.5.7 255.255.255.255  
!  
interface Loopback352  
  ip address 49.0.5.8 255.255.255.255  
!  
interface Loopback353  
  ip address 49.0.5.9 255.255.255.255  
!  
interface Loopback354  
  ip address 49.0.6.1 255.255.255.255  
!  
interface Loopback355  
  ip address 49.0.6.2 255.255.255.255  
!  
interface Loopback356  
  ip address 49.0.6.3 255.255.255.255  
!  
interface Loopback357  
  ip address 49.0.6.4 255.255.255.255  
!  
interface Loopback358  
  ip address 49.0.6.5 255.255.255.255  
!  
interface Loopback359  
  ip address 49.0.6.6 255.255.255.255  
!  
interface Loopback360  
  ip address 49.0.6.7 255.255.255.255  
!  
interface Loopback361  
  ip address 49.0.6.8 255.255.255.255  
!  
interface Loopback362  
  ip address 49.0.6.9 255.255.255.255  
!  
interface Loopback363  
  ip address 49.0.7.1 255.255.255.255  
!
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface Loopback364
 ip address 49.0.7.2 255.255.255.255
!
interface Loopback365
 ip address 49.0.7.3 255.255.255.255
!
interface Loopback366
 ip address 49.0.7.4 255.255.255.255
!
interface Loopback367
 ip address 49.0.7.5 255.255.255.255
!
interface Loopback368
 ip address 49.0.7.6 255.255.255.255
!
interface Loopback369
 ip address 49.0.7.7 255.255.255.255
!
interface Loopback370
 ip address 49.0.7.8 255.255.255.255
!
interface Loopback371
 ip address 49.0.7.9 255.255.255.255
!
interface Loopback372
 ip address 49.0.8.1 255.255.255.255
!
interface Loopback373
 ip address 49.0.8.2 255.255.255.255
!
interface Loopback374
 ip address 49.0.8.3 255.255.255.255
!
interface Loopback375
 ip address 49.0.8.4 255.255.255.255
!
interface Loopback376
 ip address 49.0.8.5 255.255.255.255
!
interface Loopback377
 ip address 49.0.8.6 255.255.255.255
!
interface Loopback378
 ip address 49.0.8.7 255.255.255.255
!
interface Loopback379
 ip address 49.0.8.8 255.255.255.255
!
interface Loopback380
 ip address 49.0.8.9 255.255.255.255
!
interface Loopback381
 ip address 49.0.9.1 255.255.255.255
!
interface Loopback382
 ip address 49.0.9.2 255.255.255.255
!
interface Loopback383
 ip address 49.0.9.3 255.255.255.255
!
interface Loopback384
 ip address 49.0.9.4 255.255.255.255
!
interface Loopback385
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip address 49.0.9.5 255.255.255.255
!
interface Loopback386
ip address 49.0.9.6 255.255.255.255
!
interface Loopback387
ip address 49.0.9.7 255.255.255.255
!
interface Loopback388
ip address 49.0.9.8 255.255.255.255
!
interface Loopback389
ip address 49.0.9.9 255.255.255.255
!
interface Port-channel200
mtu 9216
no ip address
load-interval 30
platform qos trust none remark
ipv6 address 192:168:0:200::1/120
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
!
interface Port-channel200.2700
encapsulation dot1Q 2700
ip address 192.168.0.1 255.255.255.252
ip flow monitor channel input
ipv6 address 192:168:0:1::1/120
!
interface Port-channel200.2701
encapsulation dot1Q 2701
ip address 192.168.0.5 255.255.255.252
ipv6 address 192:168:0:5::1/120
!
interface Port-channel200.2702
encapsulation dot1Q 2702
ip address 192.168.0.9 255.255.255.252
ipv6 address 192:168:0:9::1/120
!
interface Port-channel200.2703
encapsulation dot1Q 2703
ip address 192.168.0.13 255.255.255.252
ipv6 address 192:168:0:13::1/120
!
interface Port-channel200.2704
encapsulation dot1Q 2704
ip address 192.168.0.17 255.255.255.252
ipv6 address 192:168:0:17::1/120
!
interface Port-channel200.2705
encapsulation dot1Q 2705
ip address 192.168.0.21 255.255.255.252
ipv6 address 192:168:0:21::1/120
!
interface Port-channel200.2706
encapsulation dot1Q 2706
ip address 192.168.0.25 255.255.255.252
ipv6 address 192:168:0:25::1/120
!
interface Port-channel200.2707
encapsulation dot1Q 2707
ip address 192.168.0.29 255.255.255.252
ipv6 address 192:168:0:29::1/120
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Port-channel200.2708  
  encapsulation dot1Q 2708  
  ip address 192.168.0.33 255.255.255.252  
  ipv6 address 192:168:0:33::1/120  
!  
interface Port-channel200.2709  
  encapsulation dot1Q 2709  
  ip address 192.168.0.37 255.255.255.252  
  ipv6 address 192:168:0:37::1/120  
!  
interface Port-channel200.2710  
  encapsulation dot1Q 2710  
  ip address 192.168.0.41 255.255.255.252  
  ipv6 address 192:168:0:41::1/120  
!  
interface Port-channel200.2711  
  encapsulation dot1Q 2711  
  ip address 192.168.0.45 255.255.255.252  
  ipv6 address 192:168:0:45::1/120  
!  
interface Port-channel200.2712  
  encapsulation dot1Q 2712  
  ip address 192.168.0.49 255.255.255.252  
!  
interface Port-channel200.2713  
  encapsulation dot1Q 2713  
  ip address 192.168.0.53 255.255.255.252  
!  
interface Port-channel200.2714  
  encapsulation dot1Q 2714  
  ip address 192.168.0.57 255.255.255.252  
!  
interface Port-channel200.2715  
  encapsulation dot1Q 2715  
  ip address 192.168.0.61 255.255.255.252  
!  
interface Port-channel200.2716  
  encapsulation dot1Q 2716  
  ip address 192.168.0.65 255.255.255.252  
!  
interface Port-channel200.2717  
  encapsulation dot1Q 2717  
  ip address 192.168.0.69 255.255.255.252  
!  
interface Port-channel200.2718  
  encapsulation dot1Q 2718  
  ip address 192.168.0.73 255.255.255.252  
!  
interface Port-channel200.2719  
  encapsulation dot1Q 2719  
  ip address 192.168.0.77 255.255.255.252  
!  
interface Port-channel200.2720  
  encapsulation dot1Q 2720  
  ip address 192.168.0.81 255.255.255.252  
!  
interface Port-channel200.2721  
  encapsulation dot1Q 2721  
  ip address 192.168.0.85 255.255.255.252  
!  
interface Port-channel200.2722  
  encapsulation dot1Q 2722  
  ip address 192.168.0.89 255.255.255.252
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Port-channel200.2723  
  encapsulation dot1Q 2723  
  ip address 192.168.0.93 255.255.255.252  
!  
interface Port-channel200.2724  
  encapsulation dot1Q 2724  
  ip address 192.168.0.97 255.255.255.252  
!  
interface Port-channel200.2725  
  encapsulation dot1Q 2725  
  ip address 192.168.0.101 255.255.255.252  
!  
interface Port-channel200.2726  
  encapsulation dot1Q 2726  
  ip address 192.168.0.105 255.255.255.252  
!  
interface Port-channel200.2727  
  encapsulation dot1Q 2727  
  ip address 192.168.0.109 255.255.255.252  
!  
interface Port-channel200.2728  
  encapsulation dot1Q 2728  
  ip address 192.168.0.113 255.255.255.252  
!  
interface Port-channel200.2729  
  encapsulation dot1Q 2729  
  ip address 192.168.0.117 255.255.255.252  
!  
interface Port-channel200.2730  
  encapsulation dot1Q 2730  
  ip address 192.168.0.121 255.255.255.252  
!  
interface Port-channel200.2731  
  encapsulation dot1Q 2731  
  ip address 192.168.0.125 255.255.255.252  
!  
interface Port-channel200.2732  
  encapsulation dot1Q 2732  
  ip address 192.168.0.129 255.255.255.252  
!  
interface Port-channel200.2733  
  encapsulation dot1Q 2733  
  ip address 192.168.0.133 255.255.255.252  
!  
interface Port-channel200.2734  
  encapsulation dot1Q 2734  
  ip address 192.168.0.137 255.255.255.252  
!  
interface Port-channel200.2735  
  encapsulation dot1Q 2735  
  ip address 192.168.0.141 255.255.255.252  
!  
interface Port-channel200.2736  
  encapsulation dot1Q 2736  
  ip address 192.168.0.145 255.255.255.252  
!  
interface Port-channel200.2737  
  encapsulation dot1Q 2737  
  ip address 192.168.0.149 255.255.255.252  
!  
interface Port-channel200.2738  
  encapsulation dot1Q 2738  
  ip address 192.168.0.153 255.255.255.252
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Port-channel200.2739  
  encapsulation dot1Q 2739  
  ip address 192.168.0.157 255.255.255.252  
!  
interface Port-channel200.2740  
  encapsulation dot1Q 2740  
  ip address 192.168.0.161 255.255.255.252  
!  
interface Port-channel200.2741  
  encapsulation dot1Q 2741  
  ip address 192.168.0.165 255.255.255.252  
!  
interface Port-channel200.2742  
  encapsulation dot1Q 2742  
  ip address 192.168.0.169 255.255.255.252  
!  
interface Port-channel200.2743  
  encapsulation dot1Q 2743  
  ip address 192.168.0.173 255.255.255.252  
!  
interface Port-channel200.2744  
  encapsulation dot1Q 2744  
  ip address 192.168.0.177 255.255.255.252  
!  
interface Port-channel200.2745  
  encapsulation dot1Q 2745  
  ip address 192.168.0.181 255.255.255.252  
!  
interface Port-channel200.2746  
  encapsulation dot1Q 2746  
  ip address 192.168.0.185 255.255.255.252  
!  
interface Port-channel200.2747  
  encapsulation dot1Q 2747  
  ip address 192.168.0.189 255.255.255.252  
!  
interface Port-channel200.2748  
  encapsulation dot1Q 2748  
  ip address 192.168.0.193 255.255.255.252  
!  
interface Port-channel200.2749  
  encapsulation dot1Q 2749  
  ip address 192.168.0.197 255.255.255.252  
!  
interface Port-channel200.2750  
  encapsulation dot1Q 2750  
  ip address 192.168.0.201 255.255.255.252  
!  
interface Port-channel200.2751  
  encapsulation dot1Q 2751  
  ip address 192.168.0.205 255.255.255.252  
!  
interface Port-channel200.2752  
  encapsulation dot1Q 2752  
  ip address 192.168.0.209 255.255.255.252  
!  
interface Port-channel200.2753  
  encapsulation dot1Q 2753  
  ip address 192.168.0.213 255.255.255.252  
!  
interface Port-channel200.2754  
  encapsulation dot1Q 2754  
  ip address 192.168.0.217 255.255.255.252
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Port-channel200.2755  
  encapsulation dot1Q 2755  
  ip address 192.168.0.221 255.255.255.252  
!  
interface Port-channel200.2756  
  encapsulation dot1Q 2756  
  ip address 192.168.0.225 255.255.255.252  
!  
interface Port-channel200.2757  
  encapsulation dot1Q 2757  
  ip address 192.168.0.229 255.255.255.252  
!  
interface Port-channel200.2758  
  encapsulation dot1Q 2758  
  ip address 192.168.0.233 255.255.255.252  
!  
interface Port-channel200.2759  
  encapsulation dot1Q 2759  
  ip address 192.168.0.237 255.255.255.252  
!  
interface Port-channel200.2760  
  encapsulation dot1Q 2760  
  ip address 192.168.0.241 255.255.255.252  
!  
interface Port-channel200.2761  
  encapsulation dot1Q 2761  
  ip address 192.168.0.245 255.255.255.252  
!  
interface Port-channel200.2762  
  encapsulation dot1Q 2762  
  ip address 192.168.0.249 255.255.255.252  
!  
interface Port-channel200.2763  
  encapsulation dot1Q 2763  
  ip address 192.168.0.253 255.255.255.252  
!  
interface Port-channel200.2764  
  encapsulation dot1Q 2764  
  ip address 192.168.1.1 255.255.255.252  
!  
interface Port-channel200.2765  
  encapsulation dot1Q 2765  
  ip address 192.168.1.5 255.255.255.252  
!  
interface Port-channel200.2766  
  encapsulation dot1Q 2766  
  ip address 192.168.1.9 255.255.255.252  
!  
interface Port-channel200.2767  
  encapsulation dot1Q 2767  
  ip address 192.168.1.13 255.255.255.252  
!  
interface Port-channel200.2768  
  encapsulation dot1Q 2768  
  ip address 192.168.1.17 255.255.255.252  
!  
interface Port-channel200.2769  
  encapsulation dot1Q 2769  
  ip address 192.168.1.21 255.255.255.252  
!  
interface Port-channel200.2770  
  encapsulation dot1Q 2770  
  ip address 192.168.1.25 255.255.255.252
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Port-channel200.2771  
  encapsulation dot1Q 2771  
  ip address 192.168.1.29 255.255.255.252  
!  
interface Port-channel200.2772  
  encapsulation dot1Q 2772  
  ip address 192.168.1.33 255.255.255.252  
!  
interface Port-channel200.2773  
  encapsulation dot1Q 2773  
  ip address 192.168.1.37 255.255.255.252  
!  
interface Port-channel200.2774  
  encapsulation dot1Q 2774  
  ip address 192.168.1.41 255.255.255.252  
!  
interface Port-channel200.2775  
  encapsulation dot1Q 2775  
  ip address 192.168.1.45 255.255.255.252  
!  
interface Port-channel200.2776  
  encapsulation dot1Q 2776  
  ip address 192.168.1.49 255.255.255.252  
!  
interface Port-channel200.2777  
  encapsulation dot1Q 2777  
  ip address 192.168.1.53 255.255.255.252  
!  
interface Port-channel200.2778  
  encapsulation dot1Q 2778  
  ip address 192.168.1.57 255.255.255.252  
!  
interface Port-channel200.2779  
  encapsulation dot1Q 2779  
  ip address 192.168.1.61 255.255.255.252  
!  
interface Port-channel200.2780  
  encapsulation dot1Q 2780  
  ip address 192.168.1.65 255.255.255.252  
!  
interface Port-channel200.2781  
  encapsulation dot1Q 2781  
  ip address 192.168.1.69 255.255.255.252  
!  
interface Port-channel200.2782  
  encapsulation dot1Q 2782  
  ip address 192.168.1.73 255.255.255.252  
!  
interface Port-channel200.2783  
  encapsulation dot1Q 2783  
  ip address 192.168.1.77 255.255.255.252  
!  
interface Port-channel200.2784  
  encapsulation dot1Q 2784  
  ip address 192.168.1.81 255.255.255.252  
!  
interface Port-channel200.2785  
  encapsulation dot1Q 2785  
  ip address 192.168.1.85 255.255.255.252  
!  
interface Port-channel200.2786  
  encapsulation dot1Q 2786  
  ip address 192.168.1.89 255.255.255.252
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Port-channel200.2787  
  encapsulation dot1Q 2787  
  ip address 192.168.1.93 255.255.255.252  
!  
interface Port-channel200.2788  
  encapsulation dot1Q 2788  
  ip address 192.168.1.97 255.255.255.252  
!  
interface Port-channel200.2789  
  encapsulation dot1Q 2789  
  ip address 192.168.1.101 255.255.255.252  
!  
interface Port-channel200.2790  
  encapsulation dot1Q 2790  
  ip address 192.168.1.105 255.255.255.252  
!  
interface Port-channel200.2791  
  encapsulation dot1Q 2791  
  ip address 192.168.1.109 255.255.255.252  
!  
interface Port-channel200.2792  
  encapsulation dot1Q 2792  
  ip address 192.168.1.113 255.255.255.252  
!  
interface Port-channel200.2793  
  encapsulation dot1Q 2793  
  ip address 192.168.1.117 255.255.255.252  
!  
interface Port-channel200.2794  
  encapsulation dot1Q 2794  
  ip address 192.168.1.121 255.255.255.252  
!  
interface Port-channel200.2795  
  encapsulation dot1Q 2795  
  ip address 192.168.1.125 255.255.255.252  
!  
interface Port-channel200.2796  
  encapsulation dot1Q 2796  
  ip address 192.168.1.129 255.255.255.252  
!  
interface Port-channel200.2797  
  encapsulation dot1Q 2797  
  ip address 192.168.1.133 255.255.255.252  
!  
interface Port-channel200.2798  
  encapsulation dot1Q 2798  
  ip address 192.168.1.137 255.255.255.252  
!  
interface Port-channel200.2799  
  encapsulation dot1Q 2799  
  ip address 192.168.1.141 255.255.255.252  
!  
interface Port-channel201  
  switchport  
  switchport trunk allowed vlan 100-299  
  mtu 9216  
  load-interval 30  
  platform qos trust none remark  
  storm-control broadcast level 80.00  
  storm-control multicast level 80.00  
  storm-control unicast level 80.00  
  ip dhcp snooping trust  
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface Port-channel202
  switchport
  switchport trunk allowed vlan 1500-1699
  mtu 9216
  load-interval 30
  platform qos trust none remark
  storm-control broadcast level 80.00
  storm-control multicast level 80.00
  storm-control unicast level 80.00
  ip dhcp snooping trust
  !
interface Port-channel203
  switchport
  switchport trunk allowed vlan 1700-1899
  !
interface Port-channel204
  switchport
  switchport trunk allowed vlan 1900-2099
  load-interval 30
  !
interface GigabitEthernet1/1
  no ip address
  logging event link-status
  load-interval 30
  !
interface GigabitEthernet1/2
  no ip address
  load-interval 30
  !
interface GigabitEthernet1/3
  no ip address
  load-interval 30
  !
interface GigabitEthernet1/4
  no ip address
  load-interval 30
  !
interface GigabitEthernet1/5
  no ip address
  load-interval 30
  !
interface GigabitEthernet1/6
  no ip address
  load-interval 30
  !
interface GigabitEthernet1/7
  no ip address
  load-interval 30
  !
interface GigabitEthernet1/8
  no ip address
  load-interval 30
  !
interface GigabitEthernet1/9
  no ip address
  load-interval 30
  !
interface GigabitEthernet1/10
  no ip address
  load-interval 30
  !
interface GigabitEthernet1/11
  no ip address
  load-interval 30
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface GigabitEthernet1/12  
  no ip address  
  load-interval 30  
!  
interface GigabitEthernet1/13  
  no ip address  
  load-interval 30  
!  
interface GigabitEthernet1/14  
  no ip address  
  load-interval 30  
!  
interface GigabitEthernet1/15  
  no ip address  
  load-interval 30  
!  
interface GigabitEthernet1/16  
  no ip address  
  load-interval 30  
!  
interface GigabitEthernet1/17  
  no ip address  
  load-interval 30  
!  
interface GigabitEthernet1/18  
  no ip address  
  load-interval 30  
!  
interface GigabitEthernet1/19  
  no ip address  
  load-interval 30  
!  
interface GigabitEthernet1/20  
  no ip address  
  load-interval 30  
!  
interface GigabitEthernet1/21  
  no ip address  
  shutdown  
!  
interface GigabitEthernet1/22  
  no ip address  
  shutdown  
!  
interface GigabitEthernet1/23  
  no ip address  
  shutdown  
!  
interface GigabitEthernet1/24  
  no ip address  
  shutdown  
!  
interface GigabitEthernet1/25  
  ip address 192.168.25.2 255.255.255.252  
  ip nat outside  
  load-interval 30  
  ipv6 address 192:168:25:1::2/120  
!  
interface GigabitEthernet1/26  
  ip address 192.168.25.6 255.255.255.252  
  load-interval 30  
  ipv6 address 192:168:25:5::2/120  
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet1/27
 ip address 192.168.25.10 255.255.255.252
 load-interval 30
 ipv6 address 192:168:25:9::2/120
!
interface GigabitEthernet1/28
 ip address 192.168.25.14 255.255.255.252
 load-interval 30
 ipv6 address 192:168:25:13::2/120
 ipv6 enable
!
interface GigabitEthernet1/29
 ip address 192.168.25.18 255.255.255.252
 load-interval 30
 ipv6 address 192:168:25:17::2/120
!
interface GigabitEthernet1/30
 ip address 192.168.25.22 255.255.255.252
 load-interval 30
 ipv6 address 192:168:25:21::2/120
!
interface GigabitEthernet1/31
 ip address 192.168.25.26 255.255.255.252
 load-interval 30
 ipv6 address 192:168:25:25::2/120
!
interface GigabitEthernet1/32
 ip address 192.168.25.30 255.255.255.252
 load-interval 30
 ipv6 address 192:168:25:29::2/120
!
interface GigabitEthernet1/33
 ip address 192.168.25.34 255.255.255.252
 load-interval 30
 ipv6 address 192:168:25:33::2/120
!
interface GigabitEthernet1/34
 ip address 192.168.25.38 255.255.255.252
 load-interval 30
 ipv6 address 192:168:25:37::2/120
!
interface GigabitEthernet1/35
 ip address 192.168.25.42 255.255.255.252
 load-interval 30
!
interface GigabitEthernet1/36
 ip address 192.168.25.46 255.255.255.252
 load-interval 30
!
interface GigabitEthernet1/37
 ip address 192.168.25.50 255.255.255.252
 load-interval 30
!
interface GigabitEthernet1/38
 ip address 192.168.25.54 255.255.255.252
 load-interval 30
!
interface GigabitEthernet1/39
 ip address 192.168.25.58 255.255.255.252
 load-interval 30
!
interface GigabitEthernet1/40
 ip address 192.168.25.62 255.255.255.252
 load-interval 30
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface GigabitEthernet1/41  
  ip address 192.168.25.66 255.255.255.252  
  load-interval 30  
!  
interface GigabitEthernet1/42  
  ip address 192.168.25.70 255.255.255.252  
  load-interval 30  
!  
interface GigabitEthernet1/43  
  ip address 192.168.25.74 255.255.255.252  
  load-interval 30  
!  
interface GigabitEthernet1/44  
  no ip address  
  load-interval 30  
!  
interface GigabitEthernet1/44.2044  
!  
interface GigabitEthernet1/44.2400  
  encapsulation dot1Q 2400  
  ip address 192.168.25.78 255.255.255.252  
  ipv6 address 192:168:25:77::2/120  
!  
interface GigabitEthernet1/44.2401  
  encapsulation dot1Q 2401  
  ip address 192.168.25.82 255.255.255.252  
  ipv6 address 192:168:25:81::2/120  
!  
interface GigabitEthernet1/44.2402  
  encapsulation dot1Q 2402  
  ip address 192.168.25.86 255.255.255.252  
  ipv6 address 192:168:25:85::2/120  
!  
interface GigabitEthernet1/44.2403  
  encapsulation dot1Q 2403  
  ip address 192.168.25.90 255.255.255.252  
  ipv6 address 192:168:25:89::2/120  
!  
interface GigabitEthernet1/44.2404  
  encapsulation dot1Q 2404  
  ip address 192.168.25.94 255.255.255.252  
  ipv6 address 192:168:25:93::2/120  
!  
interface GigabitEthernet1/44.2405  
  encapsulation dot1Q 2405  
  ip address 192.168.25.98 255.255.255.252  
!  
interface GigabitEthernet1/44.2406  
  encapsulation dot1Q 2406  
  ip address 192.168.25.102 255.255.255.252  
!  
interface GigabitEthernet1/44.2407  
  encapsulation dot1Q 2407  
  ip address 192.168.25.106 255.255.255.252  
!  
interface GigabitEthernet1/44.2408  
  encapsulation dot1Q 2408  
  ip address 192.168.25.110 255.255.255.252  
!  
interface GigabitEthernet1/44.2409  
  encapsulation dot1Q 2409  
  ip address 192.168.25.114 255.255.255.252  
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet1/44.2410
  encapsulation dot1Q 2410
  ip address 192.168.25.118 255.255.255.252
!
interface GigabitEthernet1/44.2411
  encapsulation dot1Q 2411
  ip address 192.168.25.122 255.255.255.252
!
interface GigabitEthernet1/44.2412
  encapsulation dot1Q 2412
  ip address 192.168.25.126 255.255.255.252
!
interface GigabitEthernet1/44.2413
  encapsulation dot1Q 2413
  ip address 192.168.25.130 255.255.255.252
!
interface GigabitEthernet1/44.2414
  encapsulation dot1Q 2414
  ip address 192.168.25.134 255.255.255.252
!
interface GigabitEthernet1/44.2415
  encapsulation dot1Q 2415
  ip address 192.168.25.138 255.255.255.252
!
interface GigabitEthernet1/44.2416
  encapsulation dot1Q 2416
  ip address 192.168.25.142 255.255.255.252
!
interface GigabitEthernet1/44.2417
  encapsulation dot1Q 2417
  ip address 192.168.25.146 255.255.255.252
!
interface GigabitEthernet1/44.2418
  encapsulation dot1Q 2418
  ip address 192.168.25.150 255.255.255.252
!
interface GigabitEthernet1/44.2419
  encapsulation dot1Q 2419
  ip address 192.168.25.154 255.255.255.252
!
interface GigabitEthernet1/44.2420
  encapsulation dot1Q 2420
  ip address 192.168.25.158 255.255.255.252
!
interface GigabitEthernet1/44.2421
  encapsulation dot1Q 2421
  ip address 192.168.25.162 255.255.255.252
!
interface GigabitEthernet1/44.2422
  encapsulation dot1Q 2422
  ip address 192.168.25.166 255.255.255.252
!
interface GigabitEthernet1/44.2423
  encapsulation dot1Q 2423
  ip address 192.168.25.170 255.255.255.252
!
interface GigabitEthernet1/44.2424
  encapsulation dot1Q 2424
  ip address 192.168.25.174 255.255.255.252
!
interface GigabitEthernet1/44.2425
  encapsulation dot1Q 2425
  ip address 192.168.25.178 255.255.255.252
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet1/44.2426
  encapsulation dot1Q 2426
  ip address 192.168.25.182 255.255.255.252
!
interface GigabitEthernet1/44.2427
  encapsulation dot1Q 2427
  ip address 192.168.25.186 255.255.255.252
!
interface GigabitEthernet1/44.2428
  encapsulation dot1Q 2428
  ip address 192.168.25.190 255.255.255.252
!
interface GigabitEthernet1/44.2429
  encapsulation dot1Q 2429
  ip address 192.168.25.194 255.255.255.252
!
interface GigabitEthernet1/44.2430
  encapsulation dot1Q 2430
  ip address 192.168.25.198 255.255.255.252
!
interface GigabitEthernet1/44.2431
  encapsulation dot1Q 2431
  ip address 192.168.25.202 255.255.255.252
!
interface GigabitEthernet1/44.2432
  encapsulation dot1Q 2432
  ip address 192.168.25.206 255.255.255.252
!
interface GigabitEthernet1/44.2433
  encapsulation dot1Q 2433
  ip address 192.168.25.210 255.255.255.252
!
interface GigabitEthernet1/44.2434
  encapsulation dot1Q 2434
  ip address 192.168.25.214 255.255.255.252
!
