## POLY CLARITI SOLUTION SPECIFICATIONS

### POLY CLARITI CORE AND POLY CLARITI EDGE HOST SPECIFICATIONS AND CAPACITIES

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>SMALL DEPLOYMENT</th>
<th>MED-LARGE DEPLOYMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supported Deployments</td>
<td>VMware, Microsoft Azure, Kernel-based Virtual Machine (KVM), Amazon Web Services (AWS), and Appliance Server</td>
<td>VMware, Microsoft Azure, Kernel-based Virtual Machine (KVM), Amazon Web Services (AWS), and Appliance Server</td>
</tr>
<tr>
<td>Virtual Core</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>Minimum CPU Speed</td>
<td>2.4 GHz</td>
<td>2.4 GHz</td>
</tr>
<tr>
<td>Total Required GHz</td>
<td>14.4 GHz</td>
<td>28.8 GHz</td>
</tr>
<tr>
<td>Minimum CPU Family</td>
<td>Haswell</td>
<td>Haswell</td>
</tr>
<tr>
<td>Memory</td>
<td>16GB</td>
<td>16GB</td>
</tr>
<tr>
<td>Storage</td>
<td>146 GB</td>
<td>146GB</td>
</tr>
<tr>
<td>Random IOPS</td>
<td>110 total</td>
<td>210 total</td>
</tr>
<tr>
<td>Performance</td>
<td>200 concurrent calls</td>
<td>• Poly Core</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- 5000 concurrent calls</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Up to 1200 H.323 calls, not to exceed 5000 total calls</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Up to 3600 SIP calls (encrypted or unencrypted), not to exceed 5000 total calls</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Poly Edge and combination systems (Poly Clariti Core and Poly Clariti Edge)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Up to 1000 concurrent calls</td>
</tr>
<tr>
<td>Note</td>
<td>• AWS deployment</td>
<td>• AWS deployment</td>
</tr>
<tr>
<td></td>
<td>- Use instance type t2.2xlarge</td>
<td>- Use instance type t4.4xlarge</td>
</tr>
<tr>
<td></td>
<td>• Azure deployment</td>
<td>• Azure deployment</td>
</tr>
<tr>
<td></td>
<td>- Use instance type D8d v4</td>
<td>- Use instance type D16s v2</td>
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</table>
## Poly Clariti Relay Host Specifications and Capacities

<table>
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<td>Supported Deployments</td>
<td>VMware, Microsoft Azure, Kernel-based Virtual Machine (KVM), and Amazon Web Services (AWS)</td>
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<tr>
<td>Virtual Core</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>Minimum CPU Speed</td>
<td>2.4 GHz</td>
<td>2.4 GHz</td>
</tr>
<tr>
<td>Total Required GHz</td>
<td>14.4 GHz</td>
<td>28.8 GHz</td>
</tr>
<tr>
<td>Minimum CPU Family</td>
<td>Haswell</td>
<td>Haswell</td>
</tr>
<tr>
<td>Memory</td>
<td>16GB</td>
<td>16GB</td>
</tr>
<tr>
<td>Storage</td>
<td>146 GB</td>
<td>146 GB</td>
</tr>
<tr>
<td>Random IOPS</td>
<td>110 total</td>
<td>210 total</td>
</tr>
<tr>
<td>Performance</td>
<td>200 concurrent calls</td>
<td><strong>Poly Clariti Relay</strong></td>
</tr>
<tr>
<td></td>
<td>• AWS deployment</td>
<td>• AWS deployment</td>
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<td>- Use instance type t2.2xlarge</td>
<td>- Use instance type t4.4xlarge</td>
</tr>
<tr>
<td></td>
<td>• Azure deployment</td>
<td>• Azure deployment</td>
</tr>
<tr>
<td></td>
<td>- Use instance type D8d v4</td>
<td>- Use instance type D16s v2</td>
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## Poly Clariti Workflow Lite Host Specifications and Capacities

