



VOALTE MOBILE SERVER

	TIER ONE	TIER TWO	TIER THREE ¹
Physical hardware			
CPU	8 cores (1 available socket preferred), 2.2GHz (excluding Hyper-Threading)	16 cores, 2.2GHz (excluding Hyper-Threading)	16 cores, 2.2GHz (excluding Hyper-Threading)
Memory	32GB	64GB	64GB
Operating system	CentOS™ 7	CentOS 7	CentOS 7
Network interface card	Gigabit Ethernet Interface Card	Gigabit Ethernet Interface Card	Gigabit Ethernet Interface Card
Storage	2x 1 TB Enterprise SSD configured in RAID 1	2x 1 TB Enterprise SSD configured in RAID 1	2x 1 TB Enterprise SSD configured in RAID 1
Number of servers	2	2	4
Number of users supported	2,000 concurrent users 10,000 users in the directory	5,000 concurrent users 20,000 users in the directory	15,000 concurrent users 40,000 in the directory.

IMPORTANT: For optimal performance on virtual machines, the following resources must be reserved exclusively for Voalte Mobile guest servers. If these resources are shared with other services, performance will be affected.

	TIER ONE	TIER TWO	TIER THREE ¹
Virtual machine²	Resources reserved exclusively for Voalte Mobile guest servers		
CPU	8 cores, 2.2GHz (excluding Hyper-Threading)	16 cores, 2.2GHz (excluding Hyper-Threading)	16 cores, 2.2GHz (excluding Hyper-Threading)
Memory	32GB	64GB	64GB
Operating system	CentOS 7	CentOS 7	CentOS 7
Storage	1 TB sustained enterprise SSD class performance	1 TB sustained enterprise SSD class performance	1 TB sustained enterprise SSD class performance
Number of servers	2	2	4
Number of users supported	2,000 concurrent users 10,000 users in the directory	5,000 concurrent users 20,000 users in the directory	15,000 concurrent users 40,000 in the directory.

Note: The Tier One, Two, and Three configurations describe a single production cluster with high availability. All machines in a cluster should be colocated. Disaster recovery capabilities can be added using offsite backups and/or a secondary data center containing a secondary cluster.

Note: To enable Voalte Me, you must use an existing reverse proxy network appliance (Netscaler, F5, or equivalent located in the DMZ) that can proxy external traffic on port 443 to the Voalte Mobile Server. For more details, please refer to the Voalte Me set up: Best practices for reverse proxy servers document.

VOALTE DATA EXPORT SERVER

(OPTIONAL, BUT REQUIRED FOR USE WITH VOALTE INSIGHT™ SOLUTION)

Physical hardware	
CPU	4 cores, 2.2GHz (excluding Hyper-Threading)
Memory	16GB
Operating system	CentOS 7
Network interface card	Gigabit Ethernet Interface Card
Storage	2x 320GB Enterprise HDD configured in RAID 1
Number of servers	1
Virtual machine ²	Resources reserved for Voalte Mobile guest servers
CPU	4 cores, 2.2GHz (excluding Hyper-Threading)
Memory	16GB
Operating system	CentOS 7
Storage	320GB (thin provisioning permitted)
Number of servers	1

VOALTE MOBILE SANDBOX SERVER³ (OPTIONAL)

VOALTE MOBILE QUORUM SERVER⁴

Virtual machine ²	Resources reserved for Voalte Mobile guest servers	
CPU	4 cores, 2.2GHz (excluding Hyper-Threading)	2 cores, 2.2GHz (excluding Hyper-Threading)
Memory	8GB	1GB
Operating system ⁴	CentOS 7	CentOS 7
Storage	500GB with sustained enterprise SSD class performance	30GB with sustained enterprise SSD class performance
Number of servers	1	1

1. For optimum performance and reliability, dedicated physical hardware is vendor-recommended at Tier Three. If a virtualized environment is used, the Voalte Mobile virtual machine resources and affinity best practices should be followed.
2. For additional detail regarding virtual machine configuration, please contact your Hillrom representative.
3. Not for production use.
4. If you have a Voalte Mobile Data Export Server, the Voalte Mobile Quorum Server is not needed.

For more information, please contact your local distributor or Hillrom sales representative at 1-800-535-6663.

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