interface GigabitEthernet1/44.2435
  encapsulation dot1Q 2435
  ip address 192.168.25.218 255.255.255.252
!
interface GigabitEthernet1/44.2436
  encapsulation dot1Q 2436
  ip address 192.168.25.222 255.255.255.252
!
interface GigabitEthernet1/44.2437
  encapsulation dot1Q 2437
  ip address 192.168.25.226 255.255.255.252
!
interface GigabitEthernet1/44.2438
  encapsulation dot1Q 2438
  ip address 192.168.25.230 255.255.255.252
!
interface GigabitEthernet1/44.2439
  encapsulation dot1Q 2439
  ip address 192.168.25.234 255.255.255.252
!
interface GigabitEthernet1/44.2440
  encapsulation dot1Q 2440
  ip address 192.168.25.238 255.255.255.252
!
interface GigabitEthernet1/44.2441
  encapsulation dot1Q 2441
  ip address 192.168.25.242 255.255.255.252
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet1/44.2442
  encapsulation dot1Q 2442
  ip address 192.168.25.246 255.255.255.252
!
interface GigabitEthernet1/44.2443
  encapsulation dot1Q 2443
  ip address 192.168.25.250 255.255.255.252
!
interface GigabitEthernet1/44.2444
  encapsulation dot1Q 2444
  ip address 192.168.25.254 255.255.255.252
!
interface GigabitEthernet1/44.2445
  encapsulation dot1Q 2445
  ip address 192.168.26.2 255.255.255.252
!
interface GigabitEthernet1/44.2446
  encapsulation dot1Q 2446
  ip address 192.168.26.6 255.255.255.252
!
interface GigabitEthernet1/44.2447
  encapsulation dot1Q 2447
  ip address 192.168.26.10 255.255.255.252
!
interface GigabitEthernet1/44.2448
  encapsulation dot1Q 2448
  ip address 192.168.26.14 255.255.255.252
!
interface GigabitEthernet1/44.2449
  encapsulation dot1Q 2449
  ip address 192.168.26.18 255.255.255.252
!
interface GigabitEthernet1/44.2450
  encapsulation dot1Q 2450
  ip address 192.168.26.22 255.255.255.252
!
interface GigabitEthernet1/44.2451
  encapsulation dot1Q 2451
  ip address 192.168.26.26 255.255.255.252
!
interface GigabitEthernet1/44.2452
  encapsulation dot1Q 2452
  ip address 192.168.26.30 255.255.255.252
!
interface GigabitEthernet1/44.2453
  encapsulation dot1Q 2453
  ip address 192.168.26.34 255.255.255.252
!
interface GigabitEthernet1/44.2454
  encapsulation dot1Q 2454
  ip address 192.168.26.38 255.255.255.252
!
interface GigabitEthernet1/44.2455
  encapsulation dot1Q 2455
  ip address 192.168.26.42 255.255.255.252
!
interface GigabitEthernet1/44.2456
  encapsulation dot1Q 2456
  ip address 192.168.26.46 255.255.255.252
!
interface GigabitEthernet1/44.2457
  encapsulation dot1Q 2457
  ip address 192.168.26.50 255.255.255.252
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet1/44.2458
  encapsulation dot1Q 2458
  ip address 192.168.26.54 255.255.255.252
!
interface GigabitEthernet1/44.2459
  encapsulation dot1Q 2459
  ip address 192.168.26.58 255.255.255.252
!
interface GigabitEthernet1/44.2460
  encapsulation dot1Q 2460
  ip address 192.168.26.62 255.255.255.252
!
interface GigabitEthernet1/44.2461
  encapsulation dot1Q 2461
  ip address 192.168.26.66 255.255.255.252
!
interface GigabitEthernet1/44.2462
  encapsulation dot1Q 2462
  ip address 192.168.26.70 255.255.255.252
!
interface GigabitEthernet1/44.2463
  encapsulation dot1Q 2463
  ip address 192.168.26.74 255.255.255.252
!
interface GigabitEthernet1/44.2464
  encapsulation dot1Q 2464
  ip address 192.168.26.78 255.255.255.252
!
interface GigabitEthernet1/44.2465
  encapsulation dot1Q 2465
  ip address 192.168.26.82 255.255.255.252
!
interface GigabitEthernet1/44.2466
  encapsulation dot1Q 2466
  ip address 192.168.26.86 255.255.255.252
!
interface GigabitEthernet1/44.2467
  encapsulation dot1Q 2467
  ip address 192.168.26.90 255.255.255.252
!
interface GigabitEthernet1/44.2468
  encapsulation dot1Q 2468
  ip address 192.168.26.94 255.255.255.252
!
interface GigabitEthernet1/44.2469
  encapsulation dot1Q 2469
  ip address 192.168.26.98 255.255.255.252
!
interface GigabitEthernet1/44.2470
  encapsulation dot1Q 2470
  ip address 192.168.26.102 255.255.255.252
!
interface GigabitEthernet1/44.2471
  encapsulation dot1Q 2471
  ip address 192.168.26.106 255.255.255.252
!
interface GigabitEthernet1/44.2472
  encapsulation dot1Q 2472
  ip address 192.168.26.110 255.255.255.252
!
interface GigabitEthernet1/44.2473
  encapsulation dot1Q 2473
  ip address 192.168.26.114 255.255.255.252
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet1/44.2474
  encapsulation dot1Q 2474
  ip address 192.168.26.118 255.255.255.252
!
interface GigabitEthernet1/44.2475
  encapsulation dot1Q 2475
  ip address 192.168.26.122 255.255.255.252
!
interface GigabitEthernet1/44.2476
  encapsulation dot1Q 2476
  ip address 192.168.26.126 255.255.255.252
!
interface GigabitEthernet1/44.2477
  encapsulation dot1Q 2477
  ip address 192.168.26.130 255.255.255.252
!
interface GigabitEthernet1/44.2478
  encapsulation dot1Q 2478
  ip address 192.168.26.134 255.255.255.252
!
interface GigabitEthernet1/44.2479
  encapsulation dot1Q 2479
  ip address 192.168.26.138 255.255.255.252
!
interface GigabitEthernet1/44.2480
  encapsulation dot1Q 2480
  ip address 192.168.26.142 255.255.255.252
!
interface GigabitEthernet1/44.2481
  encapsulation dot1Q 2481
  ip address 192.168.26.146 255.255.255.252
!
interface GigabitEthernet1/44.2482
  encapsulation dot1Q 2482
  ip address 192.168.26.150 255.255.255.252
!
interface GigabitEthernet1/44.2483
  encapsulation dot1Q 2483
  ip address 192.168.26.154 255.255.255.252
!
interface GigabitEthernet1/44.2484
  encapsulation dot1Q 2484
  ip address 192.168.26.158 255.255.255.252
!
interface GigabitEthernet1/44.2485
  encapsulation dot1Q 2485
  ip address 192.168.26.162 255.255.255.252
!
interface GigabitEthernet1/44.2486
  encapsulation dot1Q 2486
  ip address 192.168.26.166 255.255.255.252
!
interface GigabitEthernet1/44.2487
  encapsulation dot1Q 2487
  ip address 192.168.26.170 255.255.255.252
!
interface GigabitEthernet1/44.2488
  encapsulation dot1Q 2488
  ip address 192.168.26.174 255.255.255.252
!
interface GigabitEthernet1/44.2489
  encapsulation dot1Q 2489
  ip address 192.168.26.178 255.255.255.252
!
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet1/44.2490
  encapsulation dot1Q 2490
  ip address 192.168.26.182 255.255.255.252
!
interface GigabitEthernet1/44.2491
  encapsulation dot1Q 2491
  ip address 192.168.26.186 255.255.255.252
!
interface GigabitEthernet1/44.2492
  encapsulation dot1Q 2492
  ip address 192.168.26.190 255.255.255.252
!
interface GigabitEthernet1/44.2493
  encapsulation dot1Q 2493
  ip address 192.168.26.194 255.255.255.252
!
interface GigabitEthernet1/44.2494
  encapsulation dot1Q 2494
  ip address 192.168.26.198 255.255.255.252
!
interface GigabitEthernet1/44.2495
  encapsulation dot1Q 2495
  ip address 192.168.26.202 255.255.255.252
!
interface GigabitEthernet1/44.2496
  encapsulation dot1Q 2496
  ip address 192.168.26.206 255.255.255.252
!
interface GigabitEthernet1/44.2497
  encapsulation dot1Q 2497
  ip address 192.168.26.210 255.255.255.252
!
interface GigabitEthernet1/44.2498
  encapsulation dot1Q 2498
  ip address 192.168.26.214 255.255.255.252
!
interface GigabitEthernet1/44.2499
  encapsulation dot1Q 2499
  ip address 192.168.26.218 255.255.255.252
!
interface GigabitEthernet1/45
  no ip address
  shutdown
!
interface GigabitEthernet1/46
  no ip address
  shutdown
!
interface GigabitEthernet1/47
  no ip address
  shutdown
!
interface GigabitEthernet1/48
  switchport
!
interface GigabitEthernet2/1
  no ip address
  shutdown
!
interface GigabitEthernet2/2
  no ip address
  shutdown
!
interface GigabitEthernet2/3
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
no ip address
shutdown
!
interface GigabitEthernet2/4
no ip address
shutdown
!
interface GigabitEthernet2/5
no ip address
shutdown
!
interface GigabitEthernet2/6
no ip address
shutdown
!
interface GigabitEthernet2/7
no ip address
shutdown
!
interface GigabitEthernet2/8
no ip address
shutdown
!
interface GigabitEthernet2/9
no ip address
shutdown
!
interface GigabitEthernet2/10
no ip address
shutdown
!
interface GigabitEthernet2/11
no ip address
shutdown
!
interface GigabitEthernet2/12
no ip address
shutdown
!
interface GigabitEthernet2/13
no ip address
shutdown
!
interface GigabitEthernet2/14
no ip address
shutdown
!
interface GigabitEthernet2/15
no ip address
shutdown
!
interface GigabitEthernet2/16
no ip address
shutdown
!
interface GigabitEthernet2/17
no ip address
shutdown
!
interface GigabitEthernet2/18
no ip address
shutdown
!
interface GigabitEthernet2/19
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
no ip address
shutdown
!
interface GigabitEthernet2/20
no ip address
shutdown
!
interface GigabitEthernet2/21
no ip address
shutdown
!
interface GigabitEthernet2/22
no ip address
shutdown
!
interface GigabitEthernet2/23
no ip address
shutdown
!
interface GigabitEthernet2/24
no ip address
shutdown
!
interface GigabitEthernet2/25
no ip address
shutdown
!
interface GigabitEthernet2/26
no ip address
shutdown
!
interface GigabitEthernet2/27
no ip address
shutdown
!
interface GigabitEthernet2/28
no ip address
shutdown
!
interface GigabitEthernet2/29
no ip address
shutdown
!
interface GigabitEthernet2/30
no ip address
shutdown
!
interface GigabitEthernet2/31
no ip address
shutdown
!
interface GigabitEthernet2/32
no ip address
shutdown
!
interface GigabitEthernet2/33
no ip address
shutdown
!
interface GigabitEthernet2/34
no ip address
shutdown
!
interface GigabitEthernet2/35
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
no ip address
shutdown
!
interface GigabitEthernet2/36
no ip address
shutdown
!
interface GigabitEthernet2/37
no ip address
shutdown
!
interface GigabitEthernet2/38
no ip address
shutdown
!
interface GigabitEthernet2/39
no ip address
shutdown
!
interface GigabitEthernet2/40
no ip address
shutdown
!
interface GigabitEthernet2/41
no ip address
shutdown
!
interface GigabitEthernet2/42
no ip address
shutdown
!
interface GigabitEthernet2/43
no ip address
shutdown
!
interface GigabitEthernet2/44
no ip address
shutdown
!
interface GigabitEthernet2/45
no ip address
shutdown
!
interface GigabitEthernet2/46
no ip address
shutdown
!
interface GigabitEthernet2/47
no ip address
shutdown
!
interface GigabitEthernet2/48
no ip address
shutdown
!
interface GigabitEthernet3/1
ip address 192.168.150.2 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
ip summary-address eigrp 150 29.0.0.0 255.255.252.0 7
ip summary-address eigrp 150 29.0.4.0 255.255.252.0 9
load-interval 30
ipv6 address 192:168:150:1::2/120
ipv6 enable
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ipv6 eigrp 150
ipv6 authentication mode eigrp 150 md5
ipv6 authentication key-chain eigrp 150 eigrp
!
interface GigabitEthernet3/2
ip address 192.168.150.6 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
ip summary-address eigrp 150 29.0.4.0 255.255.252.0 9
load-interval 30
ipv6 address 192:168:150:5::2/120
ipv6 eigrp 150
ipv6 authentication mode eigrp 150 md5
ipv6 authentication key-chain eigrp 150 eigrp
!
interface GigabitEthernet3/3
ip address 192.168.150.10 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
ip summary-address eigrp 150 29.0.8.0 255.255.252.0 11
load-interval 30
ipv6 address 192:168:150:9::2/120
ipv6 eigrp 150
ipv6 authentication mode eigrp 150 md5
ipv6 authentication key-chain eigrp 150 eigrp
!
interface GigabitEthernet3/4
ip address 192.168.150.14 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
load-interval 30
ipv6 address 192:168:150:13::2/120
ipv6 eigrp 150
ipv6 authentication mode eigrp 150 md5
ipv6 authentication key-chain eigrp 150 eigrp
!
interface GigabitEthernet3/5
ip address 192.168.150.18 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
load-interval 30
ipv6 address 192:168:150:17::2/120
ipv6 eigrp 150
ipv6 authentication mode eigrp 150 md5
ipv6 authentication key-chain eigrp 150 eigrp
!
interface GigabitEthernet3/6
ip address 192.168.150.22 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
load-interval 30
ipv6 address 192:168:150:21::2/120
!
interface GigabitEthernet3/7
ip address 192.168.150.26 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
load-interval 30
ipv6 address 192:168:150:25::2/120
!
interface GigabitEthernet3/8
ip address 192.168.150.30 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
```

Show running-config



## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
load-interval 30
ipv6 address 192:168:150:29::2/120
!
interface GigabitEthernet3/9
ip address 192.168.150.34 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
load-interval 30
ipv6 address 192:168:150:33::2/120
!
interface GigabitEthernet3/10
ip address 192.168.150.38 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
load-interval 30
!
interface GigabitEthernet3/11
ip address 192.168.150.42 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
load-interval 30
!
interface GigabitEthernet3/12
ip address 192.168.150.46 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
load-interval 30
!
interface GigabitEthernet3/13
ip address 192.168.150.50 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
load-interval 30
!
interface GigabitEthernet3/14
ip address 192.168.150.54 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
load-interval 30
!
interface GigabitEthernet3/15
ip address 192.168.150.58 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
load-interval 30
!
interface GigabitEthernet3/16
ip address 192.168.150.62 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
load-interval 30
!
interface GigabitEthernet3/17
ip address 192.168.150.66 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
load-interval 30
!
interface GigabitEthernet3/18
ip address 192.168.150.70 255.255.255.252
ip authentication mode eigrp 150 md5
ip authentication key-chain eigrp 150 eigrp
load-interval 30
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet3/19
 ip address 192.168.150.74 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
 load-interval 30
!
interface GigabitEthernet3/20
 no ip address
 load-interval 30
!
interface GigabitEthernet3/20.2100
 encapsulation dot1Q 2100
 ip address 192.168.150.78 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
 ipv6 address 192:168:150:77::2/120
 ipv6 eigrp 150
 ipv6 authentication mode eigrp 150 md5
 ipv6 authentication key-chain eigrp 150 eigrp
!
interface GigabitEthernet3/20.2101
 encapsulation dot1Q 2101
 ip address 192.168.150.82 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
 ipv6 address 192:168:150:81::2/120
 ipv6 eigrp 150
 ipv6 authentication mode eigrp 150 md5
 ipv6 authentication key-chain eigrp 150 eigrp
!
interface GigabitEthernet3/20.2102
 encapsulation dot1Q 2102
 ip address 192.168.150.86 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
 ipv6 address 192:168:150:85::2/120
 ipv6 eigrp 150
 ipv6 authentication mode eigrp 150 md5
 ipv6 authentication key-chain eigrp 150 eigrp
!
interface GigabitEthernet3/20.2103
 encapsulation dot1Q 2103
 ip address 192.168.150.90 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
!
interface GigabitEthernet3/20.2104
 encapsulation dot1Q 2104
 ip address 192.168.150.94 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
!
interface GigabitEthernet3/20.2105
 encapsulation dot1Q 2105
 ip address 192.168.150.98 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
!
interface GigabitEthernet3/20.2106
 encapsulation dot1Q 2106
 ip address 192.168.150.102 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet3/20.2107
 encapsulation dot1Q 2107
 ip address 192.168.150.106 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
 !
interface GigabitEthernet3/20.2108
 encapsulation dot1Q 2108
 ip address 192.168.150.110 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
 !
interface GigabitEthernet3/20.2109
 encapsulation dot1Q 2109
 ip address 192.168.150.114 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
 !
interface GigabitEthernet3/20.2110
 encapsulation dot1Q 2110
 ip address 192.168.150.118 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
 !
interface GigabitEthernet3/20.2111
 encapsulation dot1Q 2111
 ip address 192.168.150.122 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
 !
interface GigabitEthernet3/20.2112
 encapsulation dot1Q 2112
 ip address 192.168.150.126 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
 !
interface GigabitEthernet3/20.2113
 encapsulation dot1Q 2113
 ip address 192.168.150.130 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
 !
interface GigabitEthernet3/20.2114
 encapsulation dot1Q 2114
 ip address 192.168.150.134 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
 !
interface GigabitEthernet3/20.2115
 encapsulation dot1Q 2115
 ip address 192.168.150.138 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
 !
interface GigabitEthernet3/20.2116
 encapsulation dot1Q 2116
 ip address 192.168.150.142 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
 !
interface GigabitEthernet3/20.2117
 encapsulation dot1Q 2117
 ip address 192.168.150.146 255.255.255.252
 ip authentication mode eigrp 150 md5
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip authentication key-chain eigrp 150 eigrp
!
interface GigabitEthernet3/20.2118
 encapsulation dot1Q 2118
 ip address 192.168.150.150 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
!
interface GigabitEthernet3/20.2119
 encapsulation dot1Q 2119
 ip address 192.168.150.154 255.255.255.252
 ip authentication mode eigrp 150 md5
 ip authentication key-chain eigrp 150 eigrp
!
interface GigabitEthernet3/20.2120
 encapsulation dot1Q 2120
 ip address 192.168.150.158 255.255.255.252
 ipv6 address 192:168:150:157::2/120
 ipv6 eigrp 150
!
interface GigabitEthernet3/20.2121
 encapsulation dot1Q 2121
 ip address 192.168.150.162 255.255.255.252
 ipv6 address 192:168:150:161::2/120
 ipv6 eigrp 150
!
interface GigabitEthernet3/20.2122
 encapsulation dot1Q 2122
 ip address 192.168.150.166 255.255.255.252
 shutdown
!
interface GigabitEthernet3/20.2123
 encapsulation dot1Q 2123
 ip address 192.168.150.170 255.255.255.252
 shutdown
!
interface GigabitEthernet3/20.2124
 encapsulation dot1Q 2124
 ip address 192.168.150.174 255.255.255.252
 shutdown
!
interface GigabitEthernet3/20.2125
 encapsulation dot1Q 2125
 ip address 192.168.150.178 255.255.255.252
 shutdown
!
interface GigabitEthernet3/20.2126
 encapsulation dot1Q 2126
 ip address 192.168.150.182 255.255.255.252
 shutdown
!
interface GigabitEthernet3/20.2127
 encapsulation dot1Q 2127
 ip address 192.168.150.186 255.255.255.252
 shutdown
!
interface GigabitEthernet3/20.2128
 encapsulation dot1Q 2128
 ip address 192.168.150.190 255.255.255.252
 shutdown
!
interface GigabitEthernet3/20.2129
 encapsulation dot1Q 2129
 ip address 192.168.150.194 255.255.255.252
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
shutdown
!  
interface GigabitEthernet3/20.2130  
  encapsulation dot1Q 2130  
  ip address 192.168.150.198 255.255.255.252  
  shutdown  
!  
interface GigabitEthernet3/20.2131  
  encapsulation dot1Q 2131  
  ip address 192.168.150.202 255.255.255.252  
  shutdown  
!  
interface GigabitEthernet3/20.2132  
  encapsulation dot1Q 2132  
  ip address 192.168.150.206 255.255.255.252  
  shutdown  
!  
interface GigabitEthernet3/20.2133  
  encapsulation dot1Q 2133  
  ip address 192.168.150.210 255.255.255.252  
  shutdown  
!  
interface GigabitEthernet3/20.2134  
  encapsulation dot1Q 2134  
  ip address 192.168.150.214 255.255.255.252  
  shutdown  
!  
interface GigabitEthernet3/20.2135  
  encapsulation dot1Q 2135  
  ip address 192.168.150.218 255.255.255.252  
  shutdown  
!  
interface GigabitEthernet3/20.2136  
  encapsulation dot1Q 2136  
  ip address 192.168.150.222 255.255.255.252  
  shutdown  
!  
interface GigabitEthernet3/20.2137  
  encapsulation dot1Q 2137  
  ip address 192.168.150.226 255.255.255.252  
  shutdown  
!  
interface GigabitEthernet3/20.2138  
  encapsulation dot1Q 2138  
  ip address 192.168.150.230 255.255.255.252  
  shutdown  
!  
interface GigabitEthernet3/20.2139  
  encapsulation dot1Q 2139  
  ip address 192.168.150.234 255.255.255.252  
  shutdown  
!  
interface GigabitEthernet3/20.2140  
  encapsulation dot1Q 2140  
  ip address 192.168.150.238 255.255.255.252  
  shutdown  
!  
interface GigabitEthernet3/20.2141  
  encapsulation dot1Q 2141  
  ip address 192.168.150.242 255.255.255.252  
  shutdown  
!  
interface GigabitEthernet3/20.2142  
  encapsulation dot1Q 2142
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip address 192.168.150.246 255.255.255.252
shutdown
!
interface GigabitEthernet3/20.2143
encapsulation dot1Q 2143
ip address 192.168.150.250 255.255.255.252
shutdown
!
interface GigabitEthernet3/20.2144
encapsulation dot1Q 2144
ip address 192.168.150.254 255.255.255.252
shutdown
!
interface GigabitEthernet3/20.2145
encapsulation dot1Q 2145
ip address 192.168.151.2 255.255.255.252
shutdown
!
interface GigabitEthernet3/20.2146
encapsulation dot1Q 2146
ip address 192.168.151.6 255.255.255.252
shutdown
!
interface GigabitEthernet3/20.2147
encapsulation dot1Q 2147
ip address 192.168.151.10 255.255.255.252
shutdown
!
interface GigabitEthernet3/20.2148
encapsulation dot1Q 2148
ip address 192.168.151.14 255.255.255.252
shutdown
!
interface GigabitEthernet3/20.2149
encapsulation dot1Q 2149
ip address 192.168.151.18 255.255.255.252
shutdown
!
interface GigabitEthernet3/21
no ip address
shutdown
!
interface GigabitEthernet3/22
no ip address
shutdown
!
interface GigabitEthernet3/23
no ip address
shutdown
!
interface GigabitEthernet3/24
no ip address
shutdown
!
interface GigabitEthernet3/25
ip address 192.168.100.2 255.255.255.252
load-interval 30
ipv6 address 192:168:100:1::2/120
ipv6 ospf 100 area 0
!
interface GigabitEthernet3/26
ip address 192.168.100.6 255.255.255.252
load-interval 30
ipv6 address 192:168:100:5::2/120
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ipv6 ospf 100 area 0
!
interface GigabitEthernet3/27
 ip address 192.168.100.10 255.255.255.252
 load-interval 30
!
interface GigabitEthernet3/28
 ip address 192.168.100.14 255.255.255.252
 load-interval 30
!
interface GigabitEthernet3/29
 ip address 192.168.100.18 255.255.255.252
 load-interval 30
!
interface GigabitEthernet3/30
 ip address 192.168.100.22 255.255.255.252
 load-interval 30
!
interface GigabitEthernet3/31
 ip address 192.168.100.26 255.255.255.252
 load-interval 30
!
interface GigabitEthernet3/32
 ip address 192.168.100.30 255.255.255.252
 load-interval 30
!
interface GigabitEthernet3/33
 ip address 192.168.100.34 255.255.255.252
 load-interval 30
!
interface GigabitEthernet3/34
 ip address 192.168.100.38 255.255.255.252
 load-interval 30
!
interface GigabitEthernet3/35
 ip address 192.168.100.42 255.255.255.252
 ip ospf message-digest-key 1 md5 7 045802150C2E
 load-interval 30
 ipv6 address 192:168:100:41::2/120
 ipv6 ospf 100 area 0
!
interface GigabitEthernet3/36
 ip address 192.168.100.46 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 110A1016141D
 load-interval 30
 ipv6 address 192:168:100:45::2/120
 ipv6 ospf 100 area 0
!
interface GigabitEthernet3/37
 ip address 192.168.100.50 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 01100F175804
 load-interval 30
 ipv6 address 192:168:100:49::2/120
 ipv6 ospf 100 area 0
!
interface GigabitEthernet3/38
 ip address 192.168.100.54 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 104D000A0618
 load-interval 30
 ipv6 address 192:168:100:53::2/120
 ipv6 ospf 100 area 0
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface GigabitEthernet3/39  
 ip address 192.168.100.58 255.255.255.252  
 ip ospf authentication message-digest  
 ip ospf message-digest-key 1 md5 7 104D000A0618  
 load-interval 30  
!  
interface GigabitEthernet3/40  
 ip address 192.168.100.62 255.255.255.252  
 ip ospf authentication message-digest  
 ip ospf message-digest-key 1 md5 7 0822455D0A16  
 load-interval 30  
!  
interface GigabitEthernet3/41  
 ip address 192.168.100.66 255.255.255.252  
 ip ospf authentication message-digest  
 ip ospf message-digest-key 1 md5 7 05080F1C2243  
 load-interval 30  
!  
interface GigabitEthernet3/42  
 ip address 192.168.100.70 255.255.255.252  
 ip ospf authentication message-digest  
 ip ospf message-digest-key 1 md5 7 05080F1C2243  
 load-interval 30  
!  
interface GigabitEthernet3/43  
 ip address 192.168.100.74 255.255.255.252  
 ip ospf message-digest-key 1 md5 7 0822455D0A16  
 load-interval 30  
!  
interface GigabitEthernet3/44  
 no ip address  
 load-interval 30  
!  
interface GigabitEthernet3/44.2200  
 encapsulation dot1Q 2200  
 ip address 192.168.100.78 255.255.255.252  
 ip ospf authentication message-digest  
 ip ospf message-digest-key 1 md5 7 094F471A1A0A  
 ipv6 address 192:168:100:77::2/120  
 ipv6 ospf 100 area 0  
!  
interface GigabitEthernet3/44.2201  
 encapsulation dot1Q 2201  
 ip address 192.168.100.82 255.255.255.252  
 ip ospf authentication message-digest  
 ip ospf message-digest-key 1 md5 7 02050D480809  
 ipv6 address 192:168:100:81::2/120  
 ipv6 ospf 100 area 0  
!  
