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Port Group Server Settings

Administrator can use this API to create/update/fetch/delete the port group server settings API. Creation/Modification/Deletion of port group servers for PIMG is not supported.

Adding a SIP Proxy Server to Existing Port Group with SIP Phone Integration

The following are the mandatory fields:

- MediaPortGroupObjectId
- MediaRemoteServiceEnum

If you do not specify the IP address, default value is the loop back IP address.

```
POST https://<connection-server>/vmrest/portgroups/<PortGroupObjectId>/portgroupservers
Request Body:
<PortGroupServer>
  <MediaRemoteServiceEnum>102</MediaRemoteServiceEnum>
  <MediaPortGroupObjectId>42ef5946-c5f2-4556-9897-
6a4b6e116dfa</MediaPortGroupObjectId>
  <HostOrIPAddress>12.12.12.12</HostOrIPAddress>
  <Port>5060</Port>
  <TlsPort>5061</TlsPort>
  <Precedence>0</Precedence>
</PortGroupServer>
```

The following is the response from the above *POST* request and the actual response will depend upon the information given by you:

```
Response Code: 201
/vmrest/portgroupservers/8a009b99-22cf-4305-822d-f5e449a42263
```

JSON Example:

```
Request URI:
POST https://<connection-server>/vmrest/portgroups/<PortGroupObjectId>/portgroupservers
Accept: application/json
Content-Type: application/json
Connection: keep-alive
{
  "MediaRemoteServiceEnum": "102",
  "MediaPortGroupObjectId": "42ef5946-c5f2-4556-9897-6a4b6e116dfa",
  "HostOrIPAddress": "12.12.12.12",
  "Port": "5060",
  "TlsPort": "5061",
  "Precedence": "0"
}
```

The following is the response from the above *POST* request and the actual response will depend upon the information given by you:

```
Response Code: 201
/vmrest/portgroupservers/8a009b99-22cf-4305-822d-f5e449a42263
```

Adding a TFTP Server to Existing Port Group with SIP Phone Integration

```
POST https://<connection-server>/vmrest/portgroups/<PortGroupObjectId>/portgroupservers
Request Body:
<PortGroupServer>
  <MediaRemoteServiceEnum>101</MediaRemoteServiceEnum>
  <MediaPortGroupObjectId>42ef5946-c5f2-4556-9897-6a4b6e116dfa</MediaPortGroupObjectId>
  <HostOrIPAddress>110.110.110.110</HostOrIPAddress>
  <Precedence>0</Precedence>
</PortGroupServer>
```

The following is the response from the above *POST* request and the actual response will depend upon the information given by you:

```
Response Code: 204
/vmrest/portgroups/8a009b99-22cf-4305-822d-f5e449a42263
```

JSON Example:

```
POST https://<connection-server>/vmrest/portgroups/<PortGroupObjectId>/portgroupservers
Accept: application/json
Content-Type: application/json
Connection: keep-alive
Request Body:
{
  "MediaRemoteServiceEnum": "101", "MediaPortGroupObjectId": "42ef5946-c5f2-4556-9897-6a4b6e116dfa", "HostOrIPAddress": "110.110.110.110",
  "Precedence": "0"
}
```

The following is the response from the above *POST* request and the actual response will depend upon the information given by you:

```
Response Code: 201
```

/vmrest/portgroups/8a009b99-22cf-4305-822d-f5e449a42263

Adding a CCM Server to Existing Port Group with SCCP Phone Integration

Request URI:

```
POST https://<connection-server>/vmrest/portgroups/<PortGroupObjectId>/portgroupservers
<PortGroupServer>
  <MediaRemoteServiceEnum>100</MediaRemoteServiceEnum>
  <MediaPortGroupObjectId>42ef5946-c5f2-4556-9897-
6a4b6e116dfa</MediaPortGroupObjectId>
  <HostOrIPAddress>12.12.12.12</HostOrIPAddress>
  <Port>5060</Port>
  <TlsPort>5061</TlsPort>
  <Precedence>0</Precedence>
</PortGroupServer>
```

The following is the response from the above *POST* request and the actual response will depend upon the information given by you:

Response Code: 201

/vmrest/portgroups/8a009b99-22cf-4305-822d-f5e449a42263

JSON Example:

Request URI:

```
POST https://<connection-server>/vmrest/portgroups/<PortGroupObjectId>/portgroupservers
Accept: application/json
Content-Type: application/json
Connection: keep-alive
Request Body:
```

```
{
  "MediaRemoteServiceEnum": "100", "MediaPortGroupObjectId": "42ef5946-c5f2-4556-9897-
6a4b6e116dfa", "HostOrIPAddress": "12.12.12.12",
  "Port": "5060",
  "TlsPort": "5061",
  "Precedence": "0"
}
```

