

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

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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