interface GigabitEthernet3/44.2202  
 encapsulation dot1Q 2202  
 ip address 192.168.100.86 255.255.255.252  
 ip ospf authentication message-digest  
 ip ospf message-digest-key 1 md5 7 05080F1C2243  
 ipv6 address 192:168:100:85::2/120  
 ipv6 ospf 100 area 0  
!  
interface GigabitEthernet3/44.2203  
 encapsulation dot1Q 2203  
 ip address 192.168.100.90 255.255.255.252  
 ip ospf authentication message-digest  
 ip ospf message-digest-key 1 md5 7 121A0C041104  
 ipv6 address 192:168:100:89::2/120
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ipv6 ospf 100 area 0
!
interface GigabitEthernet3/44.2204
 encapsulation dot1Q 2204
 ip address 192.168.100.94 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 05080F1C2243
 shutdown
!
interface GigabitEthernet3/44.2205
 encapsulation dot1Q 2205
 ip address 192.168.100.98 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 045802150C2E
 shutdown
!
interface GigabitEthernet3/44.2206
 encapsulation dot1Q 2206
 ip address 192.168.100.102 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 110A1016141D
 shutdown
!
interface GigabitEthernet3/44.2207
 encapsulation dot1Q 2207
 ip address 192.168.100.106 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 121A0C041104
 shutdown
!
interface GigabitEthernet3/44.2208
 encapsulation dot1Q 2208
 ip address 192.168.100.110 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 01100F175804
 shutdown
!
interface GigabitEthernet3/44.2209
 encapsulation dot1Q 2209
 ip address 192.168.100.114 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 01100F175804
 shutdown
!
interface GigabitEthernet3/44.2210
 encapsulation dot1Q 2210
 ip address 192.168.100.118 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 070C285F4D06
 shutdown
!
interface GigabitEthernet3/44.2211
 encapsulation dot1Q 2211
 ip address 192.168.100.122 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 060506324F41
 shutdown
!
interface GigabitEthernet3/44.2212
 encapsulation dot1Q 2212
 ip address 192.168.100.126 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 0822455D0A16
 shutdown
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface GigabitEthernet3/44.2213  
  encapsulation dot1Q 2213  
  ip address 192.168.100.130 255.255.255.252  
  ip ospf authentication message-digest  
  ip ospf message-digest-key 1 md5 7 14141B180F0B  
  shutdown  
!  
interface GigabitEthernet3/44.2214  
  encapsulation dot1Q 2214  
  ip address 192.168.100.134 255.255.255.252  
  ip ospf authentication message-digest  
  ip ospf message-digest-key 1 md5 7 094F471A1A0A  
  shutdown  
!  
interface GigabitEthernet3/44.2215  
  encapsulation dot1Q 2215  
  ip address 192.168.100.138 255.255.255.252  
  ip ospf authentication message-digest  
  ip ospf message-digest-key 1 md5 7 00071A150754  
  shutdown  
!  
interface GigabitEthernet3/44.2216  
  encapsulation dot1Q 2216  
  ip address 192.168.100.142 255.255.255.252  
  ip ospf authentication message-digest  
  ip ospf message-digest-key 1 md5 7 13061E010803  
  shutdown  
!  
interface GigabitEthernet3/44.2217  
  encapsulation dot1Q 2217  
  ip address 192.168.100.146 255.255.255.252  
  ip ospf authentication message-digest  
  ip ospf message-digest-key 1 md5 7 045802150C2E  
  shutdown  
!  
interface GigabitEthernet3/44.2218  
  encapsulation dot1Q 2218  
  ip address 192.168.100.150 255.255.255.252  
  ip ospf authentication message-digest  
  ip ospf message-digest-key 1 md5 7 13061E010803  
  shutdown  
!  
interface GigabitEthernet3/44.2219  
  encapsulation dot1Q 2219  
  ip address 192.168.100.154 255.255.255.252  
  ip ospf authentication message-digest  
  ip ospf message-digest-key 1 md5 7 0822455D0A16  
  shutdown  
!  
interface GigabitEthernet3/44.2220  
  encapsulation dot1Q 2220  
  ip address 192.168.100.158 255.255.255.252  
  ip ospf authentication message-digest  
  ip ospf message-digest-key 1 md5 7 0822455D0A16  
  shutdown  
!  
interface GigabitEthernet3/44.2221  
  encapsulation dot1Q 2221  
  ip address 192.168.100.162 255.255.255.252  
  ip ospf authentication message-digest  
  ip ospf message-digest-key 1 md5 7 05080F1C2243  
  shutdown  
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet3/44.2222
 encapsulation dot1Q 2222
 ip address 192.168.100.166 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 01100F175804
 shutdown
!
interface GigabitEthernet3/44.2223
 encapsulation dot1Q 2223
 ip address 192.168.100.170 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 070C285F4D06
 shutdown
!
interface GigabitEthernet3/44.2224
 encapsulation dot1Q 2224
 ip address 192.168.100.174 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 060506324F41
 shutdown
!
interface GigabitEthernet3/44.2225
 encapsulation dot1Q 2225
 ip address 192.168.100.178 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 030752180500
 shutdown
!
interface GigabitEthernet3/44.2226
 encapsulation dot1Q 2226
 ip address 192.168.100.182 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 02050D480809
 shutdown
!
interface GigabitEthernet3/44.2227
 encapsulation dot1Q 2227
 ip address 192.168.100.186 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 121A0C041104
 shutdown
!
interface GigabitEthernet3/44.2228
 encapsulation dot1Q 2228
 ip address 192.168.100.190 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 070C285F4D06
 shutdown
!
interface GigabitEthernet3/44.2229
 encapsulation dot1Q 2229
 ip address 192.168.100.194 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 060506324F41
 shutdown
!
interface GigabitEthernet3/44.2230
 encapsulation dot1Q 2230
 ip address 192.168.100.198 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 094F471A1A0A
 shutdown
!
interface GigabitEthernet3/44.2231
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
encapsulation dot1Q 2231
ip address 192.168.100.202 255.255.255.252
ip ospf authentication message-digest
ip ospf message-digest-key 1 md5 7 104D000A0618
shutdown
!
interface GigabitEthernet3/44.2232
encapsulation dot1Q 2232
ip address 192.168.100.206 255.255.255.252
ip ospf authentication message-digest
ip ospf message-digest-key 1 md5 7 070C285F4D06
shutdown
!
interface GigabitEthernet3/44.2233
encapsulation dot1Q 2233
ip address 192.168.100.210 255.255.255.252
ip ospf authentication message-digest
ip ospf message-digest-key 1 md5 7 030752180500
shutdown
!
interface GigabitEthernet3/44.2234
encapsulation dot1Q 2234
ip address 192.168.100.214 255.255.255.252
ip ospf authentication message-digest
ip ospf message-digest-key 1 md5 7 14141B180F0B
shutdown
!
interface GigabitEthernet3/44.2235
encapsulation dot1Q 2235
ip address 192.168.100.218 255.255.255.252
ip ospf authentication message-digest
ip ospf message-digest-key 1 md5 7 1511021F0725
shutdown
!
interface GigabitEthernet3/44.2236
encapsulation dot1Q 2236
ip address 192.168.100.222 255.255.255.252
ip ospf authentication message-digest
ip ospf message-digest-key 1 md5 7 1511021F0725
shutdown
!
interface GigabitEthernet3/44.2237
encapsulation dot1Q 2237
ip address 192.168.100.226 255.255.255.252
ip ospf authentication message-digest
ip ospf message-digest-key 1 md5 7 02050D480809
shutdown
!
interface GigabitEthernet3/44.2238
encapsulation dot1Q 2238
ip address 192.168.100.230 255.255.255.252
ip ospf authentication message-digest
ip ospf message-digest-key 1 md5 7 110A1016141D
shutdown
!
interface GigabitEthernet3/44.2239
encapsulation dot1Q 2239
ip address 192.168.100.234 255.255.255.252
ip ospf authentication message-digest
ip ospf message-digest-key 1 md5 7 110A1016141D
shutdown
!
interface GigabitEthernet3/44.2240
encapsulation dot1Q 2240
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip address 192.168.100.238 255.255.255.252
ip ospf authentication message-digest
ip ospf message-digest-key 1 md5 7 070C285F4D06
shutdown
!
interface GigabitEthernet3/44.2241
 encapsulation dot1Q 2241
 ip address 192.168.100.242 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 045802150C2E
 shutdown
!
interface GigabitEthernet3/44.2242
 encapsulation dot1Q 2242
 ip address 192.168.100.246 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 05080F1C2243
 shutdown
!
interface GigabitEthernet3/44.2243
 encapsulation dot1Q 2243
 ip address 192.168.100.250 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 13061E010803
 shutdown
!
interface GigabitEthernet3/44.2244
 encapsulation dot1Q 2244
 ip address 192.168.100.254 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 05080F1C2243
 shutdown
!
interface GigabitEthernet3/44.2245
 encapsulation dot1Q 2245
 ip address 192.168.101.2 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 070C285F4D06
 shutdown
!
interface GigabitEthernet3/44.2246
 encapsulation dot1Q 2246
 ip address 192.168.101.6 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 045802150C2E
 shutdown
!
interface GigabitEthernet3/44.2247
 encapsulation dot1Q 2247
 ip address 192.168.101.10 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 060506324F41
 shutdown
!
interface GigabitEthernet3/44.2248
 encapsulation dot1Q 2248
 ip address 192.168.101.14 255.255.255.252
 ip ospf authentication message-digest
 ip ospf message-digest-key 1 md5 7 00071A150754
 shutdown
!
interface GigabitEthernet3/44.2249
 encapsulation dot1Q 2249
 ip address 192.168.101.18 255.255.255.252
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip ospf authentication message-digest
ip ospf message-digest-key 1 md5 7 02050D480809
shutdown
!
interface GigabitEthernet3/44.2250
 encapsulation dot1Q 2250
 ip address 192.168.101.22 255.255.255.252
 ipv6 address 192:168:100:21::2/120
!
interface GigabitEthernet3/44.2251
 encapsulation dot1Q 2251
 ip address 192.168.101.26 255.255.255.252
 ipv6 address 192:168:100:25::2/120
!
interface GigabitEthernet3/44.2252
 encapsulation dot1Q 2252
 ip address 192.168.101.30 255.255.255.252
 shutdown
!
interface GigabitEthernet3/44.2253
 encapsulation dot1Q 2253
 ip address 192.168.101.34 255.255.255.252
 shutdown
!
interface GigabitEthernet3/44.2254
 encapsulation dot1Q 2254
 ip address 192.168.101.38 255.255.255.252
 shutdown
!
interface GigabitEthernet3/44.2255
 encapsulation dot1Q 2255
 ip address 192.168.101.42 255.255.255.252
 shutdown
!
interface GigabitEthernet3/44.2256
 encapsulation dot1Q 2256
 ip address 192.168.101.46 255.255.255.252
 shutdown
!
interface GigabitEthernet3/44.2257
 encapsulation dot1Q 2257
 ip address 192.168.101.50 255.255.255.252
 shutdown
!
interface GigabitEthernet3/44.2258
 encapsulation dot1Q 2258
 ip address 192.168.101.54 255.255.255.252
 shutdown
!
interface GigabitEthernet3/44.2259
 encapsulation dot1Q 2259
 ip address 192.168.101.58 255.255.255.252
 shutdown
!
interface GigabitEthernet3/44.2260
 encapsulation dot1Q 2260
 ip address 192.168.101.62 255.255.255.252
!
interface GigabitEthernet3/44.2261
 encapsulation dot1Q 2261
 ip address 192.168.101.66 255.255.255.252
!
interface GigabitEthernet3/44.2262
 encapsulation dot1Q 2262
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip address 192.168.101.70 255.255.255.252
!
interface GigabitEthernet3/44.2263
 encapsulation dot1Q 2263
 ip address 192.168.101.74 255.255.255.252
!
interface GigabitEthernet3/44.2264
 encapsulation dot1Q 2264
 ip address 192.168.101.78 255.255.255.252
!
interface GigabitEthernet3/44.2265
 encapsulation dot1Q 2265
 ip address 192.168.101.82 255.255.255.252
!
interface GigabitEthernet3/44.2266
 encapsulation dot1Q 2266
 ip address 192.168.101.86 255.255.255.252
!
interface GigabitEthernet3/44.2267
 encapsulation dot1Q 2267
 ip address 192.168.101.90 255.255.255.252
!
interface GigabitEthernet3/44.2268
 encapsulation dot1Q 2268
 ip address 192.168.101.94 255.255.255.252
!
interface GigabitEthernet3/44.2269
 encapsulation dot1Q 2269
 ip address 192.168.101.98 255.255.255.252
!
interface GigabitEthernet3/44.2270
 encapsulation dot1Q 2270
 ip address 192.168.101.102 255.255.255.252
!
interface GigabitEthernet3/44.2271
 encapsulation dot1Q 2271
 ip address 192.168.101.106 255.255.255.252
!
interface GigabitEthernet3/44.2272
 encapsulation dot1Q 2272
 ip address 192.168.101.110 255.255.255.252
!
interface GigabitEthernet3/44.2273
 encapsulation dot1Q 2273
 ip address 192.168.101.114 255.255.255.252
!
interface GigabitEthernet3/44.2274
 encapsulation dot1Q 2274
 ip address 192.168.101.118 255.255.255.252
!
interface GigabitEthernet3/44.2275
 encapsulation dot1Q 2275
 ip address 192.168.101.122 255.255.255.252
!
interface GigabitEthernet3/44.2276
 encapsulation dot1Q 2276
 ip address 192.168.101.126 255.255.255.252
!
interface GigabitEthernet3/44.2277
 encapsulation dot1Q 2277
 ip address 192.168.101.130 255.255.255.252
!
interface GigabitEthernet3/44.2278
 encapsulation dot1Q 2278
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip address 192.168.101.134 255.255.255.252
!
interface GigabitEthernet3/44.2279
 encapsulation dot1Q 2279
 ip address 192.168.101.138 255.255.255.252
!
interface GigabitEthernet3/44.2280
 encapsulation dot1Q 2280
 ip address 192.168.101.142 255.255.255.252
!
interface GigabitEthernet3/44.2281
 encapsulation dot1Q 2281
 ip address 192.168.101.146 255.255.255.252
!
interface GigabitEthernet3/44.2282
 encapsulation dot1Q 2282
 ip address 192.168.101.150 255.255.255.252
!
interface GigabitEthernet3/44.2283
 encapsulation dot1Q 2283
 ip address 192.168.101.154 255.255.255.252
!
interface GigabitEthernet3/44.2284
 encapsulation dot1Q 2284
 ip address 192.168.101.158 255.255.255.252
!
interface GigabitEthernet3/44.2285
 encapsulation dot1Q 2285
 ip address 192.168.101.162 255.255.255.252
!
interface GigabitEthernet3/44.2286
 encapsulation dot1Q 2286
 ip address 192.168.101.166 255.255.255.252
!
interface GigabitEthernet3/44.2287
 encapsulation dot1Q 2287
 ip address 192.168.101.170 255.255.255.252
!
interface GigabitEthernet3/44.2288
 encapsulation dot1Q 2288
 ip address 192.168.101.174 255.255.255.252
!
interface GigabitEthernet3/44.2289
 encapsulation dot1Q 2289
 ip address 192.168.101.178 255.255.255.252
!
interface GigabitEthernet3/44.2290
 encapsulation dot1Q 2290
 ip address 192.168.101.182 255.255.255.252
!
interface GigabitEthernet3/44.2291
 encapsulation dot1Q 2291
 ip address 192.168.101.186 255.255.255.252
!
interface GigabitEthernet3/44.2292
 encapsulation dot1Q 2292
 ip address 192.168.101.190 255.255.255.252
!
interface GigabitEthernet3/44.2293
 encapsulation dot1Q 2293
 ip address 192.168.101.194 255.255.255.252
!
interface GigabitEthernet3/44.2294
 encapsulation dot1Q 2294
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip address 192.168.101.198 255.255.255.252
!
interface GigabitEthernet3/44.2295
 encapsulation dot1Q 2295
 ip address 192.168.101.202 255.255.255.252
!
interface GigabitEthernet3/44.2296
 encapsulation dot1Q 2296
 ip address 192.168.101.206 255.255.255.252
!
interface GigabitEthernet3/44.2297
 encapsulation dot1Q 2297
 ip address 192.168.101.210 255.255.255.252
!
interface GigabitEthernet3/44.2298
 encapsulation dot1Q 2298
 ip address 192.168.101.214 255.255.255.252
!
interface GigabitEthernet3/44.2299
 encapsulation dot1Q 2299
 ip address 192.168.101.218 255.255.255.252
!
interface GigabitEthernet3/45
 no ip address
 shutdown
!
interface GigabitEthernet3/46
 no ip address
 shutdown
!
interface GigabitEthernet3/47
 no ip address
 shutdown
!
interface GigabitEthernet3/48
 switchport
 switchport access vlan 50
!
interface GigabitEthernet4/1
 no ip address
 shutdown
!
interface GigabitEthernet4/2
 no ip address
 shutdown
!
interface GigabitEthernet4/3
 no ip address
 shutdown
!
interface GigabitEthernet4/4
 no ip address
 shutdown
!
interface GigabitEthernet4/5
 no ip address
 shutdown
!
interface GigabitEthernet4/6
 no ip address
 shutdown
!
interface GigabitEthernet4/7
 no ip address
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
shutdown
!  
interface GigabitEthernet4/8  
no ip address  
shutdown  
!  
interface GigabitEthernet4/9  
no ip address  
shutdown  
!  
interface GigabitEthernet4/10  
no ip address  
shutdown  
!  
interface GigabitEthernet4/11  
no ip address  
shutdown  
!  
interface GigabitEthernet4/12  
no ip address  
shutdown  
!  
interface GigabitEthernet4/13  
no ip address  
shutdown  
!  
interface GigabitEthernet4/14  
no ip address  
shutdown  
!  
interface GigabitEthernet4/15  
no ip address  
shutdown  
!  
interface GigabitEthernet4/16  
no ip address  
shutdown  
!  
interface GigabitEthernet4/17  
no ip address  
shutdown  
!  
interface GigabitEthernet4/18  
no ip address  
shutdown  
!  
interface GigabitEthernet4/19  
no ip address  
shutdown  
!  
interface GigabitEthernet4/20  
no ip address  
shutdown  
!  
interface GigabitEthernet4/21  
no ip address  
shutdown  
!  
interface GigabitEthernet4/22  
no ip address  
shutdown  
!  
interface GigabitEthernet4/23  
no ip address
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
shutdown
!
interface GigabitEthernet4/24
no ip address
shutdown
!
interface GigabitEthernet4/25
no ip address
shutdown
!
interface GigabitEthernet4/26
no ip address
shutdown
!
interface GigabitEthernet4/27
no ip address
shutdown
!
interface GigabitEthernet4/28
no ip address
shutdown
!
interface GigabitEthernet4/29
no ip address
shutdown
!
interface GigabitEthernet4/30
no ip address
shutdown
!
interface GigabitEthernet4/31
no ip address
shutdown
!
interface GigabitEthernet4/32
no ip address
shutdown
!
interface GigabitEthernet4/33
no ip address
shutdown
!
interface GigabitEthernet4/34
no ip address
shutdown
!
interface GigabitEthernet4/35
no ip address
shutdown
!
interface GigabitEthernet4/36
no ip address
shutdown
!
interface GigabitEthernet4/37
no ip address
shutdown
!
interface GigabitEthernet4/38
no ip address
shutdown
!
interface GigabitEthernet4/39
no ip address
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
shutdown
!
interface GigabitEthernet4/40
no ip address
shutdown
!
interface GigabitEthernet4/41
no ip address
shutdown
!
interface GigabitEthernet4/42
no ip address
shutdown
!
interface GigabitEthernet4/43
no ip address
shutdown
!
interface GigabitEthernet4/44
no ip address
shutdown
!
interface GigabitEthernet4/45
no ip address
shutdown
!
interface GigabitEthernet4/46
no ip address
shutdown
!
interface GigabitEthernet4/47
no ip address
shutdown
!
interface GigabitEthernet4/48
no ip address
shutdown
!
interface GigabitEthernet5/1
no ip address
shutdown
!
interface GigabitEthernet5/2
switchport
switchport access vlan 29
switchport mode access
!
interface GigabitEthernet5/3
no ip address
shutdown
!
interface TenGigabitEthernet5/4
no ip address
shutdown
!
interface TenGigabitEthernet5/5
no ip address
shutdown
!
interface GigabitEthernet6/1
no ip address
shutdown
!
interface GigabitEthernet6/2
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
switchport
switchport access vlan 29
switchport mode access
!
interface GigabitEthernet6/3
no ip address
shutdown
!
interface TenGigabitEthernet6/4
no ip address
shutdown
!
interface TenGigabitEthernet6/5
no ip address
shutdown
!
interface GigabitEthernet7/1
no ip address
shutdown
!
interface GigabitEthernet7/2
no ip address
shutdown
!
interface GigabitEthernet7/3
no ip address
shutdown
!
interface GigabitEthernet7/4
no ip address
shutdown
!
interface GigabitEthernet7/5
no ip address
shutdown
!
interface GigabitEthernet7/6
no ip address
shutdown
!
interface GigabitEthernet7/7
no ip address
shutdown
!
interface GigabitEthernet7/8
no ip address
shutdown
!
interface GigabitEthernet7/9
no ip address
shutdown
!
interface GigabitEthernet7/10
no ip address
shutdown
!
interface GigabitEthernet7/11
no ip address
shutdown
!
interface GigabitEthernet7/12
no ip address
shutdown
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet7/13
  no ip address
  shutdown
!
interface GigabitEthernet7/14
  no ip address
  shutdown
!
interface GigabitEthernet7/15
  no ip address
  shutdown
!
interface GigabitEthernet7/16
  no ip address
  shutdown
!
interface GigabitEthernet7/17
  no ip address
  shutdown
!
interface GigabitEthernet7/18
  no ip address
  shutdown
!
interface GigabitEthernet7/19
  no ip address
  shutdown
!
interface GigabitEthernet7/20
  no ip address
  shutdown
!
interface GigabitEthernet7/21
  no ip address
  shutdown
!
interface GigabitEthernet7/22
  no ip address
  shutdown
!
interface GigabitEthernet7/23
  no ip address
  shutdown
!
interface GigabitEthernet7/24
  no ip address
  shutdown
!
interface GigabitEthernet7/25
  no ip address
  shutdown
!
interface GigabitEthernet7/26
  no ip address
  shutdown
!
interface GigabitEthernet7/27
  no ip address
  shutdown
!
interface GigabitEthernet7/28
  no ip address
  shutdown
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet7/29
  no ip address
  shutdown
!
interface GigabitEthernet7/30
  no ip address
  shutdown
!
interface GigabitEthernet7/31
  no ip address
  shutdown
!
interface GigabitEthernet7/32
  no ip address
  shutdown
!
interface GigabitEthernet7/33
  no ip address
  shutdown
!
interface GigabitEthernet7/34
  no ip address
  shutdown
!
interface GigabitEthernet7/35
  no ip address
  shutdown
!
interface GigabitEthernet7/36
  no ip address
  shutdown
!
interface GigabitEthernet7/37
  description Conx to Pagent 7206-CC2305 G0/1
  ip address 4.1.1.1 255.0.0.0
  ip nat inside
!
interface GigabitEthernet7/38
  no ip address
!
interface GigabitEthernet7/39
  no ip address
!
interface GigabitEthernet7/40
  no ip address
!
interface GigabitEthernet7/41
  description Conx to Pagent 7206-CC2304 G01
  ip address 5.1.1.1 255.0.0.0
  ip nat outside
!
interface GigabitEthernet7/42
  no ip address
!
interface GigabitEthernet7/43
  no ip address
!
interface GigabitEthernet7/44
  no ip address
!
interface GigabitEthernet7/45
  no ip address
!
interface GigabitEthernet7/46
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
description Conx to Pagent CC2302 G0/2
ip address 1.1.1.1 255.0.0.0
bfd interval 50 min_rx 50 multiplier 3
!
interface GigabitEthernet7/47
description Conx to Pagent CC2302 G0/1
ip address 2.1.1.1 255.0.0.0
!
interface GigabitEthernet7/48
description Conx to Pagent CC2302 G0/3
ip address 3.1.1.1 255.0.0.0
!
interface GigabitEthernet8/1
mtu 9216
no ip address
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 200 mode desirable
!
interface GigabitEthernet8/2
mtu 9216
no ip address
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 200 mode desirable
!
interface GigabitEthernet8/3
mtu 9216
no ip address
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 200 mode desirable
!
interface GigabitEthernet8/4
mtu 9216
no ip address
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 200 mode desirable
!
interface GigabitEthernet8/5
mtu 9216
no ip address
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 200 mode desirable
!
interface GigabitEthernet8/6
mtu 9216
no ip address
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 200 mode desirable
!
interface GigabitEthernet8/7
mtu 9216
no ip address
storm-control broadcast level 80.00
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 200 mode desirable
!
interface GigabitEthernet8/8
mtu 9216
no ip address
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 200 mode desirable
!
interface GigabitEthernet8/9
no ip address
shutdown
!
interface GigabitEthernet8/10
no ip address
shutdown
!
interface GigabitEthernet8/11
no ip address
shutdown
!
interface GigabitEthernet8/12
no ip address
shutdown
!
interface GigabitEthernet8/13
switchport
switchport trunk allowed vlan 1500-1699
mtu 9216
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 202 mode desirable
!
interface GigabitEthernet8/14
switchport
switchport trunk allowed vlan 1500-1699
mtu 9216
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 202 mode desirable
!
interface GigabitEthernet8/15
switchport
switchport trunk allowed vlan 1500-1699
mtu 9216
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 202 mode desirable
!
interface GigabitEthernet8/16
switchport
switchport trunk allowed vlan 1500-1699
mtu 9216
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 202 mode desirable
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet8/17
 switchport
 switchport trunk allowed vlan 1500-1699
 mtu 9216
 storm-control broadcast level 80.00
 storm-control multicast level 80.00
 storm-control unicast level 80.00
 channel-group 202 mode desirable
!
interface GigabitEthernet8/18
 switchport
 switchport trunk allowed vlan 1500-1699
 mtu 9216
 storm-control broadcast level 80.00
 storm-control multicast level 80.00
 storm-control unicast level 80.00
 channel-group 202 mode desirable
!
interface GigabitEthernet8/19
 switchport
 switchport trunk allowed vlan 1500-1699
 mtu 9216
 storm-control broadcast level 80.00
 storm-control multicast level 80.00
 storm-control unicast level 80.00
 channel-group 202 mode desirable
!
interface GigabitEthernet8/20
 switchport
 switchport trunk allowed vlan 1500-1699
 mtu 9216
 storm-control broadcast level 80.00
 storm-control multicast level 80.00
 storm-control unicast level 80.00
 channel-group 202 mode desirable
!
interface GigabitEthernet8/21
 no ip address
 shutdown
!
interface GigabitEthernet8/22
 no ip address
 shutdown
!
interface GigabitEthernet8/23
 no ip address
 shutdown
!