The following is the response from the above *POST* request and the actual response will depend upon the information given by you:

Response Code: 201

/vmrest/portgroups/8a009b99-22cf-4305-822d-f5e449a42263

Listing of Servers Configuration for a Port Group

The following is an example of the GET request that will list all the servers? configuration for a port group:

```
GET https://<connection-server>/vmrest/portgroups/<PortGroupObjectId>/portgroupservers
```

The following is the response from the above *GET* request and the actual response will depend upon the information given by you:

```
<PortGroupServers total="1">
```

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Port_Group_Server_Settings

```
<PortGroupServer>
  <URI>/vmrest/portgroups/0a7f3c85-e1bd-405e-a0e2-
9926fcdc5a37/portgroupservers/e3e412c3-16fc-4922-b863-c2e365c08350</URI>
  <ObjectId>e3e412c3-16fc-4922-b863-c2e365c08350</ObjectId>
  <MediaRemoteServiceEnum>102</MediaRemoteServiceEnum>
  <MediaPortGroupObjectId>0a7f3c85-e1bd-405e-a0e2-
9926fcdc5a37</MediaPortGroupObjectId>
  <PortGroupURI>/vmrest/portgroups/0a7f3c85-e1bd-405e-a0e2-
9926fcdc5a37</PortGroupURI>
  <HostOrIPAddress>10.76.214.56</HostOrIPAddress>
  <Port>5060</Port>
  <TlsPort>5061</TlsPort>
  <Precedence>0</Precedence>
  <HostOrIPAddressV6/>
</PortGroupServer>
</PortGroupServers>
```

Response Code: 200

JSON Example:

Request URI:

GET https://<connection-server>/vmrest/portgroups/<PortGroupObjectId>/portgroupservers

Accept: application/json

Connection: keep-alive

The following is the response from the above *GET* request and the actual response will depend upon the information given by you:

```
{
  "@total": "1",
  "PortGroupServer":
  {
    "URI": "/vmrest/portgroups/74a008c0-bdc6-4e4b-a304-
8a220a081990/portgroupservers/a05577f7-9769-4216-96d2-f9ea2f1721f7",
    "ObjectId": "a05577f7-9769-4216-96d2-f9ea2f1721f7",
    "MediaRemoteServiceEnum": "102",
    "MediaPortGroupObjectId": "74a008c0-bdc6-4e4b-a304-8a220a081990",
    "PortGroupURI": "/vmrest/portgroups/74a008c0-bdc6-4e4b-a304-8a220a081990",
    "HostOrIPAddress": "10.78.171.145",
    "Port": "5060",
    "TlsPort": "5061",
    "Precedence": "0",
    "HostOrIPAddressV6": ""
  }
}
```

Response Code: 200

Delete a Port Group Server

The following is an example of the Delete request that will delete the port group server specified by an object ID:

```
DELETE https://<connectionserver>/
vmrest/portgroups/<PortGroupObjectId>/portgroupservers/<PortGroupServerObjectId>
```

Response Code: 204

JSON Example:

```
DELETE https://<connectionserver>/
vmrest/portgroups/<PortGroupObjectId>/portgroupservers/<PortGroupServerObjectId
Accept: application/json
Connection: keep-alive
```

Response Code: 204

When a port group is deleted, all ports associated to the port group are also deleted.

Explanation of Data Fields

Parameter	Operations	Data Type	Comments
ObjectId	Read Only	String	Object Id of the port group server.
MediaRemoteServiceEnum	Read only	Enum	Values can be: <ul style="list-style-type: none"> • 100 - Cisco Unified Communications Manager server. • 101 - Cisco Unified Communications Manager Trivial File Transfer Protocol service. • 102 - SIP proxy server. • 103 - CCMAXL • 104 - PIMG.
Precedence	Read/Write	Integer	Specifies order of the servers. The range can be from 0 to 9999.
Port	Read/Write	Integer	Specifies port to be used. The range can vary from 0 to 9999.
TlsPort	Read/Write	Integer	Specifies the Tls port to be used. The range can vary from 0 to 9999.
HostOrIPAddress	Read/Read	String	Specifies the IPV4 address or hostname of the CUCM/ SIP Proxy/ TFTP server.
HostOrIPAddressV6	Read/Write	String	Specifies the IPV6 address or hostname of the CUCM/ SIP Proxy/ TFTP server.
SkinnyStateMachineEnum	Read/Write	Enum	Values can be: <ul style="list-style-type: none"> • 10 - Cisco Unified Communications Manager • 20 - Cisco CallManager Express This field is valid only for SCCP Integration.