

System_Capacity_for_Cisco_Prime_Collaboration

The following table lists the maximum capacity of Prime Collaboration Assurance when it is installed on a system that meets the virtual machine requirements. Prime Collaboration Assurance may not function as expected if the load exceeds the specified system capacity, for an OVA.

| System Parameters | Small OVA - 1000 endpoints | Medium OVA - 10000 endpoint | Large OVA - 100000 endpoints (Prime Collaboration 9.0) 80000 endpoints (Prime Collaboration 9.5) | Very large OVA - 150000 endpoint |
|---|----------------------------------|-----------------------------------|--|---|
| Concurrent client (browser) logins | 5 | 5 | 10 | 25 |
| Network IP devices(Infrastructure devices) | Up to 500 | Up to 1500 | Up to 3500 | Up to 4500 |
| Access ports | 10000 | 50000 | 100000 | 165000 |
| Voice interfaces | 500 | 1500 | 4000 | 15000 |
| Cisco Unified Communications Manager (Unified Communications Manager) clusters | 3 | 10 | 20 | 50 |
| Unified Communications Managers | 9 | 30 | 125 | 250 |
| VCS Nodes | 1 | 3 | 4 | 10 |
| Cisco Unified Communications Manager Express and Cisco Unity Express | Up to 100/100 | Up to 300/250 | Up to 750/750 | Up to 1500/1500 |
| Locations | 100 | 250 | 1000 | 2500 |
| Device Pools | 100 | 300 | 750 | 1500 |
| Survivable Remote Site Telephony (SRST) Devices | 100 | 300 | 1000 | 1500 |
| Route lists and route groups | 250 | 500 | 1000 | 2000 |
| Phone status tests/ Phone Tests | | | | |
| Phone test scale is for sequential execution in a batch test. Parallel phone tests are not supported in this release. | 50 | 500 | 1000 | 2000 |
| SRST monitoring | 100 | 250 | 1000 | 2000 |
| Synthetic tests | 25 | 100 | 250 | 500 |
| Node-to-node tests/IPSLA tests | 100 | 500 | 750 | 1500 |
| Syslogs/Min | 100 | 500 | 4000 | 6000 |
| Sustained event rate per minute | | | | |
| Sustained events are event rates handled by the system on a continuous basis. | 10 | 25 | 50 | 100 |
| High event rate per minute | 100 | 150 | 500 | 1500 |

System_Capacity_for_Cisco_Prime_Collaboration

| | | | | |
|---|--------------|---------------|----------------|-----------------|
| High events are event rates handled by the system during high activity periods that last for a short duration (up to 15 mins in two cycles). | | | | |
| Burst events Burst events are event rates handled by the system for a one-time high activity period. This is a process event count that includes poll events, traps, syslogs, and service quality traps.(30 mins cycle per 7 days) | 1000 | 1500 | 1500 | 3000 |
| Phone Access Switch/Router | up to 75 | up to 200 | up to 750 | up to 1500 |
| H.323/ MGCP Gateways/Voice Gateways | 100 | 500 | 950 | 1500 |
| Active TP Sessions | 50 | 100 | 500 | 1000 |
| TP Troubleshooting Sessions | 2 | 10 | 25 | 50 |
| Scheduled Meetings | 25 | 50 | 150 | 250 |
| CDR/CMR per minute sustained(22 hours/day)/Peak(2 hours/day) | 50/75 | 150/250 | 800/1000 | 1500/2000 |
| CDR/Min | Up to 50 | Up to 150 | Up to 800 | Up to 1500 |
| NAM or 1040 Streams/min | Up to 100 | Up to 1000 | Up to 5000 | Up to 5000 |
| CDR and RTP together/min | Up to 50/100 | Up to 150/800 | Up to 800/2500 | Up to 1000/3000 |