interface GigabitEthernet8/24
 no ip address
 shutdown
!
interface GigabitEthernet8/25
 switchport
 switchport trunk allowed vlan 1700-1899
 channel-group 203 mode active
!
interface GigabitEthernet8/26
 switchport
 switchport trunk allowed vlan 1700-1899
 channel-group 203 mode active
!
interface GigabitEthernet8/27
 switchport
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
switchport trunk allowed vlan 1700-1899
channel-group 203 mode active
!
interface GigabitEthernet8/28
switchport
switchport trunk allowed vlan 1700-1899
channel-group 203 mode active
!
interface GigabitEthernet8/29
no ip address
shutdown
!
interface GigabitEthernet8/30
no ip address
shutdown
!
interface GigabitEthernet8/31
no ip address
shutdown
!
interface GigabitEthernet8/32
no ip address
shutdown
!
interface GigabitEthernet8/33
no ip address
shutdown
!
interface GigabitEthernet8/34
no ip address
shutdown
!
interface GigabitEthernet8/35
no ip address
shutdown
!
interface GigabitEthernet8/36
no ip address
shutdown
!
interface GigabitEthernet8/37
switchport
switchport trunk allowed vlan 1900-2099
channel-group 204 mode passive
!
interface GigabitEthernet8/38
switchport
switchport trunk allowed vlan 1900-2099
channel-group 204 mode passive
!
interface GigabitEthernet8/39
switchport
switchport trunk allowed vlan 1900-2099
channel-group 204 mode passive
!
interface GigabitEthernet8/40
switchport
switchport trunk allowed vlan 1900-2099
channel-group 204 mode passive
!
interface GigabitEthernet8/41
no ip address
shutdown
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet8/42
  no ip address
  shutdown
!
interface GigabitEthernet8/43
  no ip address
  shutdown
!
interface GigabitEthernet8/44
  no ip address
  shutdown
!
interface GigabitEthernet8/45
  no ip address
  shutdown
!
interface GigabitEthernet8/46
  no ip address
  shutdown
!
interface GigabitEthernet8/47
  no ip address
  shutdown
!
interface GigabitEthernet8/48
  no ip address
  shutdown
!
interface GigabitEthernet9/1
  no ip address
  shutdown
!
interface GigabitEthernet9/2
  no ip address
  shutdown
!
interface GigabitEthernet9/3
  no ip address
  shutdown
!
interface GigabitEthernet9/4
  no ip address
  shutdown
!
interface GigabitEthernet9/5
  no ip address
  shutdown
!
interface GigabitEthernet9/6
  no ip address
  shutdown
!
interface GigabitEthernet9/7
  no ip address
  shutdown
!
interface GigabitEthernet9/8
  no ip address
  shutdown
!
interface GigabitEthernet9/9
  no ip address
  shutdown
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet9/10
  no ip address
  shutdown
!
interface GigabitEthernet9/11
  no ip address
  shutdown
!
interface GigabitEthernet9/12
  no ip address
  shutdown
!
interface GigabitEthernet9/13
  no ip address
  shutdown
!
interface GigabitEthernet9/14
  no ip address
  shutdown
!
interface GigabitEthernet9/15
  no ip address
  shutdown
!
interface GigabitEthernet9/16
  no ip address
  shutdown
!
interface GigabitEthernet9/17
  no ip address
  shutdown
!
interface GigabitEthernet9/18
  no ip address
  shutdown
!
interface GigabitEthernet9/19
  no ip address
  shutdown
!
interface GigabitEthernet9/20
  no ip address
  shutdown
!
interface GigabitEthernet9/21
  no ip address
  shutdown
!
interface GigabitEthernet9/22
  no ip address
  shutdown
!
interface GigabitEthernet9/23
  no ip address
  shutdown
!
interface GigabitEthernet9/24
  no ip address
  shutdown
!
interface GigabitEthernet9/25
  switchport
  switchport trunk allowed vlan 100-299
  mtu 9216
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 201 mode auto
!
interface GigabitEthernet9/26
switchport
switchport trunk allowed vlan 100-299
mtu 9216
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 201 mode auto
!
interface GigabitEthernet9/27
switchport
switchport trunk allowed vlan 100-299
mtu 9216
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 201 mode auto
!
interface GigabitEthernet9/28
switchport
switchport trunk allowed vlan 100-299
mtu 9216
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 201 mode auto
!
interface GigabitEthernet9/29
switchport
switchport trunk allowed vlan 100-299
mtu 9216
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 201 mode auto
!
interface GigabitEthernet9/30
switchport
switchport trunk allowed vlan 100-299
mtu 9216
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 201 mode auto
!
interface GigabitEthernet9/31
switchport
switchport trunk allowed vlan 100-299
mtu 9216
storm-control broadcast level 80.00
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 201 mode auto
!
interface GigabitEthernet9/32
switchport
switchport trunk allowed vlan 100-299
mtu 9216
storm-control broadcast level 80.00
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
storm-control multicast level 80.00
storm-control unicast level 80.00
channel-group 201 mode auto
!
interface GigabitEthernet9/33
no ip address
shutdown
!
interface GigabitEthernet9/34
no ip address
shutdown
!
interface GigabitEthernet9/35
no ip address
shutdown
!
interface GigabitEthernet9/36
no ip address
shutdown
!
interface GigabitEthernet9/37
no ip address
shutdown
!
interface GigabitEthernet9/38
no ip address
shutdown
!
interface GigabitEthernet9/39
no ip address
shutdown
!
interface GigabitEthernet9/40
no ip address
shutdown
!
interface GigabitEthernet9/41
no ip address
shutdown
!
interface GigabitEthernet9/42
no ip address
shutdown
!
interface GigabitEthernet9/43
no ip address
shutdown
!
interface GigabitEthernet9/44
no ip address
shutdown
!
interface GigabitEthernet9/45
no ip address
shutdown
!
interface GigabitEthernet9/46
no ip address
shutdown
!
interface GigabitEthernet9/47
no ip address
shutdown
!
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface GigabitEthernet9/48
  no ip address
  shutdown
!
interface Vlan1
  no ip address
  shutdown
!
interface Vlan29
  description MANAGEMENT PORT
  ip address 10.29.22.1 255.255.0.0
!
interface Vlan50
  ip address 50.1.1.2 255.255.0.0
!
interface Vlan100
  ip address 11.0.0.1 255.255.255.0
  ip flow monitor basic3 input
  ipv6 address 11::1/64
!
interface Vlan101
  ip address 11.0.1.1 255.255.255.0
  ip flow monitor channel input
  ipv6 address 11:0:1::1/64
!
interface Vlan102
  ip address 11.0.2.1 255.255.255.0
  ip flow monitor channel input
  ipv6 address 11:0:2::1/64
!
interface Vlan103
  ip address 11.0.3.1 255.255.255.0
  ip flow monitor channel input
  ipv6 address 11:0:3::1/64
!
interface Vlan104
  ip address 11.0.4.1 255.255.255.0
  ip flow monitor channel input
  ipv6 address 11:0:4::1/64
!
interface Vlan105
  ip address 11.0.5.1 255.255.255.0
  ip flow monitor channel input
  ipv6 address 11:0:5::1/64
!
interface Vlan106
  ip address 11.0.6.1 255.255.255.0
  ip flow monitor channel input
  ipv6 address 11:0:6::1/64
!
interface Vlan107
  ip address 11.0.7.1 255.255.255.0
  ip flow monitor channel input
  ipv6 address 11:0:7::1/64
!
interface Vlan108
  ip address 11.0.8.1 255.255.255.0
  ip flow monitor channel input
  ipv6 address 11:0:8::1/64
!
interface Vlan109
  ip address 11.0.9.1 255.255.255.0
  ip flow monitor channel input
  ipv6 address 11:0:9::1/64
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan110  
 ip address 11.0.10.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:0:A::1/64  
!  
interface Vlan111  
 ip address 11.0.11.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:0:B::1/64  
!  
interface Vlan112  
 ip address 11.0.12.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:0:C::1/64  
!  
interface Vlan113  
 ip address 11.0.13.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:0:D::1/64  
!  
interface Vlan114  
 ip address 11.0.14.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:0:E::1/64  
!  
interface Vlan115  
 ip address 11.0.15.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:0:F::1/64  
!  
interface Vlan116  
 ip address 11.0.16.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:0:10::1/64  
!  
interface Vlan117  
 ip address 11.0.17.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:0:11::1/64  
!  
interface Vlan118  
 ip address 11.0.18.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:0:12::1/64  
!  
interface Vlan119  
 ip address 11.0.19.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:0:13::1/64  
!  
interface Vlan120  
 ip address 11.0.20.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:0:14::1/64  
!  
interface Vlan121  
 ip address 11.0.21.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:0:15::1/64  
!  
interface Vlan122  
 ip address 11.0.22.1 255.255.255.0  
 ip flow monitor channel input
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ipv6 address 11:0:16::1/64
!
interface Vlan123
 ip address 11.0.23.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:0:17::1/64
!
interface Vlan124
 ip address 11.0.24.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:0:18::1/64
!
interface Vlan125
 ip address 11.0.25.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:0:19::1/64
!
interface Vlan126
 ip address 11.0.26.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:0:1A::1/64
!
interface Vlan127
 ip address 11.0.27.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:0:1B::1/64
!
interface Vlan128
 ip address 11.0.28.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:0:1C::1/64
!
interface Vlan129
 ip address 11.0.29.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:0:1D::1/64
!
interface Vlan130
 ip address 11.0.30.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:0:1E::1/64
!
interface Vlan131
 ip address 11.0.31.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:0:1F::1/64
!
interface Vlan132
 ip address 11.0.32.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:0:20::1/64
!
interface Vlan133
 ip address 11.0.33.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:0:21::1/64
!
interface Vlan134
 ip address 11.0.34.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:0:22::1/64
!
interface Vlan135
 ip address 11.0.35.1 255.255.255.0
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip flow monitor channel input
ipv6 address 11:0:23::1/64
!
interface Vlan136
ip address 11.0.36.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:0:24::1/64
!
interface Vlan137
ip address 11.0.37.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:0:25::1/64
!
interface Vlan138
ip address 11.0.38.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:0:26::1/64
!
interface Vlan139
ip address 11.0.39.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:0:27::1/64
!
interface Vlan140
ip address 11.0.40.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:0:28::1/64
!
interface Vlan141
ip address 11.0.41.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:0:29::1/64
!
interface Vlan142
ip address 11.0.42.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:0:2A::1/64
!
interface Vlan143
ip address 11.0.43.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:0:2B::1/64
!
interface Vlan144
ip address 11.0.44.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:0:2C::1/64
!
interface Vlan145
ip address 11.0.45.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:0:2D::1/64
!
interface Vlan146
ip address 11.0.46.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:0:2E::1/64
!
interface Vlan147
ip address 11.0.47.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:0:2F::1/64
!
interface Vlan148
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip address 11.0.48.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:0:30::1/64
!
interface Vlan149
ip address 11.0.49.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:0:31::1/64
!
interface Vlan150
ip address 11.0.50.1 255.255.255.0
ipv6 address 11:0:32::1/64
!
interface Vlan151
ip address 11.0.51.1 255.255.255.0
ipv6 address 11:0:33::1/64
!
interface Vlan152
ip address 11.0.52.1 255.255.255.0
ipv6 address 11:0:34::1/64
!
interface Vlan153
ip address 11.0.53.1 255.255.255.0
ipv6 address 11:0:35::1/64
!
interface Vlan154
ip address 11.0.54.1 255.255.255.0
ipv6 address 11:0:36::1/64
!
interface Vlan155
ip address 11.0.55.1 255.255.255.0
ipv6 address 11:0:37::1/64
!
interface Vlan156
ip address 11.0.56.1 255.255.255.0
ipv6 address 11:0:38::1/64
!
interface Vlan157
ip address 11.0.57.1 255.255.255.0
ipv6 address 11:0:39::1/64
!
interface Vlan158
ip address 11.0.58.1 255.255.255.0
ipv6 address 11:0:3A::1/64
!
interface Vlan159
ip address 11.0.59.1 255.255.255.0
ipv6 address 11:0:3B::1/64
!
interface Vlan160
ip address 11.0.60.1 255.255.255.0
ipv6 address 11:0:3C::1/64
!
interface Vlan161
ip address 11.0.61.1 255.255.255.0
ipv6 address 11:0:3D::1/64
!
interface Vlan162
ip address 11.0.62.1 255.255.255.0
ipv6 address 11:0:3E::1/64
!
interface Vlan163
ip address 11.0.63.1 255.255.255.0
ipv6 address 11:0:3F::1/64
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan164  
 ip address 11.0.64.1 255.255.255.0  
 ipv6 address 11:0:40::1/64  
!  
interface Vlan165  
 ip address 11.0.65.1 255.255.255.0  
 ipv6 address 11:0:41::1/64  
!  
interface Vlan166  
 ip address 11.0.66.1 255.255.255.0  
 ipv6 address 11:0:42::1/64  
!  
interface Vlan167  
 ip address 11.0.67.1 255.255.255.0  
 ipv6 address 11:0:43::1/64  
!  
interface Vlan168  
 ip address 11.0.68.1 255.255.255.0  
 ipv6 address 11:0:44::1/64  
!  
interface Vlan169  
 ip address 11.0.69.1 255.255.255.0  
 ipv6 address 11:0:45::1/64  
!  
interface Vlan170  
 ip address 11.0.70.1 255.255.255.0  
 ipv6 address 11:0:46::1/64  
!  
interface Vlan171  
 ip address 11.0.71.1 255.255.255.0  
 ipv6 address 11:0:47::1/64  
!  
interface Vlan172  
 ip address 11.0.72.1 255.255.255.0  
 ipv6 address 11:0:48::1/64  
!  
interface Vlan173  
 ip address 11.0.73.1 255.255.255.0  
 ipv6 address 11:0:49::1/64  
!  
interface Vlan174  
 ip address 11.0.74.1 255.255.255.0  
 ipv6 address 11:0:4A::1/64  
!  
interface Vlan175  
 ip address 11.0.75.1 255.255.255.0  
 ipv6 address 11:0:4B::1/64  
!  
interface Vlan176  
 ip address 11.0.76.1 255.255.255.0  
 ipv6 address 11:0:4C::1/64  
!  
interface Vlan177  
 ip address 11.0.77.1 255.255.255.0  
 ipv6 address 11:0:4D::1/64  
!  
interface Vlan178  
 ip address 11.0.78.1 255.255.255.0  
 ipv6 address 11:0:4E::1/64  
!  
interface Vlan179  
 ip address 11.0.79.1 255.255.255.0  
 ipv6 address 11:0:4F::1/64
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan180  
 ip address 11.0.80.1 255.255.255.0  
 ipv6 address 11:0:50::1/64  
!  
interface Vlan181  
 ip address 11.0.81.1 255.255.255.0  
 ipv6 address 11:0:51::1/64  
!  
interface Vlan182  
 ip address 11.0.82.1 255.255.255.0  
 ipv6 address 11:0:52::1/64  
!  
interface Vlan183  
 ip address 11.0.83.1 255.255.255.0  
 ipv6 address 11:0:53::1/64  
!  
interface Vlan184  
 ip address 11.0.84.1 255.255.255.0  
 ipv6 address 11:0:54::1/64  
!  
interface Vlan185  
 ip address 11.0.85.1 255.255.255.0  
 ipv6 address 11:0:55::1/64  
!  
interface Vlan186  
 ip address 11.0.86.1 255.255.255.0  
 ipv6 address 11:0:56::1/64  
!  
interface Vlan187  
 ip address 11.0.87.1 255.255.255.0  
 ipv6 address 11:0:57::1/64  
!  
interface Vlan188  
 ip address 11.0.88.1 255.255.255.0  
 ipv6 address 11:0:58::1/64  
!  
interface Vlan189  
 ip address 11.0.89.1 255.255.255.0  
 ipv6 address 11:0:59::1/64  
!  
interface Vlan190  
 ip address 11.0.90.1 255.255.255.0  
 ipv6 address 11:0:5A::1/64  
!  
interface Vlan191  
 ip address 11.0.91.1 255.255.255.0  
 ipv6 address 11:0:5B::1/64  
!  
interface Vlan192  
 ip address 11.0.92.1 255.255.255.0  
 ipv6 address 11:0:5C::1/64  
!  
interface Vlan193  
 ip address 11.0.93.1 255.255.255.0  
 ipv6 address 11:0:5D::1/64  
!  
interface Vlan194  
 ip address 11.0.94.1 255.255.255.0  
 ipv6 address 11:0:5E::1/64  
!  
interface Vlan195  
 ip address 11.0.95.1 255.255.255.0  
 ipv6 address 11:0:5F::1/64
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan196  
 ip address 11.0.96.1 255.255.255.0  
 ipv6 address 11:0:60::1/64  
!  
interface Vlan197  
 ip address 11.0.97.1 255.255.255.0  
 ipv6 address 11:0:61::1/64  
!  
interface Vlan198  
 ip address 11.0.98.1 255.255.255.0  
 ipv6 address 11:0:62::1/64  
!  
interface Vlan199  
 ip address 11.0.99.1 255.255.255.0  
 ipv6 address 11:0:63::1/64  
!  
interface Vlan200  
 no ip address  
!  
interface Vlan201  
 no ip address  
!  
interface Vlan202  
 no ip address  
!  
interface Vlan203  
 no ip address  
!  
interface Vlan204  
 no ip address  
!  
interface Vlan205  
 no ip address  
!  
interface Vlan206  
 no ip address  
!  
interface Vlan207  
 no ip address  
!  
interface Vlan208  
 no ip address  
!  
interface Vlan209  
 no ip address  
!  
interface Vlan210  
 no ip address  
!  
interface Vlan211  
 no ip address  
!  
interface Vlan212  
 no ip address  
!  
interface Vlan213  
 no ip address  
!  
interface Vlan214  
 no ip address  
!  
interface Vlan215  
 no ip address
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan216  
  no ip address  
!  
interface Vlan217  
  no ip address  
!  
interface Vlan218  
  no ip address  
!  
interface Vlan219  
  no ip address  
!  
interface Vlan220  
  no ip address  
!  
interface Vlan221  
  no ip address  
!  
interface Vlan222  
  no ip address  
!  
interface Vlan223  
  no ip address  
!  
interface Vlan224  
  no ip address  
!  
interface Vlan225  
  no ip address  
!  
interface Vlan226  
  no ip address  
!  
interface Vlan227  
  no ip address  
!  
interface Vlan228  
  no ip address  
!  
interface Vlan229  
  no ip address  
!  
interface Vlan230  
  no ip address  
!  
interface Vlan231  
  no ip address  
!  
interface Vlan232  
  no ip address  
!  
interface Vlan233  
  no ip address  
!  
interface Vlan234  
  no ip address  
!  
interface Vlan235  
  no ip address  
!  
interface Vlan236  
  no ip address  
!
```

Show running-config



## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface Vlan237
  no ip address
!
interface Vlan238
  no ip address
!
interface Vlan239
  no ip address
!
interface Vlan240
  no ip address
!
interface Vlan241
  no ip address
!
interface Vlan242
  no ip address
!
interface Vlan243
  no ip address
!
interface Vlan244
  no ip address
!
interface Vlan245
  no ip address
!
interface Vlan246
  no ip address
!
interface Vlan247
  no ip address
!
interface Vlan248
  no ip address
!
interface Vlan249
  no ip address
!
interface Vlan250
  no ip address
!
interface Vlan251
  no ip address
!
interface Vlan252
  no ip address
!
interface Vlan253
  no ip address
!
interface Vlan254
  no ip address
!
interface Vlan255
  no ip address
!
interface Vlan256
  no ip address
!
interface Vlan257
  no ip address
!
interface Vlan258
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
no ip address
!
interface Vlan259
no ip address
!
interface Vlan260
no ip address
!
interface Vlan261
no ip address
!
interface Vlan262
no ip address
!
interface Vlan263
no ip address
!
interface Vlan264
no ip address
!
interface Vlan265
no ip address
!
interface Vlan266
no ip address
!
interface Vlan267
no ip address
!
interface Vlan268
no ip address
!
interface Vlan269
no ip address
!
interface Vlan270
no ip address
!
interface Vlan271
no ip address
!
interface Vlan272
no ip address
!
interface Vlan273
no ip address
!
interface Vlan274
no ip address
!
interface Vlan275
no ip address
!
interface Vlan276
no ip address
!
interface Vlan277
no ip address
!
interface Vlan278
no ip address
!
interface Vlan279
no ip address
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan280  
  no ip address  
!  
interface Vlan281  
  no ip address  
!  
interface Vlan282  
  no ip address  
!  
interface Vlan283  
  no ip address  
!  
interface Vlan284  
  no ip address  
!  
interface Vlan285  
  no ip address  
!  
interface Vlan286  
  no ip address  
!  
interface Vlan287  
  no ip address  
!  
interface Vlan288  
  no ip address  
!  
interface Vlan289  
  no ip address  
!  
interface Vlan290  
  no ip address  
!  
interface Vlan291  
  no ip address  
!  
interface Vlan292  
  no ip address  
!  
interface Vlan293  
  no ip address  
!  
interface Vlan294  
  no ip address  
!  
interface Vlan295  
  no ip address  
!  
interface Vlan296  
  no ip address  
!  
interface Vlan297  
  no ip address  
!  
interface Vlan298  
  no ip address  
!  
interface Vlan299  
  no ip address  
!  
interface Vlan1500  
  ip address 11.50.0.1 255.255.255.0  
  ip flow monitor channel input
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ipv6 address 11:50::1/64
!
interface Vlan1501
 ip address 11.50.1.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:1::1/64
!
interface Vlan1502
 ip address 11.50.2.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:2::1/64
!
interface Vlan1503
 ip address 11.50.3.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:3::1/64
!
interface Vlan1504
 ip address 11.50.4.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:4::1/64
!
interface Vlan1505
 ip address 11.50.5.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:5::1/64
!
interface Vlan1506
 ip address 11.50.6.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:6::1/64
!
interface Vlan1507
 ip address 11.50.7.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:7::1/64
!
interface Vlan1508
 ip address 11.50.8.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:8::1/64
!
interface Vlan1509
 ip address 11.50.9.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:9::1/64
!
interface Vlan1510
 ip address 11.50.10.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:A::1/64
!
interface Vlan1511
 ip address 11.50.11.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:B::1/64
!
interface Vlan1512
 ip address 11.50.12.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:C::1/64
!
interface Vlan1513
 ip address 11.50.13.1 255.255.255.0
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip flow monitor channel input
ipv6 address 11:50:D::1/64
!
interface Vlan1514
ip address 11.50.14.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:E::1/64
!
interface Vlan1515
ip address 11.50.15.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:F::1/64
!
interface Vlan1516
ip address 11.50.16.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:10::1/64
!
interface Vlan1517
ip address 11.50.17.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:11::1/64
!
interface Vlan1518
ip address 11.50.18.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:12::1/64
!
interface Vlan1519
ip address 11.50.19.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:13::1/64
!
interface Vlan1520
ip address 11.50.20.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:14::1/64
!
interface Vlan1521
ip address 11.50.21.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:15::1/64
!
interface Vlan1522
ip address 11.50.22.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:16::1/64
!
interface Vlan1523
ip address 11.50.23.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:17::1/64
!
interface Vlan1524
ip address 11.50.24.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:18::1/64
!
interface Vlan1525
ip address 11.50.25.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:19::1/64
!
interface Vlan1526
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip address 11.50.26.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:1A::1/64
!
interface Vlan1527
ip address 11.50.27.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:1B::1/64
!
interface Vlan1528
ip address 11.50.28.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:1C::1/64
!
interface Vlan1529
ip address 11.50.29.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:1D::1/64
!
interface Vlan1530
ip address 11.50.30.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:1E::1/64
!
interface Vlan1531
ip address 11.50.31.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:1F::1/64
!
interface Vlan1532
ip address 11.50.32.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:20::1/64
!
interface Vlan1533
ip address 11.50.33.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:21::1/64
!
interface Vlan1534
ip address 11.50.34.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:22::1/64
!
interface Vlan1535
ip address 11.50.35.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:23::1/64
!
interface Vlan1536
ip address 11.50.36.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:24::1/64
!
interface Vlan1537
ip address 11.50.37.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:25::1/64
!
interface Vlan1538
ip address 11.50.38.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:50:26::1/64
!
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface Vlan1539
 ip address 11.50.39.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:27::1/64
!
interface Vlan1540
 ip address 11.50.40.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:28::1/64
!
interface Vlan1541
 ip address 11.50.41.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:29::1/64
!
interface Vlan1542
 ip address 11.50.42.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:2A::1/64
!
interface Vlan1543
 ip address 11.50.43.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:2B::1/64
!
interface Vlan1544
 ip address 11.50.44.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:2C::1/64
!
interface Vlan1545
 ip address 11.50.45.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:2D::1/64
!
interface Vlan1546
 ip address 11.50.46.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:2E::1/64
!
interface Vlan1547
 ip address 11.50.47.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:2F::1/64
!
interface Vlan1548
 ip address 11.50.48.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:30::1/64
!
interface Vlan1549
 ip address 11.50.49.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:50:31::1/64
!
interface Vlan1550
 ip address 11.50.50.1 255.255.255.0
 ipv6 address 11:50:32::1/64
!
interface Vlan1551
 ip address 11.50.51.1 255.255.255.0
 ipv6 address 11:50:33::1/64
!
interface Vlan1552
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip address 11.50.52.1 255.255.255.0
ipv6 address 11:50:34::1/64
!
interface Vlan1553
ip address 11.50.53.1 255.255.255.0
ipv6 address 11:50:35::1/64
!
interface Vlan1554
ip address 11.50.54.1 255.255.255.0
ipv6 address 11:50:36::1/64
!
interface Vlan1555
ip address 11.50.55.1 255.255.255.0
ipv6 address 11:50:37::1/64
!
interface Vlan1556
ip address 11.50.56.1 255.255.255.0
ipv6 address 11:50:38::1/64
!
interface Vlan1557
ip address 11.50.57.1 255.255.255.0
ipv6 address 11:50:39::1/64
!
interface Vlan1558
ip address 11.50.58.1 255.255.255.0
ipv6 address 11:50:3A::1/64
!
interface Vlan1559
ip address 11.50.59.1 255.255.255.0
ipv6 address 11:50:3B::1/64
!
interface Vlan1560
ip address 11.50.60.1 255.255.255.0
ipv6 address 11:50:3C::1/64
!
interface Vlan1561
ip address 11.50.61.1 255.255.255.0
ipv6 address 11:50:3D::1/64
!
interface Vlan1562
ip address 11.50.62.1 255.255.255.0
ipv6 address 11:50:3E::1/64
!
interface Vlan1563
ip address 11.50.63.1 255.255.255.0
ipv6 address 11:50:3F::1/64
!
interface Vlan1564
ip address 11.50.64.1 255.255.255.0
ipv6 address 11:50:40::1/64
!
interface Vlan1565
ip address 11.50.65.1 255.255.255.0
ipv6 address 11:50:41::1/64
!
interface Vlan1566
ip address 11.50.66.1 255.255.255.0
ipv6 address 11:50:42::1/64
!
interface Vlan1567
ip address 11.50.67.1 255.255.255.0
ipv6 address 11:50:43::1/64
!
interface Vlan1568
```

Show running-config



## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip address 11.50.68.1 255.255.255.0
ipv6 address 11:50:44::1/64
!
interface Vlan1569
ip address 11.50.69.1 255.255.255.0
ipv6 address 11:50:45::1/64
!
interface Vlan1570
ip address 11.50.70.1 255.255.255.0
ipv6 address 11:50:46::1/64
!
interface Vlan1571
ip address 11.50.71.1 255.255.255.0
ipv6 address 11:50:47::1/64
!
interface Vlan1572
ip address 11.50.72.1 255.255.255.0
ipv6 address 11:50:48::1/64
!
interface Vlan1573
ip address 11.50.73.1 255.255.255.0
ipv6 address 11:50:49::1/64
!
interface Vlan1574
ip address 11.50.74.1 255.255.255.0
ipv6 address 11:50:4A::1/64
!
interface Vlan1575
ip address 11.50.75.1 255.255.255.0
ipv6 address 11:50:4B::1/64
!
interface Vlan1576
ip address 11.50.76.1 255.255.255.0
ipv6 address 11:50:4C::1/64
!
interface Vlan1577
ip address 11.50.77.1 255.255.255.0
ipv6 address 11:50:4D::1/64
!
interface Vlan1578
ip address 11.50.78.1 255.255.255.0
ipv6 address 11:50:4E::1/64
!
interface Vlan1579
ip address 11.50.79.1 255.255.255.0
ipv6 address 11:50:4F::1/64
!
interface Vlan1580
ip address 11.50.80.1 255.255.255.0
ipv6 address 11:50:50::1/64
!
interface Vlan1581
ip address 11.50.81.1 255.255.255.0
ipv6 address 11:50:51::1/64
!
interface Vlan1582
ip address 11.50.82.1 255.255.255.0
ipv6 address 11:50:52::1/64
!
interface Vlan1583
ip address 11.50.83.1 255.255.255.0
ipv6 address 11:50:53::1/64
!
interface Vlan1584
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip address 11.50.84.1 255.255.255.0
ipv6 address 11:50:54::1/64
!
interface Vlan1585
ip address 11.50.85.1 255.255.255.0
ipv6 address 11:50:55::1/64
!
interface Vlan1586
ip address 11.50.86.1 255.255.255.0
ipv6 address 11:50:56::1/64
!
interface Vlan1587
ip address 11.50.87.1 255.255.255.0
ipv6 address 11:50:57::1/64
!
interface Vlan1588
ip address 11.50.88.1 255.255.255.0
ipv6 address 11:50:58::1/64
!
interface Vlan1589
ip address 11.50.89.1 255.255.255.0
ipv6 address 11:50:59::1/64
!
interface Vlan1590
ip address 11.50.90.1 255.255.255.0
ipv6 address 11:50:5A::1/64
!
interface Vlan1591
ip address 11.50.91.1 255.255.255.0
ipv6 address 11:50:5B::1/64
!
interface Vlan1592
ip address 11.50.92.1 255.255.255.0
ipv6 address 11:50:5C::1/64
!
interface Vlan1593
ip address 11.50.93.1 255.255.255.0
ipv6 address 11:50:5D::1/64
!
interface Vlan1594
ip address 11.50.94.1 255.255.255.0
ipv6 address 11:50:5E::1/64
!
interface Vlan1595
ip address 11.50.95.1 255.255.255.0
ipv6 address 11:50:5F::1/64
!
interface Vlan1596
ip address 11.50.96.1 255.255.255.0
ipv6 address 11:50:60::1/64
!
interface Vlan1597
ip address 11.50.97.1 255.255.255.0
ipv6 address 11:50:61::1/64
!
interface Vlan1598
ip address 11.50.98.1 255.255.255.0
ipv6 address 11:50:62::1/64
!
interface Vlan1599
ip address 11.50.99.1 255.255.255.0
ipv6 address 11:50:63::1/64
!
interface Vlan1600
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
no ip address
!
interface Vlan1601
no ip address
!
interface Vlan1602
no ip address
!
interface Vlan1603
no ip address
!
interface Vlan1604
no ip address
!
interface Vlan1605
no ip address
!
interface Vlan1606
no ip address
!
interface Vlan1607
no ip address
!
interface Vlan1608
no ip address
!
interface Vlan1609
no ip address
!
interface Vlan1610
no ip address
!
interface Vlan1611
no ip address
!
interface Vlan1612
no ip address
!
interface Vlan1613
no ip address
!
interface Vlan1614
no ip address
!
interface Vlan1615
no ip address
!
interface Vlan1616
no ip address
!
interface Vlan1617
no ip address
!
interface Vlan1618
no ip address
!
interface Vlan1619
no ip address
!
interface Vlan1620
no ip address
!
interface Vlan1621
no ip address
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan1622  
  no ip address  
!  
interface Vlan1623  
  no ip address  
!  
interface Vlan1624  
  no ip address  
!  
interface Vlan1625  
  no ip address  
!  
interface Vlan1626  
  no ip address  
!  
interface Vlan1627  
  no ip address  
!  
interface Vlan1628  
  no ip address  
!  
interface Vlan1629  
  no ip address  
!  
interface Vlan1630  
  no ip address  
!  
interface Vlan1631  
  no ip address  
!  
interface Vlan1632  
  no ip address  
!  
interface Vlan1633  
  no ip address  
!  
interface Vlan1634  
  no ip address  
!  
interface Vlan1635  
  no ip address  
!  
interface Vlan1636  
  no ip address  
!  
interface Vlan1637  
  no ip address  
!  
interface Vlan1638  
  no ip address  
!  
interface Vlan1639  
  no ip address  
!  
interface Vlan1640  
  no ip address  
!  
interface Vlan1641  
  no ip address  
!  
interface Vlan1642  
  no ip address  
!
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface Vlan1643
  no ip address
!
interface Vlan1644
  no ip address
!
interface Vlan1645
  no ip address
!
interface Vlan1646
  no ip address
!
interface Vlan1647
  no ip address
!
interface Vlan1648
  no ip address
!
interface Vlan1649
  no ip address
!
interface Vlan1650
  no ip address
!
interface Vlan1651
  no ip address
!
interface Vlan1652
  no ip address
!
interface Vlan1653
  no ip address
!
interface Vlan1654
  no ip address
!
interface Vlan1655
  no ip address
!
interface Vlan1656
  no ip address
!
interface Vlan1657
  no ip address
!
interface Vlan1658
  no ip address
!
interface Vlan1659
  no ip address
!
interface Vlan1660
  no ip address
!
interface Vlan1661
  no ip address
!
interface Vlan1662
  no ip address
!
interface Vlan1663
  no ip address
!
interface Vlan1664
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
no ip address
!
interface Vlan1665
no ip address
!
interface Vlan1666
no ip address
!
interface Vlan1667
no ip address
!
interface Vlan1668
no ip address
!
interface Vlan1669
no ip address
!
interface Vlan1670
no ip address
!
interface Vlan1671
no ip address
!
interface Vlan1672
no ip address
!
interface Vlan1673
no ip address
!
interface Vlan1674
no ip address
!
interface Vlan1675
no ip address
!
interface Vlan1676
no ip address
!
interface Vlan1677
no ip address
!
interface Vlan1678
no ip address
!
interface Vlan1679
no ip address
!
interface Vlan1680
no ip address
!
interface Vlan1681
no ip address
!
interface Vlan1682
no ip address
!
interface Vlan1683
no ip address
!
interface Vlan1684
no ip address
!
interface Vlan1685
no ip address
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan1686  
  no ip address  
!  
interface Vlan1687  
  no ip address  
!  
interface Vlan1688  
  no ip address  
!  
interface Vlan1689  
  no ip address  
!  
interface Vlan1690  
  no ip address  
!  
interface Vlan1691  
  no ip address  
!  
interface Vlan1692  
  no ip address  
!  
interface Vlan1693  
  no ip address  
!  
interface Vlan1694  
  no ip address  
!  
interface Vlan1695  
  no ip address  
!  
interface Vlan1696  
  no ip address  
!  
interface Vlan1697  
  no ip address  
!  
interface Vlan1698  
  no ip address  
!  
interface Vlan1699  
  no ip address  
!  
interface Vlan1700  
  ip address 11.100.0.1 255.255.255.0  
  ip flow monitor channel input  
  ipv6 address 11:100::1/64  
!  
interface Vlan1701  
  ip address 11.100.1.1 255.255.255.0  
  ip flow monitor channel input  
  ipv6 address 11:100:1::1/64  
!  
interface Vlan1702  
  ip address 11.100.2.1 255.255.255.0  
  ip flow monitor channel input  
  ipv6 address 11:100:2::1/64  
!  
interface Vlan1703  
  ip address 11.100.3.1 255.255.255.0  
  ip flow monitor channel input  
  ipv6 address 11:100:3::1/64  
!  
interface Vlan1704
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip address 11.100.4.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:100:4::1/64
!
interface Vlan1705
ip address 11.100.5.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:100:5::1/64
!
interface Vlan1706
ip address 11.100.6.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:100:6::1/64
!
interface Vlan1707
ip address 11.100.7.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:100:7::1/64
!
interface Vlan1708
ip address 11.100.8.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:100:8::1/64
!
interface Vlan1709
ip address 11.100.9.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:100:9::1/64
!
interface Vlan1710
ip address 11.100.10.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:100:A::1/64
!
interface Vlan1711
ip address 11.100.11.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:100:B::1/64
!
interface Vlan1712
ip address 11.100.12.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:100:C::1/64
!
interface Vlan1713
ip address 11.100.13.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:100:D::1/64
!
interface Vlan1714
ip address 11.100.14.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:100:E::1/64
!
interface Vlan1715
ip address 11.100.15.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:100:F::1/64
!
interface Vlan1716
ip address 11.100.16.1 255.255.255.0
ip flow monitor channel input
ipv6 address 11:100:10::1/64
!
```

Show running-config



## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface Vlan1717
 ip address 11.100.17.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:11::1/64
!
interface Vlan1718
 ip address 11.100.18.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:12::1/64
!
interface Vlan1719
 ip address 11.100.19.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:13::1/64
!
interface Vlan1720
 ip address 11.100.20.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:14::1/64
!
interface Vlan1721
 ip address 11.100.21.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:15::1/64
!
interface Vlan1722
 ip address 11.100.22.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:16::1/64
!
interface Vlan1723
 ip address 11.100.23.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:17::1/64
!
interface Vlan1724
 ip address 11.100.24.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:18::1/64
!
interface Vlan1725
 ip address 11.100.25.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:19::1/64
!
interface Vlan1726
 ip address 11.100.26.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:1A::1/64
!
interface Vlan1727
 ip address 11.100.27.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:1B::1/64
!
interface Vlan1728
 ip address 11.100.28.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:1C::1/64
!
interface Vlan1729
 ip address 11.100.29.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:1D::1/64
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan1730  
 ip address 11.100.30.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:100:1E::1/64  
!  
interface Vlan1731  
 ip address 11.100.31.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:100:1F::1/64  
!  
interface Vlan1732  
 ip address 11.100.32.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:100:20::1/64  
!  
interface Vlan1733  
 ip address 11.100.33.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:100:21::1/64  
!  
interface Vlan1734  
 ip address 11.100.34.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:100:22::1/64  
!  
interface Vlan1735  
 ip address 11.100.35.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:100:23::1/64  
!  
interface Vlan1736  
 ip address 11.100.36.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:100:24::1/64  
!  
interface Vlan1737  
 ip address 11.100.37.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:100:25::1/64  
!  
interface Vlan1738  
 ip address 11.100.38.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:100:26::1/64  
!  
interface Vlan1739  
 ip address 11.100.39.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:100:27::1/64  
!  
interface Vlan1740  
 ip address 11.100.40.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:100:28::1/64  
!  
interface Vlan1741  
 ip address 11.100.41.1 255.255.255.0  
 ip flow monitor channel input  
 ipv6 address 11:100:29::1/64  
!  
interface Vlan1742  
 ip address 11.100.42.1 255.255.255.0  
 ip flow monitor channel input
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ipv6 address 11:100:2A::1/64
!
interface Vlan1743
 ip address 11.100.43.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:2B::1/64
!
interface Vlan1744
 ip address 11.100.44.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:2C::1/64
!
interface Vlan1745
 ip address 11.100.45.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:2D::1/64
!
interface Vlan1746
 ip address 11.100.46.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:2E::1/64
!
interface Vlan1747
 ip address 11.100.47.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:2F::1/64
!
interface Vlan1748
 ip address 11.100.48.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:30::1/64
!
interface Vlan1749
 ip address 11.100.49.1 255.255.255.0
 ip flow monitor channel input
 ipv6 address 11:100:31::1/64
!
interface Vlan1750
 ip address 11.100.50.1 255.255.255.0
 ipv6 address 11:100:32::1/64
!
interface Vlan1751
 ip address 11.100.51.1 255.255.255.0
 ipv6 address 11:100:33::1/64
!
interface Vlan1752
 ip address 11.100.52.1 255.255.255.0
 ipv6 address 11:100:34::1/64
!
interface Vlan1753
 ip address 11.100.53.1 255.255.255.0
 ipv6 address 11:100:35::1/64
!
interface Vlan1754
 ip address 11.100.54.1 255.255.255.0
 ipv6 address 11:100:36::1/64
!
interface Vlan1755
 ip address 11.100.55.1 255.255.255.0
 ipv6 address 11:100:37::1/64
!
interface Vlan1756
 ip address 11.100.56.1 255.255.255.0
 ipv6 address 11:100:38::1/64
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan1757  
 ip address 11.100.57.1 255.255.255.0  
 ipv6 address 11:100:39::1/64  
!  
interface Vlan1758  
 ip address 11.100.58.1 255.255.255.0  
 ipv6 address 11:100:3A::1/64  
!  
interface Vlan1759  
 ip address 11.100.59.1 255.255.255.0  
 ipv6 address 11:100:3B::1/64  
!  
interface Vlan1760  
 ip address 11.100.60.1 255.255.255.0  
 ipv6 address 11:100:3C::1/64  
!  
interface Vlan1761  
 ip address 11.100.61.1 255.255.255.0  
 ipv6 address 11:100:3D::1/64  
!  
interface Vlan1762  
 ip address 11.100.62.1 255.255.255.0  
 ipv6 address 11:100:3E::1/64  
!  
interface Vlan1763  
 ip address 11.100.63.1 255.255.255.0  
 ipv6 address 11:100:3F::1/64  
!  
interface Vlan1764  
 ip address 11.100.64.1 255.255.255.0  
 ipv6 address 11:100:40::1/64  
!  
interface Vlan1765  
 ip address 11.100.65.1 255.255.255.0  
 ipv6 address 11:100:41::1/64  
!  
interface Vlan1766  
 ip address 11.100.66.1 255.255.255.0  
 ipv6 address 11:100:42::1/64  
!  
interface Vlan1767  
 ip address 11.100.67.1 255.255.255.0  
 ipv6 address 11:100:43::1/64  
!  
interface Vlan1768  
 ip address 11.100.68.1 255.255.255.0  
 ipv6 address 11:100:44::1/64  
!  
interface Vlan1769  
 ip address 11.100.69.1 255.255.255.0  
 ipv6 address 11:100:45::1/64  
!  
interface Vlan1770  
 ip address 11.100.70.1 255.255.255.0  
 ipv6 address 11:100:46::1/64  
!  
interface Vlan1771  
 ip address 11.100.71.1 255.255.255.0  
 ipv6 address 11:100:47::1/64  
!  
interface Vlan1772  
 ip address 11.100.72.1 255.255.255.0  
 ipv6 address 11:100:48::1/64
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan1773  
 ip address 11.100.73.1 255.255.255.0  
 ipv6 address 11:100:49::1/64  
!  
interface Vlan1774  
 ip address 11.100.74.1 255.255.255.0  
 ipv6 address 11:100:4A::1/64  
!  
interface Vlan1775  
 ip address 11.100.75.1 255.255.255.0  
 ipv6 address 11:100:4B::1/64  
!  
interface Vlan1776  
 ip address 11.100.76.1 255.255.255.0  
 ipv6 address 11:100:4C::1/64  
!  
interface Vlan1777  
 ip address 11.100.77.1 255.255.255.0  
 ipv6 address 11:100:4D::1/64  
!  
interface Vlan1778  
 ip address 11.100.78.1 255.255.255.0  
 ipv6 address 11:100:4E::1/64  
!  
interface Vlan1779  
 ip address 11.100.79.1 255.255.255.0  
 ipv6 address 11:100:4F::1/64  
!  
interface Vlan1780  
 ip address 11.100.80.1 255.255.255.0  
 ipv6 address 11:100:50::1/64  
!  
interface Vlan1781  
 ip address 11.100.81.1 255.255.255.0  
 ipv6 address 11:100:51::1/64  
!  
interface Vlan1782  
 ip address 11.100.82.1 255.255.255.0  
 ipv6 address 11:100:52::1/64  
!  
interface Vlan1783  
 ip address 11.100.83.1 255.255.255.0  
 ipv6 address 11:100:53::1/64  
!  
interface Vlan1784  
 ip address 11.100.84.1 255.255.255.0  
 ipv6 address 11:100:54::1/64  
!  
interface Vlan1785  
 ip address 11.100.85.1 255.255.255.0  
 ipv6 address 11:100:55::1/64  
!  
interface Vlan1786  
 ip address 11.100.86.1 255.255.255.0  
 ipv6 address 11:100:56::1/64  
!  
interface Vlan1787  
 ip address 11.100.87.1 255.255.255.0  
 ipv6 address 11:100:57::1/64  
!  
interface Vlan1788  
 ip address 11.100.88.1 255.255.255.0  
 ipv6 address 11:100:58::1/64
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan1789  
  ip address 11.100.89.1 255.255.255.0  
  ipv6 address 11:100:59::1/64  
!  
interface Vlan1790  
  ip address 11.100.90.1 255.255.255.0  
  ipv6 address 11:100:5A::1/64  
!  
interface Vlan1791  
  ip address 11.100.91.1 255.255.255.0  
  ipv6 address 11:100:5B::1/64  
!  
interface Vlan1792  
  ip address 11.100.92.1 255.255.255.0  
  ipv6 address 11:100:5C::1/64  
!  
interface Vlan1793  
  ip address 11.100.93.1 255.255.255.0  
  ipv6 address 11:100:5D::1/64  
!  
interface Vlan1794  
  ip address 11.100.94.1 255.255.255.0  
  ipv6 address 11:100:5E::1/64  
!  
interface Vlan1795  
  ip address 11.100.95.1 255.255.255.0  
  ipv6 address 11:100:5F::1/64  
!  
interface Vlan1796  
  ip address 11.100.96.1 255.255.255.0  
  ipv6 address 11:100:60::1/64  
!  
interface Vlan1797  
  ip address 11.100.97.1 255.255.255.0  
  ipv6 address 11:100:61::1/64  
!  
interface Vlan1798  
  ip address 11.100.98.1 255.255.255.0  
  ipv6 address 11:100:62::1/64  
!  
interface Vlan1799  
  ip address 11.100.99.1 255.255.255.0  
  ipv6 address 11:100:63::1/64  
!  
interface Vlan1800  
  no ip address  
!  
interface Vlan1801  
  no ip address  
!  
interface Vlan1802  
  no ip address  
!  
interface Vlan1803  
  no ip address  
!  
interface Vlan1804  
  no ip address  
!  
interface Vlan1805  
  no ip address  
!  
interface Vlan1806
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
no ip address
!
interface Vlan1807
no ip address
!
interface Vlan1808
no ip address
!
interface Vlan1809
no ip address
!
interface Vlan1810
no ip address
!
interface Vlan1811
no ip address
!
interface Vlan1812
no ip address
!
interface Vlan1813
no ip address
!
interface Vlan1814
no ip address
!
interface Vlan1815
no ip address
!
interface Vlan1816
no ip address
!
interface Vlan1817
no ip address
!
interface Vlan1818
no ip address
!
interface Vlan1819
no ip address
!
interface Vlan1820
no ip address
!
interface Vlan1821
no ip address
!
interface Vlan1822
no ip address
!
interface Vlan1823
no ip address
!
interface Vlan1824
no ip address
!
interface Vlan1825
no ip address
!
interface Vlan1826
no ip address
!
interface Vlan1827
no ip address
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan1828  
  no ip address  
!  
interface Vlan1829  
  no ip address  
!  
interface Vlan1830  
  no ip address  
!  
interface Vlan1831  
  no ip address  
!  
interface Vlan1832  
  no ip address  
!  
interface Vlan1833  
  no ip address  
!  
interface Vlan1834  
  no ip address  
!  
interface Vlan1835  
  no ip address  
!  
interface Vlan1836  
  no ip address  
!  
interface Vlan1837  
  no ip address  
!  
interface Vlan1838  
  no ip address  
!  
interface Vlan1839  
  no ip address  
!  
interface Vlan1840  
  no ip address  
!  
interface Vlan1841  
  no ip address  
!  
interface Vlan1842  
  no ip address  
!  
interface Vlan1843  
  no ip address  
!  
interface Vlan1844  
  no ip address  
!  
interface Vlan1845  
  no ip address  
!  
interface Vlan1846  
  no ip address  
!  
interface Vlan1847  
  no ip address  
!  
interface Vlan1848  
  no ip address  
!
```

Show running-config



## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
interface Vlan1849
  no ip address
!
interface Vlan1850
  no ip address
!
interface Vlan1851
  no ip address
!
interface Vlan1852
  no ip address
!
interface Vlan1853
  no ip address
!
interface Vlan1854
  no ip address
!
interface Vlan1855
  no ip address
!
interface Vlan1856
  no ip address
!
interface Vlan1857
  no ip address
!
interface Vlan1858
  no ip address
!
interface Vlan1859
  no ip address
!
interface Vlan1860
  no ip address
!
interface Vlan1861
  no ip address
!
interface Vlan1862
  no ip address
!
interface Vlan1863
  no ip address
!
interface Vlan1864
  no ip address
!
interface Vlan1865
  no ip address
!
interface Vlan1866
  no ip address
!
interface Vlan1867
  no ip address
!
interface Vlan1868
  no ip address
!
interface Vlan1869
  no ip address
!
interface Vlan1870
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
no ip address
!
interface Vlan1871
no ip address
!
interface Vlan1872
no ip address
!
interface Vlan1873
no ip address
!
interface Vlan1874
no ip address
!
interface Vlan1875
no ip address
!
interface Vlan1876
no ip address
!
interface Vlan1877
no ip address
!
interface Vlan1878
no ip address
!
interface Vlan1879
no ip address
!
interface Vlan1880
no ip address
!
interface Vlan1881
no ip address
!
interface Vlan1882
no ip address
!
interface Vlan1883
no ip address
!
interface Vlan1884
no ip address
!
interface Vlan1885
no ip address
!
interface Vlan1886
no ip address
!
interface Vlan1887
no ip address
!
interface Vlan1888
no ip address
!
interface Vlan1889
no ip address
!
interface Vlan1890
no ip address
!
interface Vlan1891
no ip address
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan1892  
  no ip address  
!  
interface Vlan1893  
  no ip address  
!  
interface Vlan1894  
  no ip address  
!  
interface Vlan1895  
  no ip address  
!  
interface Vlan1896  
  no ip address  
!  
interface Vlan1897  
  no ip address  
!  
interface Vlan1898  
  no ip address  
!  
interface Vlan1899  
  no ip address  
!  
interface Vlan1900  
  ip address 11.150.0.1 255.255.255.0  
  ipv6 address 11:150::1/64  
!  
interface Vlan1901  
  ip address 11.150.1.1 255.255.255.0  
  ipv6 address 11:150:1::1/64  
!  
interface Vlan1902  
  ip address 11.150.2.1 255.255.255.0  
  ipv6 address 11:150:2::1/64  
!  
interface Vlan1903  
  ip address 11.150.3.1 255.255.255.0  
  ipv6 address 11:150:3::1/64  
!  
interface Vlan1904  
  ip address 11.150.4.1 255.255.255.0  
  ipv6 address 11:150:4::1/64  
!  
interface Vlan1905  
  ip address 11.150.5.1 255.255.255.0  
  ipv6 address 11:150:5::1/64  
!  
interface Vlan1906  
  ip address 11.150.6.1 255.255.255.0  
  ipv6 address 11:150:6::1/64  
!  
interface Vlan1907  
  ip address 11.150.7.1 255.255.255.0  
  ipv6 address 11:150:7::1/64  
!  
interface Vlan1908  
  ip address 11.150.8.1 255.255.255.0  
  ipv6 address 11:150:8::1/64  
!  
interface Vlan1909  
  ip address 11.150.9.1 255.255.255.0  
  ipv6 address 11:150:9::1/64
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan1910  
 ip address 11.150.10.1 255.255.255.0  
 ipv6 address 11:150:A::1/64  
!  
interface Vlan1911  
 ip address 11.150.11.1 255.255.255.0  
 ipv6 address 11:150:B::1/64  
!  
interface Vlan1912  
 ip address 11.150.12.1 255.255.255.0  
 ipv6 address 11:150:C::1/64  
!  
interface Vlan1913  
 ip address 11.150.13.1 255.255.255.0  
 ipv6 address 11:150:D::1/64  
!  
interface Vlan1914  
 ip address 11.150.14.1 255.255.255.0  
 ipv6 address 11:150:E::1/64  
!  
interface Vlan1915  
 ip address 11.150.15.1 255.255.255.0  
 ipv6 address 11:150:F::1/64  
!  
interface Vlan1916  
 ip address 11.150.16.1 255.255.255.0  
 ipv6 address 11:150:10::1/64  
!  
interface Vlan1917  
 ip address 11.150.17.1 255.255.255.0  
 ipv6 address 11:150:11::1/64  
!  
interface Vlan1918  
 ip address 11.150.18.1 255.255.255.0  
 ipv6 address 11:150:12::1/64  
!  
interface Vlan1919  
 ip address 11.150.19.1 255.255.255.0  
 ipv6 address 11:150:13::1/64  
!  
interface Vlan1920  
 ip address 11.150.20.1 255.255.255.0  
 ipv6 address 11:150:14::1/64  
!  
interface Vlan1921  
 ip address 11.150.21.1 255.255.255.0  
 ipv6 address 11:150:15::1/64  
!  
interface Vlan1922  
 ip address 11.150.22.1 255.255.255.0  
 ipv6 address 11:150:16::1/64  
!  
interface Vlan1923  
 ip address 11.150.23.1 255.255.255.0  
 ipv6 address 11:150:17::1/64  
!  
interface Vlan1924  
 ip address 11.150.24.1 255.255.255.0  
 ipv6 address 11:150:18::1/64  
!  
interface Vlan1925  
 ip address 11.150.25.1 255.255.255.0  
 ipv6 address 11:150:19::1/64
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan1926  
 ip address 11.150.26.1 255.255.255.0  
 ipv6 address 11:150:1A::1/64  
!  
interface Vlan1927  
 ip address 11.150.27.1 255.255.255.0  
 ipv6 address 11:150:1B::1/64  
!  
interface Vlan1928  
 ip address 11.150.28.1 255.255.255.0  
 ipv6 address 11:150:1C::1/64  
!  
interface Vlan1929  
 ip address 11.150.29.1 255.255.255.0  
 ipv6 address 11:150:1D::1/64  
!  
interface Vlan1930  
 ip address 11.150.30.1 255.255.255.0  
 ipv6 address 11:150:1E::1/64  
!  
interface Vlan1931  
 ip address 11.150.31.1 255.255.255.0  
 ipv6 address 11:150:1F::1/64  
!  
interface Vlan1932  
 ip address 11.150.32.1 255.255.255.0  
 ipv6 address 11:150:20::1/64  
!  
interface Vlan1933  
 ip address 11.150.33.1 255.255.255.0  
 ipv6 address 11:150:21::1/64  
!  
interface Vlan1934  
 ip address 11.150.34.1 255.255.255.0  
 ipv6 address 11:150:22::1/64  
!  
interface Vlan1935  
 ip address 11.150.35.1 255.255.255.0  
 ipv6 address 11:150:23::1/64  
!  
interface Vlan1936  
 ip address 11.150.36.1 255.255.255.0  
 ipv6 address 11:150:24::1/64  
!  
interface Vlan1937  
 ip address 11.150.37.1 255.255.255.0  
 ipv6 address 11:150:25::1/64  
!  
interface Vlan1938  
 ip address 11.150.38.1 255.255.255.0  
 ipv6 address 11:150:26::1/64  
!  
interface Vlan1939  
 ip address 11.150.39.1 255.255.255.0  
 ipv6 address 11:150:27::1/64  
!  
interface Vlan1940  
 ip address 11.150.40.1 255.255.255.0  
 ipv6 address 11:150:28::1/64  
!  
interface Vlan1941  
 ip address 11.150.41.1 255.255.255.0  
 ipv6 address 11:150:29::1/64
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan1942  
 ip address 11.150.42.1 255.255.255.0  
 ipv6 address 11:150:2A::1/64  
!  
interface Vlan1943  
 ip address 11.150.43.1 255.255.255.0  
 ipv6 address 11:150:2B::1/64  
!  
interface Vlan1944  
 ip address 11.150.44.1 255.255.255.0  
 ipv6 address 11:150:2C::1/64  
!  
interface Vlan1945  
 ip address 11.150.45.1 255.255.255.0  
 ipv6 address 11:150:2D::1/64  
!  
interface Vlan1946  
 ip address 11.150.46.1 255.255.255.0  
 ipv6 address 11:150:2E::1/64  
!  
interface Vlan1947  
 ip address 11.150.47.1 255.255.255.0  
 ipv6 address 11:150:2F::1/64  
!  
interface Vlan1948  
 ip address 11.150.48.1 255.255.255.0  
 ipv6 address 11:150:30::1/64  
!  
interface Vlan1949  
 ip address 11.150.49.1 255.255.255.0  
 ipv6 address 11:150:31::1/64  
!  
interface Vlan1950  
 ip address 11.150.50.1 255.255.255.0  
 ipv6 address 11:150:32::1/64  
!  
interface Vlan1951  
 ip address 11.150.51.1 255.255.255.0  
 ipv6 address 11:150:33::1/64  
!  
interface Vlan1952  
 ip address 11.150.52.1 255.255.255.0  
 ipv6 address 11:150:34::1/64  
!  
interface Vlan1953  
 ip address 11.150.53.1 255.255.255.0  
 ipv6 address 11:150:35::1/64  
!  
interface Vlan1954  
 ip address 11.150.54.1 255.255.255.0  
 ipv6 address 11:150:36::1/64  
!  
interface Vlan1955  
 ip address 11.150.55.1 255.255.255.0  
 ipv6 address 11:150:37::1/64  
!  
interface Vlan1956  
 ip address 11.150.56.1 255.255.255.0  
 ipv6 address 11:150:38::1/64  
!  
interface Vlan1957  
 ip address 11.150.57.1 255.255.255.0  
 ipv6 address 11:150:39::1/64
```

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## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan1958  
 ip address 11.150.58.1 255.255.255.0  
 ipv6 address 11:150:3A::1/64  
!  
interface Vlan1959  
 ip address 11.150.59.1 255.255.255.0  
 ipv6 address 11:150:3B::1/64  
!  
interface Vlan1960  
 ip address 11.150.60.1 255.255.255.0  
 ipv6 address 11:150:3C::1/64  
!  
interface Vlan1961  
 ip address 11.150.61.1 255.255.255.0  
 ipv6 address 11:150:3D::1/64  
!  
interface Vlan1962  
 ip address 11.150.62.1 255.255.255.0  
 ipv6 address 11:150:3E::1/64  
!  
interface Vlan1963  
 ip address 11.150.63.1 255.255.255.0  
 ipv6 address 11:150:3F::1/64  
!  
interface Vlan1964  
 ip address 11.150.64.1 255.255.255.0  
 ipv6 address 11:150:40::1/64  
!  
interface Vlan1965  
 ip address 11.150.65.1 255.255.255.0  
 ipv6 address 11:150:41::1/64  
!  
interface Vlan1966  
 ip address 11.150.66.1 255.255.255.0  
 ipv6 address 11:150:42::1/64  
!  
interface Vlan1967  
 ip address 11.150.67.1 255.255.255.0  
 ipv6 address 11:150:43::1/64  
!  
interface Vlan1968  
 ip address 11.150.68.1 255.255.255.0  
 ipv6 address 11:150:44::1/64  
!  
interface Vlan1969  
 ip address 11.150.69.1 255.255.255.0  
 ipv6 address 11:150:45::1/64  
!  
interface Vlan1970  
 ip address 11.150.70.1 255.255.255.0  
 ipv6 address 11:150:46::1/64  
!  
interface Vlan1971  
 ip address 11.150.71.1 255.255.255.0  
 ipv6 address 11:150:47::1/64  
!  
interface Vlan1972  
 ip address 11.150.72.1 255.255.255.0  
 ipv6 address 11:150:48::1/64  
!  
interface Vlan1973  
 ip address 11.150.73.1 255.255.255.0  
 ipv6 address 11:150:49::1/64
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan1974  
 ip address 11.150.74.1 255.255.255.0  
 ipv6 address 11:150:4A::1/64  
!  
interface Vlan1975  
 ip address 11.150.75.1 255.255.255.0  
 ipv6 address 11:150:4B::1/64  
!  
interface Vlan1976  
 ip address 11.150.76.1 255.255.255.0  
 ipv6 address 11:150:4C::1/64  
!  
interface Vlan1977  
 ip address 11.150.77.1 255.255.255.0  
 ipv6 address 11:150:4D::1/64  
!  
interface Vlan1978  
 ip address 11.150.78.1 255.255.255.0  
 ipv6 address 11:150:4E::1/64  
!  
interface Vlan1979  
 ip address 11.150.79.1 255.255.255.0  
 ipv6 address 11:150:4F::1/64  
!  
interface Vlan1980  
 ip address 11.150.80.1 255.255.255.0  
 ipv6 address 11:150:50::1/64  
!  
interface Vlan1981  
 ip address 11.150.81.1 255.255.255.0  
 ipv6 address 11:150:51::1/64  
!  
interface Vlan1982  
 ip address 11.150.82.1 255.255.255.0  
 ipv6 address 11:150:52::1/64  
!  
interface Vlan1983  
 ip address 11.150.83.1 255.255.255.0  
 ipv6 address 11:150:53::1/64  
!  
interface Vlan1984  
 ip address 11.150.84.1 255.255.255.0  
 ipv6 address 11:150:54::1/64  
!  
interface Vlan1985  
 ip address 11.150.85.1 255.255.255.0  
 ipv6 address 11:150:55::1/64  
!  
interface Vlan1986  
 ip address 11.150.86.1 255.255.255.0  
 ipv6 address 11:150:56::1/64  
!  
interface Vlan1987  
 ip address 11.150.87.1 255.255.255.0  
 ipv6 address 11:150:57::1/64  
!  
interface Vlan1988  
 ip address 11.150.88.1 255.255.255.0  
 ipv6 address 11:150:58::1/64  
!  
interface Vlan1989  
 ip address 11.150.89.1 255.255.255.0  
 ipv6 address 11:150:59::1/64
```

Show running-config



## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan1990  
 ip address 11.150.90.1 255.255.255.0  
 ipv6 address 11:150:5A::1/64  
!  
interface Vlan1991  
 ip address 11.150.91.1 255.255.255.0  
 ipv6 address 11:150:5B::1/64  
!  
interface Vlan1992  
 ip address 11.150.92.1 255.255.255.0  
 ipv6 address 11:150:5C::1/64  
!  
interface Vlan1993  
 ip address 11.150.93.1 255.255.255.0  
 ipv6 address 11:150:5D::1/64  
!  
interface Vlan1994  
 ip address 11.150.94.1 255.255.255.0  
 ipv6 address 11:150:5E::1/64  
!  
interface Vlan1995  
 ip address 11.150.95.1 255.255.255.0  
 ipv6 address 11:150:5F::1/64  
!  
interface Vlan1996  
 ip address 11.150.96.1 255.255.255.0  
 ipv6 address 11:150:60::1/64  
!  
interface Vlan1997  
 ip address 11.150.97.1 255.255.255.0  
 ipv6 address 11:150:61::1/64  
!  
interface Vlan1998  
 ip address 11.150.98.1 255.255.255.0  
 ipv6 address 11:150:62::1/64  
!  
interface Vlan1999  
 ip address 11.150.99.1 255.255.255.0  
 ipv6 address 11:150:63::1/64  
!  
interface Vlan2000  
 no ip address  
 shutdown  
!  
interface Vlan2001  
 no ip address  
 shutdown  
!  
interface Vlan2002  
 no ip address  
 shutdown  
!  
interface Vlan2003  
 no ip address  
 shutdown  
!  
interface Vlan2004  
 no ip address  
 shutdown  
!  
interface Vlan2005  
 no ip address  
 shutdown
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan2006  
  no ip address  
  shutdown  
!  
interface Vlan2007  
  no ip address  
  shutdown  
!  
interface Vlan2008  
  no ip address  
  shutdown  
!  
interface Vlan2009  
  no ip address  
  shutdown  
!  
interface Vlan2010  
  no ip address  
  shutdown  
!  
interface Vlan2011  
  no ip address  
  shutdown  
!  
interface Vlan2012  
  no ip address  
  shutdown  
!  
interface Vlan2013  
  no ip address  
  shutdown  
!  
interface Vlan2014  
  no ip address  
  shutdown  
!  
interface Vlan2015  
  no ip address  
  shutdown  
!  
interface Vlan2016  
  no ip address  
  shutdown  
!  
interface Vlan2017  
  no ip address  
  shutdown  
!  
interface Vlan2018  
  no ip address  
  shutdown  
!  
interface Vlan2019  
  no ip address  
  shutdown  
!  
interface Vlan2020  
  no ip address  
  shutdown  
!  
interface Vlan2021  
  no ip address  
  shutdown
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan2022  
  no ip address  
  shutdown  
!  
interface Vlan2023  
  no ip address  
  shutdown  
!  
interface Vlan2024  
  no ip address  
  shutdown  
!  
interface Vlan2025  
  no ip address  
  shutdown  
!  
interface Vlan2026  
  no ip address  
  shutdown  
!  
interface Vlan2027  
  no ip address  
  shutdown  
!  
interface Vlan2028  
  no ip address  
  shutdown  
!  
interface Vlan2029  
  no ip address  
  shutdown  
!  
interface Vlan2030  
  no ip address  
  shutdown  
!  
interface Vlan2031  
  no ip address  
  shutdown  
!  
interface Vlan2032  
  no ip address  
  shutdown  
!  
interface Vlan2033  
  no ip address  
  shutdown  
!  
interface Vlan2034  
  no ip address  
  shutdown  
!  
interface Vlan2035  
  no ip address  
  shutdown  
!  
interface Vlan2036  
  no ip address  
  shutdown  
!  
interface Vlan2037  
  no ip address  
  shutdown
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan2038  
  no ip address  
  shutdown  
!  
interface Vlan2039  
  no ip address  
  shutdown  
!  
interface Vlan2040  
  no ip address  
  shutdown  
!  
interface Vlan2041  
  no ip address  
  shutdown  
!  
interface Vlan2042  
  no ip address  
  shutdown  
!  
interface Vlan2043  
  no ip address  
  shutdown  
!  
interface Vlan2044  
  no ip address  
  shutdown  
!  
interface Vlan2045  
  no ip address  
  shutdown  
!  
interface Vlan2046  
  no ip address  
  shutdown  
!  
interface Vlan2047  
  no ip address  
  shutdown  
!  
interface Vlan2048  
  no ip address  
  shutdown  
!  
interface Vlan2049  
  no ip address  
  shutdown  
!  
interface Vlan2050  
  no ip address  
  shutdown  
!  
interface Vlan2051  
  no ip address  
  shutdown  
!  
interface Vlan2052  
  no ip address  
  shutdown  
!  
interface Vlan2053  
  no ip address  
  shutdown
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan2054  
  no ip address  
  shutdown  
!  
interface Vlan2055  
  no ip address  
  shutdown  
!  
interface Vlan2056  
  no ip address  
  shutdown  
!  
interface Vlan2057  
  no ip address  
  shutdown  
!  
interface Vlan2058  
  no ip address  
  shutdown  
!  
interface Vlan2059  
  no ip address  
  shutdown  
!  
interface Vlan2060  
  no ip address  
  shutdown  
!  
interface Vlan2061  
  no ip address  
  shutdown  
!  
interface Vlan2062  
  no ip address  
  shutdown  
!  
interface Vlan2063  
  no ip address  
  shutdown  
!  
interface Vlan2064  
  no ip address  
  shutdown  
!  
interface Vlan2065  
  no ip address  
  shutdown  
!  
interface Vlan2066  
  no ip address  
  shutdown  
!  
interface Vlan2067  
  no ip address  
  shutdown  
!  
interface Vlan2068  
  no ip address  
  shutdown  
!  
interface Vlan2069  
  no ip address  
  shutdown
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan2070  
  no ip address  
  shutdown  
!  
interface Vlan2071  
  no ip address  
  shutdown  
!  
interface Vlan2072  
  no ip address  
  shutdown  
!  
interface Vlan2073  
  no ip address  
  shutdown  
!  
interface Vlan2074  
  no ip address  
  shutdown  
!  
interface Vlan2075  
  no ip address  
  shutdown  
!  
interface Vlan2076  
  no ip address  
  shutdown  
!  
interface Vlan2077  
  no ip address  
  shutdown  
!  
interface Vlan2078  
  no ip address  
  shutdown  
!  
interface Vlan2079  
  no ip address  
  shutdown  
!  
interface Vlan2080  
  no ip address  
  shutdown  
!  
interface Vlan2081  
  no ip address  
  shutdown  
!  
interface Vlan2082  
  no ip address  
  shutdown  
!  
interface Vlan2083  
  no ip address  
  shutdown  
!  
interface Vlan2084  
  no ip address  
  shutdown  
!  
interface Vlan2085  
  no ip address  
  shutdown
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
interface Vlan2086  
  no ip address  
  shutdown  
!  
interface Vlan2087  
  no ip address  
  shutdown  
!  
interface Vlan2088  
  no ip address  
  shutdown  
!  
interface Vlan2089  
  no ip address  
  shutdown  
!  
interface Vlan2090  
  no ip address  
  shutdown  
!  
interface Vlan2091  
  no ip address  
  shutdown  
!  
interface Vlan2092  
  no ip address  
  shutdown  
!  
interface Vlan2093  
  no ip address  
  shutdown  
!  
interface Vlan2094  
  no ip address  
  shutdown  
!  
interface Vlan2095  
  no ip address  
  shutdown  
!  
interface Vlan2096  
  no ip address  
  shutdown  
!  
interface Vlan2097  
  no ip address  
  shutdown  
!  
interface Vlan2098  
  no ip address  
  shutdown  
!  
interface Vlan2099  
  no ip address  
  shutdown  
!  
!  
router eigrp 150  
  distribute-list prefix eigrp_out1 out GigabitEthernet3/1  
  distribute-list prefix eigrp32 in GigabitEthernet3/1  
  distribute-list prefix eigrp_out2 out GigabitEthernet3/2  
  distribute-list prefix eigrp30 in GigabitEthernet3/2  
  distribute-list prefix eigrp_out3 out GigabitEthernet3/3
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
distribute-list prefix eigrp29 in GigabitEthernet3/3
distribute-list prefix eigrp_out4 out GigabitEthernet3/4
distribute-list prefix eigrp28 in GigabitEthernet3/4
distribute-list eigrp_out5 out GigabitEthernet3/5
distribute-list prefix eigrp27 in GigabitEthernet3/5
distribute-list prefix DENY_ANY out GigabitEthernet3/6
distribute-list prefix eigrp26 in GigabitEthernet3/6
distribute-list prefix DENY_ANY out GigabitEthernet3/7
distribute-list prefix eigrp25 in GigabitEthernet3/7
distribute-list prefix DENY_ANY out GigabitEthernet3/8
distribute-list prefix eigrp24 in GigabitEthernet3/8
distribute-list prefix DENY_ANY out GigabitEthernet3/9
distribute-list prefix DENY_ANY out GigabitEthernet3/20.2100
distribute-list prefix eigrp22 in GigabitEthernet3/20.2100
distribute-list prefix DENY_ANY out GigabitEthernet3/20.2101
distribute-list prefix eigrp20 in GigabitEthernet3/20.2101
distribute-list prefix DENY_ANY out GigabitEthernet3/20.2120
distribute-list prefix eigrp18 in GigabitEthernet3/20.2120
distribute-list prefix DENY_ANY out GigabitEthernet3/20.2121
distribute-list prefix eigrp16 in GigabitEthernet3/20.2121
default-metric 100000 15 255 1 1500
network 29.0.0.0 0.0.255.255
network 192.168.150.0 0.0.0.3
network 192.168.150.4 0.0.0.3
network 192.168.150.8 0.0.0.3
network 192.168.150.12 0.0.0.3
network 192.168.150.16 0.0.0.3
network 192.168.150.20 0.0.0.3
network 192.168.150.24 0.0.0.3
network 192.168.150.28 0.0.0.3
network 192.168.150.32 0.0.0.3
network 192.168.150.76 0.0.0.3
network 192.168.150.80 0.0.0.3
network 192.168.150.156 0.0.0.3
network 192.168.150.160 0.0.0.3
redistribute bgp 100 route-map BGP_to_EIGRP
redistribute ospf 100 route-map OSPF_to_EIGRP
nsf
!
router ospf 100
router-id 2.2.0.1
nsf
area 0 authentication message-digest
area 300 range 49.0.0.0 255.255.252.0 cost 34
area 300 range 49.0.4.0 255.255.252.0 cost 35
area 300 range 49.0.8.0 255.255.252.0 cost 36
summary-address 49.1.0.0 255.255.252.0 tag 300
summary-address 49.2.0.0 255.255.252.0 tag 301
summary-address 49.3.0.0 255.255.252.0 tag 302
redistribute connected subnets route-map connected_to_ospf
redistribute eigrp 150 subnets route-map EIGRP_to_OSPF
redistribute bgp 100 subnets route-map BGP_to_OSPF
network 49.0.0.0 0.0.255.255 area 300
network 192.168.100.0 0.0.0.0 area 0
network 192.168.100.0 0.0.0.3 area 0
network 192.168.100.4 0.0.0.3 area 0
network 192.168.100.8 0.0.0.3 area 0
network 192.168.100.12 0.0.0.3 area 0
network 192.168.100.16 0.0.0.3 area 0
network 192.168.100.20 0.0.0.3 area 0
network 192.168.100.24 0.0.0.3 area 0
network 192.168.100.28 0.0.0.3 area 0
network 192.168.100.32 0.0.0.3 area 0
network 192.168.100.36 0.0.0.3 area 0
```

Show running-config



## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
network 192.168.100.40 0.0.0.3 area 0
network 192.168.100.44 0.0.0.3 area 0
network 192.168.100.48 0.0.0.3 area 0
network 192.168.100.52 0.0.0.3 area 0
network 192.168.100.56 0.0.0.3 area 0
network 192.168.100.60 0.0.0.3 area 0
network 192.168.100.64 0.0.0.3 area 0
network 192.168.100.68 0.0.0.3 area 0
network 192.168.100.72 0.0.0.3 area 0
network 192.168.100.76 0.0.0.3 area 0
network 192.168.100.80 0.0.0.3 area 0
network 192.168.101.20 0.0.0.3 area 0
network 192.168.101.24 0.0.0.3 area 0
distribute-list prefix ospf30 in GigabitEthernet3/25
distribute-list prefix ospf29 in GigabitEthernet3/26
distribute-list prefix ospf28 in GigabitEthernet3/35
distribute-list prefix ospf27 in GigabitEthernet3/36
distribute-list prefix ospf26 in GigabitEthernet3/37
distribute-list prefix ospf25 in GigabitEthernet3/38
distribute-list prefix DENY_ANY in GigabitEthernet3/39
distribute-list prefix DENY_ANY in GigabitEthernet3/40
distribute-list prefix DENY_ANY in GigabitEthernet3/41
distribute-list prefix DENY_ANY in GigabitEthernet3/42
distribute-list prefix DENY_ANY in GigabitEthernet3/43
distribute-list prefix ospf24 in GigabitEthernet3/44.2200
distribute-list prefix ospf22 in GigabitEthernet3/44.2201
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2202
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2203
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2204
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2205
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2206
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2207
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2208
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2209
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2210
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2211
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2212
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2213
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2214
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2215
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2216
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2217
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2218
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2219
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2220
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2221
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2222
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2223
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2224
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2225
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2227
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2228
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2229
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2230
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2231
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2232
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2233
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2234
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2235
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2236
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2237
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2238
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2239
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2240
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2241
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2242
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2243
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2244
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2245
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2246
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2247
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2248
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2249
distribute-list prefix ospf20 in GigabitEthernet3/44.2250
distribute-list prefix ospf18 in GigabitEthernet3/44.2251
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2253
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2254
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2255
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2256
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2257
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2258
distribute-list prefix DENY_ANY in GigabitEthernet3/44.2259
bfd all-interfaces
!
router bgp 100
no bgp default ipv4-unicast
bgp log-neighbor-changes
bgp graceful-restart restart-time 120
bgp graceful-restart stalepath-time 360
bgp graceful-restart
neighbor toCC2202 peer-group
neighbor toCC2202 remote-as 25
neighbor toCC2202 password 5 cisco
neighbor toCC2001 peer-group
neighbor toCC2001 remote-as 100
neighbor toCC2001 password 5 cisco
neighbor toCC2001v6 peer-group
neighbor toCC2001v6 remote-as 100
neighbor toCC2001v6 password 7 05080F1C2243
neighbor 192:168:0:1::2 remote-as 100
neighbor 192:168:0:1::2 peer-group toCC2001v6
neighbor 192:168:0:5::2 remote-as 100
neighbor 192:168:0:5::2 peer-group toCC2001v6
neighbor 192:168:0:9::2 remote-as 100
neighbor 192:168:0:9::2 peer-group toCC2001v6
neighbor 192:168:0:13::2 remote-as 100
neighbor 192:168:0:13::2 peer-group toCC2001v6
neighbor 192:168:0:17::2 remote-as 100
neighbor 192:168:0:17::2 peer-group toCC2001v6
neighbor 192:168:0:21::2 remote-as 100
neighbor 192:168:0:21::2 peer-group toCC2001v6
neighbor 192:168:0:25::2 remote-as 100
neighbor 192:168:0:25::2 peer-group toCC2001v6
neighbor 192:168:0:29::2 remote-as 100
neighbor 192:168:0:29::2 peer-group toCC2001v6
neighbor 192:168:0:33::2 remote-as 100
neighbor 192:168:0:33::2 peer-group toCC2001v6
neighbor 192:168:0:37::2 remote-as 100
neighbor 192:168:0:37::2 peer-group toCC2001v6
neighbor 192:168:0:200::2 remote-as 100
neighbor 192:168:25:1::1 remote-as 25
neighbor 192:168:25:5::1 remote-as 25
neighbor 192:168:25:9::1 remote-as 25
neighbor 192:168:25:13::1 remote-as 25
neighbor 192:168:25:17::1 remote-as 25
neighbor 192:168:25:77::1 remote-as 25
neighbor 192:168:25:81::1 remote-as 25
neighbor 192:168:25:85::1 remote-as 25
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
neighbor 192.168:25:89::1 remote-as 25
neighbor 192.168:25:93::1 remote-as 25
neighbor 50.1.1.1 remote-as 65502
neighbor 192.168.0.2 remote-as 100
neighbor 192.168.0.2 password 5 cisco
neighbor 192.168.0.6 remote-as 100
neighbor 192.168.0.6 password 5 cisco
neighbor 192.168.0.10 remote-as 100
neighbor 192.168.0.10 password 5 cisco
neighbor 192.168.0.14 remote-as 100
neighbor 192.168.0.14 password 5 cisco
neighbor 192.168.0.18 remote-as 100
neighbor 192.168.0.18 password 5 cisco
neighbor 192.168.0.22 remote-as 100
neighbor 192.168.0.22 password 5 cisco
neighbor 192.168.0.26 remote-as 100
neighbor 192.168.0.26 password 5 cisco
neighbor 192.168.0.30 remote-as 100
neighbor 192.168.0.30 password 5 cisco
neighbor 192.168.0.34 remote-as 100
neighbor 192.168.0.34 password 5 cisco
neighbor 192.168.0.38 remote-as 100
neighbor 192.168.0.38 password 5 cisco
neighbor 192.168.0.42 remote-as 100
neighbor 192.168.0.42 password 5 cisco
neighbor 192.168.0.46 remote-as 100
neighbor 192.168.0.46 password 5 cisco
neighbor 192.168.0.50 remote-as 100
neighbor 192.168.0.50 peer-group toCC2001
neighbor 192.168.0.54 remote-as 100
neighbor 192.168.0.54 peer-group toCC2001
neighbor 192.168.0.58 remote-as 100
neighbor 192.168.0.58 peer-group toCC2001
neighbor 192.168.0.62 remote-as 100
neighbor 192.168.0.62 peer-group toCC2001
neighbor 192.168.0.66 remote-as 100
neighbor 192.168.0.66 peer-group toCC2001
neighbor 192.168.0.70 remote-as 100
neighbor 192.168.0.70 peer-group toCC2001
neighbor 192.168.0.74 remote-as 100
neighbor 192.168.0.74 peer-group toCC2001
neighbor 192.168.0.78 remote-as 100
neighbor 192.168.0.78 peer-group toCC2001
neighbor 192.168.0.82 remote-as 100
neighbor 192.168.0.82 peer-group toCC2001
neighbor 192.168.0.86 remote-as 100
neighbor 192.168.0.86 peer-group toCC2001
neighbor 192.168.0.90 remote-as 100
neighbor 192.168.0.90 peer-group toCC2001
neighbor 192.168.0.94 remote-as 100
neighbor 192.168.0.94 peer-group toCC2001
neighbor 192.168.0.98 remote-as 100
neighbor 192.168.0.98 peer-group toCC2001
neighbor 192.168.0.102 remote-as 100
neighbor 192.168.0.102 peer-group toCC2001
neighbor 192.168.0.106 remote-as 100
neighbor 192.168.0.106 peer-group toCC2001
neighbor 192.168.0.110 remote-as 100
neighbor 192.168.0.110 peer-group toCC2001
neighbor 192.168.0.114 remote-as 100
neighbor 192.168.0.114 peer-group toCC2001
neighbor 192.168.0.118 remote-as 100
neighbor 192.168.0.118 peer-group toCC2001
neighbor 192.168.0.122 remote-as 100
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
neighbor 192.168.0.122 peer-group toCC2001
neighbor 192.168.0.126 remote-as 100
neighbor 192.168.0.126 peer-group toCC2001
neighbor 192.168.0.130 remote-as 100
neighbor 192.168.0.130 peer-group toCC2001
neighbor 192.168.0.134 remote-as 100
neighbor 192.168.0.134 peer-group toCC2001
neighbor 192.168.0.138 remote-as 100
neighbor 192.168.0.138 peer-group toCC2001
neighbor 192.168.0.142 remote-as 100
neighbor 192.168.0.142 peer-group toCC2001
neighbor 192.168.0.146 remote-as 100
neighbor 192.168.0.146 peer-group toCC2001
neighbor 192.168.0.150 remote-as 100
neighbor 192.168.0.150 peer-group toCC2001
neighbor 192.168.0.154 remote-as 100
neighbor 192.168.0.154 peer-group toCC2001
neighbor 192.168.0.158 remote-as 100
neighbor 192.168.0.158 peer-group toCC2001
neighbor 192.168.0.162 remote-as 100
neighbor 192.168.0.162 peer-group toCC2001
neighbor 192.168.0.166 remote-as 100
neighbor 192.168.0.166 peer-group toCC2001
neighbor 192.168.0.170 remote-as 100
neighbor 192.168.0.170 peer-group toCC2001
neighbor 192.168.0.174 remote-as 100
neighbor 192.168.0.174 peer-group toCC2001
neighbor 192.168.0.178 remote-as 100
neighbor 192.168.0.178 peer-group toCC2001
neighbor 192.168.0.182 remote-as 100
neighbor 192.168.0.182 peer-group toCC2001
neighbor 192.168.0.186 remote-as 100
neighbor 192.168.0.186 peer-group toCC2001
neighbor 192.168.0.190 remote-as 100
neighbor 192.168.0.190 peer-group toCC2001
neighbor 192.168.0.194 remote-as 100
neighbor 192.168.0.194 peer-group toCC2001
neighbor 192.168.25.1 remote-as 25
neighbor 192.168.25.1 password 5 cisco
neighbor 192.168.25.5 remote-as 25
neighbor 192.168.25.5 password 5 cisco
neighbor 192.168.25.9 remote-as 25
neighbor 192.168.25.9 password 5 cisco
neighbor 192.168.25.13 remote-as 25
neighbor 192.168.25.13 password 5 cisco
neighbor 192.168.25.17 remote-as 25
neighbor 192.168.25.17 password 5 cisco
neighbor 192.168.25.21 remote-as 25
neighbor 192.168.25.21 password 5 cisco
neighbor 192.168.25.25 remote-as 25
neighbor 192.168.25.25 password 5 cisco
neighbor 192.168.25.29 remote-as 25
neighbor 192.168.25.29 password 5 cisco
neighbor 192.168.25.33 remote-as 25
neighbor 192.168.25.33 password 5 cisco
neighbor 192.168.25.37 remote-as 25
neighbor 192.168.25.37 password 5 cisco
neighbor 192.168.25.41 remote-as 25
neighbor 192.168.25.41 peer-group toCC2202
neighbor 192.168.25.45 remote-as 25
neighbor 192.168.25.45 peer-group toCC2202
neighbor 192.168.25.49 remote-as 25
neighbor 192.168.25.49 peer-group toCC2202
neighbor 192.168.25.53 remote-as 25
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
neighbor 192.168.25.53 peer-group toCC2202
neighbor 192.168.25.57 remote-as 25
neighbor 192.168.25.57 peer-group toCC2202
neighbor 192.168.25.61 remote-as 25
neighbor 192.168.25.61 peer-group toCC2202
neighbor 192.168.25.65 remote-as 25
neighbor 192.168.25.65 peer-group toCC2202
neighbor 192.168.25.69 remote-as 25
neighbor 192.168.25.69 peer-group toCC2202
neighbor 192.168.25.73 remote-as 25
neighbor 192.168.25.73 peer-group toCC2202
neighbor 192.168.25.77 remote-as 25
neighbor 192.168.25.77 password 5 cisco
neighbor 192.168.25.81 remote-as 25
neighbor 192.168.25.81 password 5 cisco
neighbor 192.168.25.85 remote-as 25
neighbor 192.168.25.85 password 5 cisco
neighbor 192.168.25.89 remote-as 25
neighbor 192.168.25.89 peer-group toCC2202
neighbor 192.168.25.93 remote-as 25
neighbor 192.168.25.93 peer-group toCC2202
neighbor 192.168.25.97 remote-as 25
neighbor 192.168.25.97 peer-group toCC2202
neighbor 192.168.25.101 remote-as 25
neighbor 192.168.25.101 peer-group toCC2202
neighbor 192.168.25.105 remote-as 25
neighbor 192.168.25.105 peer-group toCC2202
neighbor 192.168.25.109 remote-as 25
neighbor 192.168.25.109 peer-group toCC2202
neighbor 192.168.25.113 remote-as 25
neighbor 192.168.25.113 peer-group toCC2202
neighbor 192.168.25.117 remote-as 25
neighbor 192.168.25.117 peer-group toCC2202
neighbor 192.168.25.121 remote-as 25
neighbor 192.168.25.121 peer-group toCC2202
neighbor 192.168.25.125 remote-as 25
neighbor 192.168.25.125 peer-group toCC2202
neighbor 192.168.25.129 remote-as 25
neighbor 192.168.25.129 peer-group toCC2202
neighbor 192.168.25.133 remote-as 25
neighbor 192.168.25.133 peer-group toCC2202
neighbor 192.168.25.137 remote-as 25
neighbor 192.168.25.137 peer-group toCC2202
neighbor 192.168.25.141 remote-as 25
neighbor 192.168.25.141 peer-group toCC2202
neighbor 192.168.25.145 remote-as 25
neighbor 192.168.25.145 peer-group toCC2202
neighbor 192.168.25.149 remote-as 25
neighbor 192.168.25.149 peer-group toCC2202
neighbor 192.168.25.153 remote-as 25
neighbor 192.168.25.153 peer-group toCC2202
neighbor 192.168.25.157 remote-as 25
neighbor 192.168.25.157 peer-group toCC2202
neighbor 192.168.25.161 remote-as 25
neighbor 192.168.25.161 peer-group toCC2202
neighbor 192.168.25.165 remote-as 25
neighbor 192.168.25.165 peer-group toCC2202
neighbor 192.168.25.169 remote-as 25
neighbor 192.168.25.169 peer-group toCC2202
neighbor 192.168.25.173 remote-as 25
neighbor 192.168.25.173 peer-group toCC2202
neighbor 192.168.25.177 remote-as 25
neighbor 192.168.25.177 peer-group toCC2202
neighbor 192.168.25.181 remote-as 25
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
neighbor 192.168.25.181 peer-group toCC2202
neighbor 192.168.25.185 remote-as 25
neighbor 192.168.25.185 peer-group toCC2202
neighbor 192.168.25.189 remote-as 25
neighbor 192.168.25.189 peer-group toCC2202
neighbor 192.168.25.193 remote-as 25
neighbor 192.168.25.193 peer-group toCC2202
neighbor 192.168.25.197 remote-as 25
neighbor 192.168.25.197 peer-group toCC2202
!
address-family ipv4
  bgp redistribute-internal
  redistribute connected route-map connected_to_bgp
  redistribute eigrp 150 route-map EIGRP_to_BGP
  redistribute ospf 100 route-map OSPF_to_BGP
  neighbor toCC2202 prefix-list DENY_ANY in
  neighbor toCC2202 prefix-list DENY_ANY out
  neighbor toCC2001 prefix-list DENY_ANY in
  neighbor toCC2001 prefix-list DENY_ANY out
  neighbor 50.1.1.1 activate
  neighbor 192.168.0.2 activate
  neighbor 192.168.0.2 prefix-list ibgp32 in
  neighbor 192.168.0.2 prefix-list ibgp_out1 out
  neighbor 192.168.0.6 activate
  neighbor 192.168.0.6 prefix-list ibgp31 in
  neighbor 192.168.0.6 prefix-list ibgp_out2 out
  neighbor 192.168.0.10 activate
  neighbor 192.168.0.10 prefix-list ibgp30 in
  neighbor 192.168.0.10 prefix-list ibgp_out3 out
  neighbor 192.168.0.14 activate
  neighbor 192.168.0.14 prefix-list ibgp29 in
  neighbor 192.168.0.14 prefix-list ibgp_out4 out
  neighbor 192.168.0.18 activate
  neighbor 192.168.0.18 prefix-list ibgp28 in
  neighbor 192.168.0.18 prefix-list DENY_ANY out
  neighbor 192.168.0.22 activate
  neighbor 192.168.0.22 prefix-list ibgp27 in
  neighbor 192.168.0.22 prefix-list DENY_ANY out
  neighbor 192.168.0.26 activate
  neighbor 192.168.0.26 prefix-list ibgp26 in
  neighbor 192.168.0.26 prefix-list DENY_ANY out
  neighbor 192.168.0.30 activate
  neighbor 192.168.0.30 prefix-list ibgp25 in
  neighbor 192.168.0.30 prefix-list DENY_ANY out
  neighbor 192.168.0.34 activate
  neighbor 192.168.0.34 prefix-list ibgp24 in
  neighbor 192.168.0.34 prefix-list DENY_ANY out
  neighbor 192.168.0.38 activate
  neighbor 192.168.0.38 prefix-list ibgp23 in
  neighbor 192.168.0.38 prefix-list DENY_ANY out
  neighbor 192.168.0.42 activate
  neighbor 192.168.0.42 prefix-list ibgp22 in
  neighbor 192.168.0.42 prefix-list DENY_ANY out
  neighbor 192.168.0.46 activate
  neighbor 192.168.0.46 prefix-list ibgp20 in
  neighbor 192.168.0.46 prefix-list DENY_ANY out
  neighbor 192.168.0.50 activate
  neighbor 192.168.0.54 activate
  neighbor 192.168.0.58 activate
  neighbor 192.168.0.62 activate
  neighbor 192.168.0.66 activate
  neighbor 192.168.0.70 activate
  neighbor 192.168.0.74 activate
  neighbor 192.168.0.78 activate
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
neighbor 192.168.0.82 activate
neighbor 192.168.0.86 activate
neighbor 192.168.0.90 activate
neighbor 192.168.0.94 activate
neighbor 192.168.0.98 activate
neighbor 192.168.0.102 activate
neighbor 192.168.0.106 activate
neighbor 192.168.0.110 activate
neighbor 192.168.0.114 activate
neighbor 192.168.0.118 activate
neighbor 192.168.0.122 activate
neighbor 192.168.0.126 activate
neighbor 192.168.0.130 activate
neighbor 192.168.0.134 activate
neighbor 192.168.0.138 activate
neighbor 192.168.0.142 activate
neighbor 192.168.0.146 activate
neighbor 192.168.0.150 activate
neighbor 192.168.0.154 activate
neighbor 192.168.0.158 activate
neighbor 192.168.0.162 activate
neighbor 192.168.0.166 activate
neighbor 192.168.0.170 activate
neighbor 192.168.0.174 activate
neighbor 192.168.0.178 activate
neighbor 192.168.0.182 activate
neighbor 192.168.0.186 activate
neighbor 192.168.0.190 activate
neighbor 192.168.0.194 activate
neighbor 192.168.25.1 activate
neighbor 192.168.25.1 prefix-list ebgp32 in
neighbor 192.168.25.1 prefix-list ebgp_out1 out
neighbor 192.168.25.5 activate
neighbor 192.168.25.5 prefix-list ebgp31 in
neighbor 192.168.25.5 prefix-list ebgp_out2 out
neighbor 192.168.25.5 route-map ebgp_out2 out
neighbor 192.168.25.9 activate
neighbor 192.168.25.9 prefix-list ebgp30 in
neighbor 192.168.25.9 prefix-list ebgp_out3 out
neighbor 192.168.25.13 activate
neighbor 192.168.25.13 prefix-list ebgp29 in
neighbor 192.168.25.13 prefix-list DENY_ANY out
neighbor 192.168.25.17 activate
neighbor 192.168.25.17 prefix-list ebgp28 in
neighbor 192.168.25.17 prefix-list DENY_ANY out
neighbor 192.168.25.21 activate
neighbor 192.168.25.21 prefix-list ebgp27 in
neighbor 192.168.25.21 prefix-list DENY_ANY out
neighbor 192.168.25.25 activate
neighbor 192.168.25.25 prefix-list ebgp26 in
neighbor 192.168.25.25 prefix-list DENY_ANY out
neighbor 192.168.25.29 activate
neighbor 192.168.25.29 prefix-list ebgp25 in
neighbor 192.168.25.29 prefix-list DENY_ANY out
neighbor 192.168.25.33 activate
neighbor 192.168.25.33 prefix-list ebgp24 in
neighbor 192.168.25.33 prefix-list DENY_ANY out
neighbor 192.168.25.37 activate
neighbor 192.168.25.37 prefix-list ebgp23 in
neighbor 192.168.25.37 prefix-list DENY_ANY out
neighbor 192.168.25.41 activate
neighbor 192.168.25.45 activate
neighbor 192.168.25.49 activate
neighbor 192.168.25.53 activate
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
neighbor 192.168.25.57 activate
neighbor 192.168.25.61 activate
neighbor 192.168.25.65 activate
neighbor 192.168.25.69 activate
neighbor 192.168.25.73 activate
neighbor 192.168.25.77 activate
neighbor 192.168.25.77 prefix-list ebgp22 in
neighbor 192.168.25.77 prefix-list DENY_ANY out
neighbor 192.168.25.81 activate
neighbor 192.168.25.81 prefix-list ebgp20 in
neighbor 192.168.25.81 prefix-list DENY_ANY out
neighbor 192.168.25.85 activate
neighbor 192.168.25.85 prefix-list ebgp18 in
neighbor 192.168.25.85 prefix-list DENY_ANY out
neighbor 192.168.25.89 activate
neighbor 192.168.25.93 activate
neighbor 192.168.25.97 activate
neighbor 192.168.25.101 activate
neighbor 192.168.25.105 activate
neighbor 192.168.25.109 activate
neighbor 192.168.25.113 activate
neighbor 192.168.25.117 activate
neighbor 192.168.25.121 activate
neighbor 192.168.25.125 activate
neighbor 192.168.25.129 activate
neighbor 192.168.25.133 activate
neighbor 192.168.25.137 activate
neighbor 192.168.25.141 activate
neighbor 192.168.25.145 activate
neighbor 192.168.25.149 activate
neighbor 192.168.25.153 activate
neighbor 192.168.25.157 activate
neighbor 192.168.25.161 activate
neighbor 192.168.25.165 activate
neighbor 192.168.25.169 activate
neighbor 192.168.25.173 activate
neighbor 192.168.25.177 activate
neighbor 192.168.25.181 activate
neighbor 192.168.25.185 activate
neighbor 192.168.25.189 activate
neighbor 192.168.25.193 activate
neighbor 192.168.25.197 activate
no auto-summary
exit-address-family
!
address-family ipv6
 redistribute connected
 redistribute ospf 100 include-connected
 redistribute eigrp 150
 default-information originate
 bgp redistribute-internal
 neighbor 192:168:0:1::2 activate
 neighbor 192:168:0:5::2 activate
 neighbor 192:168:0:9::2 activate
 neighbor 192:168:0:13::2 activate
 neighbor 192:168:0:17::2 activate
 neighbor 192:168:0:21::2 activate
 neighbor 192:168:0:25::2 activate
 neighbor 192:168:0:29::2 activate
 neighbor 192:168:0:33::2 activate
 neighbor 192:168:0:37::2 activate
 neighbor 192:168:0:200::2 activate
 neighbor 192:168:0:200::2 soft-reconfiguration inbound
 neighbor 192:168:25:1::1 activate
```

Show running-config



## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
neighbor 192:168:25:5::1 activate
neighbor 192:168:25:9::1 activate
neighbor 192:168:25:13::1 activate
neighbor 192:168:25:17::1 activate
neighbor 192:168:25:77::1 activate
neighbor 192:168:25:81::1 activate
neighbor 192:168:25:85::1 activate
neighbor 192:168:25:89::1 activate
neighbor 192:168:25:93::1 activate
exit-address-family
!
no ip nat create flow-entries
ip nat translation tcp-timeout 60
ip nat translation pptp-timeout 60
ip nat translation udp-timeout 1200
ip nat pool net11 11.0.254.1 11.0.254.205 prefix-length 24
ip nat inside source route-map net11 pool net11 overload
!
no ip http server
no ip http secure-server
!
ip pim bidir-enable
no ip pim dm-fallback
ip route 10.0.0.0 255.0.0.0 10.29.0.1
ip route 192.168.200.4 255.255.255.252 192.168.25.1
ip route 192.168.200.4 255.255.255.252 192.168.25.5
ip route 192.168.200.4 255.255.255.252 192.168.25.9
ip route 192.168.200.4 255.255.255.252 192.168.25.13
ip route 192.168.200.4 255.255.255.252 192.168.25.17
ip route 192.168.200.4 255.255.255.252 192.168.25.21
ip route 192.168.200.4 255.255.255.252 192.168.25.25
ip route 192.168.200.4 255.255.255.252 192.168.25.29
ip route 192.168.200.4 255.255.255.252 192.168.25.33
ip route 192.168.200.4 255.255.255.252 192.168.25.37
ip route 192.168.200.4 255.255.255.252 192.168.25.41
ip route 192.168.200.4 255.255.255.252 192.168.25.45
ip route 192.168.200.4 255.255.255.252 192.168.25.49
ip route 192.168.200.4 255.255.255.252 192.168.25.53
ip route 192.168.200.4 255.255.255.252 192.168.25.57
ip route 192.168.200.4 255.255.255.252 192.168.25.61
ip route 192.168.200.4 255.255.255.252 192.168.25.65
ip route 192.168.200.4 255.255.255.252 192.168.25.69
ip route 192.168.200.4 255.255.255.252 192.168.25.73
ip route 192.168.200.4 255.255.255.252 192.168.25.77
ip route 192.168.200.4 255.255.255.252 192.168.25.81
ip route 192.168.200.4 255.255.255.252 192.168.25.85
ip route 192.168.200.4 255.255.255.252 192.168.25.89
ip route 192.168.200.4 255.255.255.252 192.168.25.93
ip route 192.168.200.4 255.255.255.252 192.168.25.97
ip route 192.168.200.4 255.255.255.252 192.168.25.101
ip route 192.168.200.4 255.255.255.252 192.168.25.105
ip route 192.168.200.4 255.255.255.252 192.168.25.109
ip route 192.168.200.4 255.255.255.252 192.168.25.113
ip route 192.168.200.4 255.255.255.252 192.168.25.117
ip route 192.168.200.4 255.255.255.252 192.168.25.121
ip route 192.168.200.4 255.255.255.252 192.168.25.125
ip route 192.168.200.4 255.255.255.252 192.168.25.129
ip route 192.168.200.4 255.255.255.252 192.168.25.133
ip route 192.168.200.4 255.255.255.252 192.168.25.137
ip route 192.168.200.4 255.255.255.252 192.168.25.141
ip route 192.168.200.4 255.255.255.252 192.168.25.145
ip route 192.168.200.4 255.255.255.252 192.168.25.149
ip route 192.168.200.4 255.255.255.252 192.168.25.153
ip route 192.168.200.4 255.255.255.252 192.168.25.157
```

Show running-config













## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip route 192.168.200.16 255.255.255.252 192.168.1.14
ip route 192.168.200.16 255.255.255.252 192.168.1.18
ip route 192.168.200.16 255.255.255.252 192.168.1.22
ip route 192.168.200.16 255.255.255.252 192.168.1.26
ip route 192.168.200.16 255.255.255.252 192.168.1.30
ip route 192.168.200.16 255.255.255.252 192.168.1.34
ip route 192.168.200.16 255.255.255.252 192.168.1.38
ip route 192.168.200.16 255.255.255.252 192.168.1.42
ip route 192.168.200.16 255.255.255.252 192.168.1.46
ip route 192.168.200.16 255.255.255.252 192.168.1.50
ip route 192.168.200.16 255.255.255.252 192.168.1.54
ip route 192.168.200.16 255.255.255.252 192.168.1.58
ip route 192.168.200.16 255.255.255.252 192.168.1.62
ip route 192.168.200.16 255.255.255.252 192.168.1.66
ip route 192.168.200.16 255.255.255.252 192.168.1.70
ip route 192.168.200.16 255.255.255.252 192.168.1.74
ip route 192.168.200.16 255.255.255.252 192.168.1.78
ip route 192.168.200.16 255.255.255.252 192.168.1.82
ip route 192.168.200.16 255.255.255.252 192.168.1.86
ip route 192.168.200.16 255.255.255.252 192.168.1.90
ip route 192.168.200.16 255.255.255.252 192.168.1.94
ip route 192.168.200.16 255.255.255.252 192.168.1.98
ip route 192.168.200.16 255.255.255.252 192.168.1.102
ip route 192.168.200.16 255.255.255.252 192.168.1.106
ip route 192.168.200.16 255.255.255.252 192.168.1.110
ip route 192.168.200.16 255.255.255.252 192.168.1.114
ip route 192.168.200.16 255.255.255.252 192.168.1.118
ip route 192.168.200.16 255.255.255.252 192.168.1.122
ip route 192.168.200.16 255.255.255.252 192.168.1.126
ip route 192.168.200.16 255.255.255.252 192.168.1.130
ip route 192.168.200.16 255.255.255.252 192.168.1.134
ip route 192.168.200.16 255.255.255.252 192.168.1.138
ip route 192.168.200.16 255.255.255.252 192.168.1.142
!
ip access-list standard ANYCAST
 permit 238.0.0.0 0.0.255.255
ip access-list standard BDRP
 permit 238.1.0.0 0.0.255.255
ip access-list standard DENY_ANY
ip access-list standard SSM
 permit 238.2.0.0 0.0.255.255
ip access-list standard eigrp16
ip access-list standard eigrp18
ip access-list standard eigrp20
ip access-list standard eigrp22
ip access-list standard eigrp24
ip access-list standard eigrp25
ip access-list standard eigrp26
ip access-list standard eigrp27
ip access-list standard eigrp28
ip access-list standard eigrp29
ip access-list standard eigrp30
ip access-list standard eigrp32
ip access-list standard eigrp_out1
ip access-list standard eigrp_out2
ip access-list standard eigrp_out3
ip access-list standard eigrp_out4
ip access-list standard eigrp_out5
 permit 82.0.0.0 0.255.255.255
 permit 192.168.0.0 0.0.255.255
 deny any
ip access-list standard ospf18
ip access-list standard ospf20
ip access-list standard ospf22
```

Show running-config



## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip access-list standard ospf24
ip access-list standard ospf25
ip access-list standard ospf26
ip access-list standard ospf27
ip access-list standard ospf28
ip access-list standard ospf29
ip access-list standard ospf30
!
ip access-list extended acl-copp-match-igmp
  permit igmp any any
ip access-list extended acl-copp-match-pim-data
  deny pim any host 224.0.0.13
  permit pim any any
!
!
ip prefix-list BGP_to_EIGRP seq 5 permit 65.0.0.0/8 ge 18 le 18
ip prefix-list BGP_to_EIGRP seq 20 permit 82.0.0.0/8 ge 20 le 20
ip prefix-list BGP_to_EIGRP seq 25 permit 9.0.0.0/16 ge 32
ip prefix-list BGP_to_EIGRP seq 100 deny 0.0.0.0/0 le 32
!
ip prefix-list BGP_to OSPF seq 5 permit 68.0.0.0/8 ge 18 le 18
ip prefix-list BGP_to OSPF seq 10 permit 69.0.0.0/8 ge 18 le 18
ip prefix-list BGP_to OSPF seq 15 permit 70.0.0.0/8 ge 18 le 18
ip prefix-list BGP_to OSPF seq 20 permit 80.0.0.0/8 ge 29 le 29
ip prefix-list BGP_to OSPF seq 30 permit 9.0.0.0/16 ge 32
ip prefix-list BGP_to OSPF seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list DENY_ANY seq 5 deny 0.0.0.0/0 le 32
!
ip prefix-list EIGRP_to_BGP seq 5 permit 26.0.0.0/8 ge 16 le 16
ip prefix-list EIGRP_to_BGP seq 10 permit 24.0.0.0/8 ge 20 le 20
ip prefix-list EIGRP_to_BGP seq 15 permit 9.0.0.0/16 ge 32
ip prefix-list EIGRP_to_BGP seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list EIGRP_to OSPF seq 5 permit 25.0.0.0/8 ge 18 le 18
ip prefix-list EIGRP_to OSPF seq 10 permit 9.0.0.0/16 ge 32
ip prefix-list EIGRP_to OSPF seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list OSPF_to_BGP seq 5 permit 36.0.0.0/8 ge 18 le 18
ip prefix-list OSPF_to_BGP seq 10 permit 34.0.0.0/8 ge 22 le 22
ip prefix-list OSPF_to_BGP seq 15 permit 9.0.0.0/16 ge 32
ip prefix-list OSPF_to_BGP seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list OSPF_to_EIGRP seq 10 permit 9.0.0.0/16 ge 32
ip prefix-list OSPF_to_EIGRP seq 20 permit 35.0.0.0/16 ge 20 le 20
ip prefix-list OSPF_to_EIGRP seq 30 permit 35.1.0.0/16 ge 20 le 20
ip prefix-list OSPF_to_EIGRP seq 40 permit 35.2.0.0/16 ge 20 le 20
ip prefix-list OSPF_to_EIGRP seq 50 permit 35.3.0.0/16 ge 20 le 20
ip prefix-list OSPF_to_EIGRP seq 60 permit 35.4.0.0/16 ge 20 le 20
ip prefix-list OSPF_to_EIGRP seq 70 permit 35.5.0.0/16 ge 20 le 20
ip prefix-list OSPF_to_EIGRP seq 80 permit 35.6.0.0/16 ge 20 le 20
ip prefix-list OSPF_to_EIGRP seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list bgp_out1 seq 5 permit 36.0.0.0/8 ge 18 le 18
ip prefix-list bgp_out1 seq 10 permit 50.0.0.0/8 ge 32
ip prefix-list bgp_out1 seq 15 permit 51.0.0.0/8 ge 31 le 31
ip prefix-list bgp_out1 seq 20 permit 52.0.0.0/8 ge 30 le 30
ip prefix-list bgp_out1 seq 25 permit 9.0.0.0/16 ge 32
ip prefix-list bgp_out1 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list bgp_out2 seq 5 permit 26.0.0.0/8 ge 16 le 16
ip prefix-list bgp_out2 seq 10 permit 53.0.0.0/8 ge 29 le 29
ip prefix-list bgp_out2 seq 15 permit 54.0.0.0/8 ge 28 le 28
ip prefix-list bgp_out2 seq 20 permit 55.0.0.0/8 ge 27 le 27
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip prefix-list bgp_out2 seq 25 permit 9.0.0.0/16 ge 32
ip prefix-list bgp_out2 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list bgp_out3 seq 5 permit 34.0.0.0/8 ge 22 le 22
ip prefix-list bgp_out3 seq 10 permit 24.0.0.0/8 ge 20 le 20
ip prefix-list bgp_out3 seq 15 permit 56.0.0.0/8 ge 26 le 26
ip prefix-list bgp_out3 seq 25 permit 9.0.0.0/16 ge 32
ip prefix-list bgp_out3 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list bgp_out4 seq 25 permit 9.0.0.0/16 ge 32
ip prefix-list bgp_out4 seq 80 permit 74.0.0.0/8 ge 18 le 18
ip prefix-list bgp_out4 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list connected_to_bgp seq 5 permit 192.168.0.0/16 ge 24
ip prefix-list connected_to_bgp seq 10 permit 11.0.0.0/8 ge 24 le 24
ip prefix-list connected_to_bgp seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list connected_to_eigrp seq 5 permit 192.168.0.0/16 ge 24
ip prefix-list connected_to_eigrp seq 10 permit 11.0.0.0/8 ge 24 le 24
ip prefix-list connected_to_eigrp seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list connected_to_ospf seq 5 permit 192.168.0.0/16 ge 24
ip prefix-list connected_to_ospf seq 10 permit 11.0.0.0/8 ge 24 le 24
ip prefix-list connected_to_ospf seq 15 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp18 seq 5 permit 65.0.0.0/8 ge 18 le 18
ip prefix-list ebgp18 seq 10 permit 66.0.0.0/8 ge 18 le 18
ip prefix-list ebgp18 seq 15 permit 67.0.0.0/8 ge 18 le 18
ip prefix-list ebgp18 seq 20 permit 68.0.0.0/8 ge 18 le 18
ip prefix-list ebgp18 seq 25 permit 69.0.0.0/8 ge 18 le 18
ip prefix-list ebgp18 seq 30 permit 70.0.0.0/8 ge 18 le 18
ip prefix-list ebgp18 seq 35 permit 71.0.0.0/8 ge 18 le 18
ip prefix-list ebgp18 seq 40 permit 72.0.0.0/8 ge 18 le 18
ip prefix-list ebgp18 seq 45 permit 73.0.0.0/8 ge 18 le 18
ip prefix-list ebgp18 seq 50 permit 74.0.0.0/8 ge 18 le 18
ip prefix-list ebgp18 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp20 seq 5 permit 62.0.0.0/8 ge 20 le 20
ip prefix-list ebgp20 seq 10 permit 63.0.0.0/8 ge 20 le 20
ip prefix-list ebgp20 seq 15 permit 64.0.0.0/8 ge 20 le 20
ip prefix-list ebgp20 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp22 seq 5 permit 60.0.0.0/8 ge 22 le 22
ip prefix-list ebgp22 seq 10 permit 61.0.0.0/8 ge 22 le 22
ip prefix-list ebgp22 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp23 seq 5 permit 59.0.0.0/8 ge 23 le 23
ip prefix-list ebgp23 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp24 seq 5 permit 58.0.0.0/8 ge 24 le 24
ip prefix-list ebgp24 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp25 seq 5 permit 57.0.0.0/8 ge 25 le 25
ip prefix-list ebgp25 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp26 seq 5 permit 56.0.0.0/8 ge 26 le 26
ip prefix-list ebgp26 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp27 seq 5 permit 55.0.0.0/8 ge 27 le 27
ip prefix-list ebgp27 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp28 seq 5 permit 54.0.0.0/8 ge 28 le 28
ip prefix-list ebgp28 seq 10000 deny 0.0.0.0/0 le 32
!
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip prefix-list ebgp29 seq 5 permit 53.0.0.0/8 ge 29 le 29
ip prefix-list ebgp29 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp30 seq 5 permit 52.0.0.0/8 ge 30 le 30
ip prefix-list ebgp30 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp31 seq 5 permit 51.0.0.0/16 ge 31 le 31
ip prefix-list ebgp31 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp32 seq 5 permit 50.0.0.0/16 ge 32
ip prefix-list ebgp32 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp_out1 seq 5 permit 36.0.0.0/8 ge 18 le 18
ip prefix-list ebgp_out1 seq 10 permit 80.0.0.0/8 ge 22 le 22
ip prefix-list ebgp_out1 seq 100 permit 192.168.0.0/16 ge 30 le 30
ip prefix-list ebgp_out1 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp_out2 seq 5 permit 26.0.0.0/8 ge 16 le 16
ip prefix-list ebgp_out2 seq 10 permit 81.0.0.0/8 ge 20 le 20
ip prefix-list ebgp_out2 seq 100 permit 192.168.0.0/16 ge 30 le 30
ip prefix-list ebgp_out2 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ebgp_out3 seq 100 permit 192.168.0.0/16 ge 30 le 30
ip prefix-list ebgp_out3 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp16 seq 5 permit 26.0.0.0/8 ge 16 le 16
ip prefix-list eigrp16 seq 10 permit 27.0.0.0/8 ge 16 le 16
ip prefix-list eigrp16 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp18 seq 5 permit 25.0.0.0/8 ge 18 le 18
ip prefix-list eigrp18 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp20 seq 5 permit 24.0.0.0/8 ge 20 le 20
ip prefix-list eigrp20 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp22 seq 5 permit 23.0.0.0/8 ge 22 le 22
ip prefix-list eigrp22 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp24 seq 5 permit 23.0.0.0/8 ge 24 le 24
ip prefix-list eigrp24 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp25 seq 5 permit 22.0.0.0/8 ge 25 le 25
ip prefix-list eigrp25 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp26 seq 5 permit 22.0.0.0/16 ge 26 le 26
ip prefix-list eigrp26 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp27 seq 5 permit 21.0.0.0/16 ge 27 le 27
ip prefix-list eigrp27 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp28 seq 5 permit 21.0.0.0/16 ge 28 le 28
ip prefix-list eigrp28 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp29 seq 5 permit 20.0.0.0/16 ge 29 le 29
ip prefix-list eigrp29 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp30 seq 5 permit 20.0.0.0/16 ge 30 le 30
ip prefix-list eigrp30 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp32 seq 5 permit 20.0.0.0/16 ge 32
ip prefix-list eigrp32 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp_out1 seq 5 permit 65.0.0.0/8 ge 18 le 18
ip prefix-list eigrp_out1 seq 10 permit 29.0.0.0/24 ge 32
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip prefix-list eigrp_out1 seq 15 permit 29.0.0.0/24
ip prefix-list eigrp_out1 seq 20 permit 29.0.0.0/22
ip prefix-list eigrp_out1 seq 100 permit 192.168.0.0/16 ge 30 le 30
ip prefix-list eigrp_out1 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp_out2 seq 5 permit 66.0.0.0/8 ge 18 le 18
ip prefix-list eigrp_out2 seq 10 permit 29.0.4.0/22
ip prefix-list eigrp_out2 seq 100 permit 192.168.0.0/16 ge 30 le 30
ip prefix-list eigrp_out2 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp_out3 seq 5 permit 67.0.0.0/8 ge 18 le 18
ip prefix-list eigrp_out3 seq 10 permit 29.0.8.0/22
ip prefix-list eigrp_out3 seq 100 permit 192.168.0.0/16 ge 30 le 30
ip prefix-list eigrp_out3 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp_out4 seq 5 permit 35.0.0.0/8 ge 20 le 20
ip prefix-list eigrp_out4 seq 100 permit 192.168.0.0/16 ge 30 le 30
ip prefix-list eigrp_out4 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list eigrp_out5 seq 5 permit 82.0.0.0/8 ge 20 le 20
ip prefix-list eigrp_out5 seq 100 permit 192.168.0.0/16 ge 30 le 30
ip prefix-list eigrp_out5 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp20 seq 5 permit 81.0.0.0/8 ge 20 le 20
ip prefix-list ibgp20 seq 10 permit 82.0.0.0/8 ge 20 le 20
ip prefix-list ibgp20 seq 15 permit 83.0.0.0/8 ge 20 le 20
ip prefix-list ibgp20 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp22 seq 5 permit 80.0.0.0/8 ge 22 le 22
ip prefix-list ibgp22 seq 10 permit 81.0.0.0/8 ge 22 le 22
ip prefix-list ibgp22 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp23 seq 5 permit 80.0.0.0/8 ge 23 le 23
ip prefix-list ibgp23 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp24 seq 5 permit 80.0.0.0/8 ge 24 le 24
ip prefix-list ibgp24 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp25 seq 5 permit 80.0.0.0/8 ge 25 le 25
ip prefix-list ibgp25 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp26 seq 5 permit 80.0.0.0/8 ge 26 le 26
ip prefix-list ibgp26 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp27 seq 5 permit 80.0.0.0/8 ge 27 le 27
ip prefix-list ibgp27 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp28 seq 5 permit 80.0.0.0/8 ge 28 le 28
ip prefix-list ibgp28 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp29 seq 5 permit 80.0.0.0/8 ge 29 le 29
ip prefix-list ibgp29 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp30 seq 5 permit 80.0.0.0/16 ge 30 le 30
ip prefix-list ibgp30 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp31 seq 5 permit 80.0.0.0/16 ge 31 le 31
ip prefix-list ibgp31 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp32 seq 5 permit 80.0.0.0/16 ge 32
ip prefix-list ibgp32 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp_out1 seq 5 permit 62.0.0.0/8 ge 20 le 20
ip prefix-list ibgp_out1 seq 100 permit 192.168.0.0/16 ge 30 le 30
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ip prefix-list ibgp_out1 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp_out2 seq 5 permit 63.0.0.0/8 ge 20 le 20
ip prefix-list ibgp_out2 seq 100 permit 192.168.0.0/16 ge 30 le 30
ip prefix-list ibgp_out2 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp_out3 seq 5 permit 64.0.0.0/8 ge 20 le 20
ip prefix-list ibgp_out3 seq 100 permit 192.168.0.0/16 ge 30 le 30
ip prefix-list ibgp_out3 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ibgp_out4 seq 5 permit 34.0.0.0/8 ge 22 le 22
ip prefix-list ibgp_out4 seq 10 permit 24.0.0.0/8 ge 20 le 20
ip prefix-list ibgp_out4 seq 100 permit 192.168.0.0/16 ge 30 le 30
ip prefix-list ibgp_out4 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list net11 seq 5 permit 11.0.0.0/24
ip prefix-list net11 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ospf18 seq 5 permit 36.0.0.0/8 ge 18 le 18
ip prefix-list ospf18 seq 10 permit 37.0.0.0/8 ge 18 le 18
ip prefix-list ospf18 seq 15 permit 38.0.0.0/8 ge 18 le 18
ip prefix-list ospf18 seq 20 permit 39.0.0.0/8 ge 18 le 18
ip prefix-list ospf18 seq 25 permit 40.0.0.0/8 ge 18 le 18
ip prefix-list ospf18 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ospf20 seq 5 permit 35.0.0.0/8 ge 20 le 20
ip prefix-list ospf20 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ospf22 seq 5 permit 34.0.0.0/8 ge 22 le 22
ip prefix-list ospf22 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ospf24 seq 5 permit 33.0.0.0/8 ge 24 le 24
ip prefix-list ospf24 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ospf25 seq 5 permit 32.0.0.0/8 ge 25 le 25
ip prefix-list ospf25 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ospf26 seq 5 permit 31.0.0.0/8 ge 26 le 26
ip prefix-list ospf26 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ospf27 seq 5 permit 31.0.0.0/8 ge 27 le 27
ip prefix-list ospf27 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ospf28 seq 5 permit 30.0.0.0/8 ge 28 le 28
ip prefix-list ospf28 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ospf29 seq 5 permit 30.0.0.0/16 ge 29 le 29
ip prefix-list ospf29 seq 10000 deny 0.0.0.0/0 le 32
!
ip prefix-list ospf30 seq 5 permit 30.0.0.0/16 ge 30 le 30
ip prefix-list ospf30 seq 10000 deny 0.0.0.0/0 le 32
logging facility local2
logging source-interface Vlan29
logging 10.5.1.21
ipv6 router eigrp 150
 distribute-list prefix-list IPv6EIGRP_OUT1 in GigabitEthernet3/1
 distribute-list prefix-list IPv6EIGRP_OUT2 in GigabitEthernet3/2
 distribute-list prefix-list IPv6EIGRP_OUT3 in GigabitEthernet3/3
 distribute-list prefix-list IPv6EIGRP_OUT4 in GigabitEthernet3/4
 distribute-list prefix-list IPv6EIGRP_OUT5 in GigabitEthernet3/5
 distribute-list prefix-list IPv6EIGRP_OUT6 in GigabitEthernet3/20.2100
 distribute-list prefix-list IPv6EIGRP_OUT7 in GigabitEthernet3/20.2101
 distribute-list prefix-list IPv6EIGRP_OUT8 in GigabitEthernet3/20.2102
 distribute-list prefix-list IPv6EIGRP_OUT9 in GigabitEthernet3/20.2120
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
distribute-list prefix-list IPv6EIGRP_OUT10 in GigabitEthernet3/20.2121
redistribute connected
redistribute ospf 100 route-map OSPFv6_to_EIGRPv6
redistribute bgp 100 route-map BGPv6_to_EIGRPv6
default-metric 100000 100 1 255 1500
!
ipv6 router ospf 100
distribute-list prefix-list ospfv6_2030 in GigabitEthernet3/25
distribute-list prefix-list ospfv6_2031 in GigabitEthernet3/26
distribute-list prefix-list ospfv6_2032 in GigabitEthernet3/35
distribute-list prefix-list ospfv6_2033 in GigabitEthernet3/36
distribute-list prefix-list ospfv6_2034 in GigabitEthernet3/37
distribute-list prefix-list ospfv6_2035 in GigabitEthernet3/38
distribute-list prefix-list ospfv6_2036 in GigabitEthernet3/44.2200
distribute-list prefix-list ospfv6_2037 in GigabitEthernet3/44.2201
distribute-list prefix-list ospfv6_2038 in GigabitEthernet3/44.2202
distribute-list prefix-list ospfv6_2039 in GigabitEthernet3/44.2203
redistribute connected
redistribute bgp 100
redistribute eigrp 150 include-connected
!
!
!
ipv6 prefix-list 11150 seq 5 permit 11:150::/96
!
ipv6 prefix-list BGPv6_to_EIGRPv6 seq 5 permit 2055::/90 ge 93 le 93
ipv6 prefix-list BGPv6_to_EIGRPv6 seq 6 permit 2082::/16 ge 109 le 109
ipv6 prefix-list BGPv6_to_EIGRPv6 seq 7 deny ::/0 le 128
!
ipv6 prefix-list IPv6EIGRP_OUT1 seq 5 permit 2020::/16 ge 128
ipv6 prefix-list IPv6EIGRP_OUT1 seq 10 deny ::/0 le 128
!
ipv6 prefix-list IPv6EIGRP_OUT10 seq 5 permit 2029::/16 ge 32 le 32
ipv6 prefix-list IPv6EIGRP_OUT10 seq 10 deny ::/0 le 128
!
ipv6 prefix-list IPv6EIGRP_OUT2 seq 5 permit 2021::/16 ge 120 le 120
ipv6 prefix-list IPv6EIGRP_OUT2 seq 10 deny ::/0 le 128
!
ipv6 prefix-list IPv6EIGRP_OUT3 seq 5 permit 2022::/16 ge 112 le 112
ipv6 prefix-list IPv6EIGRP_OUT3 seq 10 deny ::/0 le 128
!
ipv6 prefix-list IPv6EIGRP_OUT4 seq 5 permit 2023::/16 ge 96 le 96
ipv6 prefix-list IPv6EIGRP_OUT4 seq 10 deny ::/0 le 128
!
ipv6 prefix-list IPv6EIGRP_OUT5 seq 5 permit 2024::/16 ge 95 le 95
ipv6 prefix-list IPv6EIGRP_OUT5 seq 10 deny ::/0 le 128
!
ipv6 prefix-list IPv6EIGRP_OUT6 seq 5 permit 2025::/16 ge 93 le 93
ipv6 prefix-list IPv6EIGRP_OUT6 seq 10 deny ::/0 le 128
!
ipv6 prefix-list IPv6EIGRP_OUT7 seq 5 permit 2026::/16 ge 64 le 64
ipv6 prefix-list IPv6EIGRP_OUT7 seq 10 deny ::/0 le 128
!
ipv6 prefix-list IPv6EIGRP_OUT8 seq 5 permit 2027::/16 ge 63 le 63
ipv6 prefix-list IPv6EIGRP_OUT8 seq 10 deny ::/0 le 128
!
ipv6 prefix-list IPv6EIGRP_OUT9 seq 5 permit 2028::/16 ge 62 le 62
ipv6 prefix-list IPv6EIGRP_OUT9 seq 10 deny ::/0 le 128
!
ipv6 prefix-list OSPFv6_to_EIGRPv6 seq 5 permit 2035::/16 ge 90 le 90
ipv6 prefix-list OSPFv6_to_EIGRPv6 seq 6 deny ::/0 le 128
!
ipv6 prefix-list ospfv6_2030 seq 5 permit 2030::/16 ge 126 le 126
ipv6 prefix-list ospfv6_2030 seq 10 deny ::/0 le 128
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
!  
ipv6 prefix-list ospfv6_2031 seq 5 permit 2031::/16 ge 124 le 124  
ipv6 prefix-list ospfv6_2031 seq 10 deny ::/0 le 128  
!  
ipv6 prefix-list ospfv6_2032 seq 5 permit 2032::/16 ge 118 le 118  
ipv6 prefix-list ospfv6_2032 seq 10 deny ::/0 le 128  
!  
ipv6 prefix-list ospfv6_2033 seq 5 permit 2033::/16 ge 100 le 100  
ipv6 prefix-list ospfv6_2033 seq 10 deny ::/0 le 128  
!  
ipv6 prefix-list ospfv6_2034 seq 5 permit 2034::/16 ge 96 le 96  
ipv6 prefix-list ospfv6_2034 seq 10 deny ::/0 le 128  
!  
ipv6 prefix-list ospfv6_2035 seq 5 permit 2035::/16 ge 90 le 90  
ipv6 prefix-list ospfv6_2035 seq 10 deny ::/0 le 128  
!  
ipv6 prefix-list ospfv6_2036 seq 5 permit 2036::/16 ge 89 le 89  
ipv6 prefix-list ospfv6_2036 seq 10 deny ::/0 le 128  
!  
ipv6 prefix-list ospfv6_2037 seq 5 permit 2037::/16 ge 64 le 64  
ipv6 prefix-list ospfv6_2037 seq 10 deny ::/0 le 128  
!  
ipv6 prefix-list ospfv6_2038 seq 5 permit 2038::/16 ge 61 le 61  
ipv6 prefix-list ospfv6_2038 seq 10 deny ::/0 le 128  
!  
ipv6 prefix-list ospfv6_2039 seq 5 permit 2039::/16 ge 31 le 31  
ipv6 prefix-list ospfv6_2039 seq 10 deny ::/0 le 128  
!  
!  
!  
route-map BGP_to_EIGRP permit 10  
  match ip address prefix-list BGP_to_EIGRP  
!  
route-map EIGRP_to_BGP permit 10  
  match ip address prefix-list EIGRP_to_BGP  
!  
route-map BGPv6_to_EIGRPv6 permit 10  
  match ipv6 address prefix-list BGPv6_to_EIGRPv6  
!  
route-map connected_to_bgp permit 10  
  match ip address prefix-list connected_to_bgp  
!  
route-map ebgp_out2 permit 10  
  match ip address prefix-list ebgp_out2  
  set metric +4200  
  set local-preference 200  
  set as-path prepend 100 100 100  
!  
route-map static-to-ebgp permit 10  
!  
route-map ebgp-to-eigrpv6 permit 10  
!  
route-map static-to-eigrpv6 permit 10  
!  
route-map connected-to-ospfv3 permit 10  
!  
route-map BGP_to_OSPF permit 10  
  match ip address prefix-list BGP_to_OSPF  
!  
route-map OSPF_to_BGP permit 10  
  match ip address prefix-list OSPF_to_BGP  
!  
route-map ospfv3-to-ebgp permit 10  
!  
!
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
route-map ebgp-to-ospfv3 permit 10
!
route-map eigrpv6-to-bgp permit 10
!
route-map static-to-ospfv3 permit 10
!
route-map OSPF_to_EIGRP permit 10
  match ip address prefix-list OSPF_to_EIGRP
!
route-map EIGRP_to_OSPF permit 10
  match ip address prefix-list EIGRP_to_OSPF
!
route-map OSPFv6_to_EIGRPv6 permit 10
  match ipv6 address prefix-list OSPFv6_to_EIGRPv6
!
route-map connected_to_ospf permit 10
  match ip address prefix-list connected_to_ospf
!
route-map ospfv3-to-eigrpv6 permit 10
!
route-map eigrpv6-to-ospfv3 permit 10
!
snmp-server community public RO
snmp-server community mrtg RO
snmp-server location RTP6 1st Floor Lab
snmp-server contact Don Feely (919) 392-4447 dfeely@cisco.com
snmp-server enable traps snmp authentication linkdown linkup coldstart warmstart
snmp-server enable traps chassis
snmp-server enable traps module
snmp-server enable traps transceiver all
snmp-server enable traps ds1
snmp-server enable traps call-home message-send-fail server-fail
snmp-server enable traps tty
snmp-server enable traps eigrp
snmp-server enable traps casa
snmp-server enable traps ospf state-change
snmp-server enable traps ospf errors
snmp-server enable traps ospf retransmit
snmp-server enable traps ospf lsa
snmp-server enable traps ospf cisco-specific state-change nssa-trans-change
snmp-server enable traps ospf cisco-specific state-change shamlink interface-old
snmp-server enable traps ospf cisco-specific state-change shamlink neighbor
snmp-server enable traps ospf cisco-specific errors
snmp-server enable traps ospf cisco-specific retransmit
snmp-server enable traps ospf cisco-specific lsa
snmp-server enable traps auth-framework sec-violation
snmp-server enable traps ether-oam
snmp-server enable traps memory bufferpeak
snmp-server enable traps flex-links status
snmp-server enable traps csg agent quota-server database
snmp-server enable traps sonet
snmp-server enable traps dial
snmp-server enable traps dot1x auth-fail-vlan guest-vlan no-auth-fail-vlan no-guest-vlan
snmp-server enable traps ethernet cfm cc mep-up mep-down cross-connect loop config
snmp-server enable traps ethernet cfm crosscheck mep-missing mep-unknown service-up
snmp-server enable traps fru-ctrl ps-output-change status
snmp-server enable traps entity
snmp-server enable traps l2tc threshold sys-threshold
snmp-server enable traps module-auto-shutdown sys-action auto-shutdown
snmp-server enable traps cpu threshold
snmp-server enable traps rsvp
snmp-server enable traps srp
snmp-server enable traps switch-netflow thresh-exceeded
snmp-server enable traps vtp
```

Show running-config



## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
snmp-server enable traps vlancreate
snmp-server enable traps vlandelete
snmp-server enable traps flash insertion removal
snmp-server enable traps c6kxbar intbus-crcexcd intbus-crcrcvrd swbus tm-channel tm-swbus
snmp-server enable traps entity-diag boot-up-fail hm-test-recover hm-thresh-reached scheduled-test
snmp-server enable traps envmon fan shutdown supply temperature status
snmp-server enable traps port-security
snmp-server enable traps vswitch vsl
snmp-server enable traps cef resource-failure peer-state-change peer-fib-state-change inconsistency
snmp-server enable traps atm subif
snmp-server enable traps bulkstat collection transfer
snmp-server enable traps config-copy
snmp-server enable traps config
snmp-server enable traps config-ctid
snmp-server enable traps dhcp-snooping bindings
snmp-server enable traps dlsw
snmp-server enable traps event-manager
snmp-server enable traps frame-relay
snmp-server enable traps frame-relay subif
snmp-server enable traps hsrp
snmp-server enable traps ipmulticast
snmp-server enable traps MAC-Notification change move threshold
snmp-server enable traps msdp
snmp-server enable traps pim neighbor-change rp-mapping-change invalid-pim-message
snmp-server enable traps rf
snmp-server enable traps rtr
snmp-server enable traps slb real virtual csrp
snmp-server enable traps bridge newroot topologychange
snmp-server enable traps stpx inconsistency root-inconsistency loop-inconsistency
snmp-server enable traps syslog
snmp-server enable traps mvpn
snmp-server enable traps mpls ldp
snmp-server enable traps mpls fast-reroute protected
snmp-server enable traps mpls traffic-eng
snmp-server enable traps pw vc
snmp-server enable traps isakmp policy add
snmp-server enable traps isakmp policy delete
snmp-server enable traps isakmp tunnel start
snmp-server enable traps isakmp tunnel stop
snmp-server enable traps ipsec cryptomap add
snmp-server enable traps ipsec cryptomap delete
snmp-server enable traps ipsec cryptomap attach
snmp-server enable traps ipsec cryptomap detach
snmp-server enable traps ipsec tunnel start
snmp-server enable traps ipsec tunnel stop
snmp-server enable traps ipsec too-many-sas
snmp-server enable traps ethernetevc status create delete
snmp-server enable traps errdisable
snmp-server enable traps voice poor-qov
snmp-server enable traps alarms informational
snmp-server enable traps mpls vpn
snmp-server host 10.5.1.24 version 2c mrtg
snmp-server host 10.28.18.6 version 2c public udp-port 9898 config
snmp-server host 10.29.9.11 version 2c public udp-port 9898 config
tacacs-server host 10.29.9.12 key 7 04570A04
tacacs-server directed-request
!
!
!
!
ipv6 access-list acl-copp-match-pimv6-data
deny 103 any host FF02::D
permit 103 any any
!
```

Show running-config

## Data\_Center\_Switch\_Deployed\_as\_an\_Aggregation\_for\_Multiple\_Switches\_Configuration\_Example

```
ipv6 access-list acl-copp-match-mld
 permit icmp any any mld-report
 permit icmp any any mld-query
 permit icmp any any mld-reduction
!
ipv6 access-list acl-copp-match-ndv6
 permit icmp any any nd-na
 permit icmp any any nd-ns
 permit icmp any any router-advertisement
 permit icmp any any router-solicitation
 permit icmp any any redirect
!
control-plane
 service-policy input policy-default-autocopp
!
parser config cache interface
!
line con 0
 exec-timeout 0 0
line aux 0
line vty 0 4
 exec-timeout 0 0
 password 7 011F0706
 transport input all
line vty 5 15
 password 7 03085A09
 transport input ssh
!
monitor event-trace cef ipv4 size 1000000
ntp clock-period 17180094
ntp source Vlan29
ntp server 10.5.1.3
ntp server 10.5.1.4
!
end
```

## Related Information

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