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<tr>
<td>Supported Deployments</td>
<td>VMware, Microsoft Azure, Kernel-based Virtual Machine (KVM), Amazon Web Services (AWS), and customer server</td>
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</tr>
<tr>
<td>Operating System</td>
<td>Customer provided Microsoft Server</td>
<td>Customer provided Microsoft Server</td>
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<tr>
<td>Virtual Core</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Minimum CPU Speed</td>
<td>2.4 GHz</td>
<td>2.4 GHz</td>
</tr>
<tr>
<td>Total Required GHz</td>
<td>4.8 GHz</td>
<td>9.6 GHz</td>
</tr>
<tr>
<td>Minimum CPU Family</td>
<td>Haswell</td>
<td>Haswell</td>
</tr>
<tr>
<td>Memory</td>
<td>8 GB</td>
<td>16 GB</td>
</tr>
<tr>
<td>Storage</td>
<td>80 GB</td>
<td>80 GB</td>
</tr>
<tr>
<td>Random IOPS</td>
<td>110 total</td>
<td>210 total</td>
</tr>
<tr>
<td>Performance</td>
<td>Up to 500 devices</td>
<td>Up to 1000 devices</td>
</tr>
<tr>
<td>Note</td>
<td>• AWS deployment</td>
<td>• AWS deployment</td>
</tr>
<tr>
<td></td>
<td>- Use instance type t2.2xlarge</td>
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<td></td>
<td>• Azure deployment</td>
<td>• Azure deployment</td>
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<td></td>
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<td>- Use instance type D4d v4</td>
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</table>
POLY CLARITI CORE AND POLY CLARITI EDGE FEATURES

- Redundant/fault tolerant application clusters
- Cluster/supercluster configuration
- Geographical distribution of application cluster
- Geographic distribution of MCUs
- Web server for Poly Clariti App and Poly Clariti Roster
- Poly Clariti Relay MCU management
- Poly EVO Signaling
- Conference Control (Roster) APIs
- Signaling gateway between SIP MRC and Poly EVO
- Access proxy
- Firewall/NAT traversal
- Combined edge and core combo configuration for all core conferencing and firewall traversal needs on one device
- Auto-cascade for size and bandwidth
- SVC cascade between RPCS/RMX and Poly Clariti Relay MCUs
- Automatic call routing using H.323/SIP
- API Suite for provisioning, billing and conference management
- Automatic SIP conference failover
- Unified communications support
- Configurable conference templates
- Configurable group policies
- Support of multiple dial plans
- HTML5 user interface for administration
- Point-to-point call to VMR escalation (works with Poly Group Series v6.1.5 or higher)
- Simplified deployment options for Polycom ContentConnect using the Clariti Core MatchMaker load balancer
- SIP and H.323 remote users (registered/provisioned endpoints)
- SIP and H.323 guest users (unregistered/un-provisioned endpoints)
- SIP and H.323 business-to-business calling
- RTP/SRTP media relay
- AVC and SVC support
- LDAP/H.350 directory
- XMPP presence
- HTTPS/XML provisioning
- TLS security
- STUN/TURN server
- E.164 dialing
- Poly EVO audio/video/content
- H.323 audio/video/content
- SIP audio/video/content support
- PSTN/ISDN audio/video via Polycom RealPresence Collaboration Server 2000/4000
- Telepresence Interoperability Protocol (TIP)
- License pooling across clusters
- Support for NIC bonding
- High system availability
  - Duplicate application servers (clusters)
  - Geographically distributed
- Scalable Video Coding (SVC)
- VLAN Reliability
- Supports full redundancy with automatic failover
- Cluster and super cluster configurations for full redundancy with automatic failover throughout the network application clusters
  - Replicated databases
  - Synchronized data updates and call processing
  - Mix and match appliance and virtual machine for high availability
- Media server and dynamic resource (port) management
  - Multiple routing policies: zone-based, least used, priority
  - Media server management Capacity
- Supports up to 64 Polycom RealPresence Collaboration Servers and Cisco Telepresence MCU
- Single cluster (node) supports:
  - Registrations: 15,000
  - Point to point concurrent calls: 5,000
  - VMR concurrent calls - SIP = 2,400 - H.323 = 1,200 Poly EVO = 5000
- Supercluster
  - up to 10 servers in a cluster
- Poly Clariti Edge supports up to 1,000 concurrent calls

- Linux operating system
- Integration with existing IT access control mechanisms (e.g., Microsoft Active Directory)
- Lock-down of all nonessential services
- Does not provide or affect Assured Services Features (ASFs)
- Access List (ACL) Call control features
- SIP registrar as released, reduce downtime
- User adoption services
- Increase usage through training and awareness
- Support services
  - Access features and enhancements
**POLY CLARITI RELAY FEATURES**

**VIDEO SUPPORT**
- From QCIF to 1080p including intermediate resolutions
- H.264 (H.264 Annex G (SVC))
- 16:9 aspect ratio
- H.264 content sharing resolution
- No video / content transcoding
- High scale

**AUDIO SUPPORT**
- Siren 22 LPR for SVC calls
- Siren 22 LPR SAC (Scalable Audio Coding) for SVC calls
- Opus for SVC calls

**POLY CLARITI WORKFLOW LITE FEATURES**

**Simplified Scheduling**
- Interoperability
  - Poly EVO
  - SIP
  - H.323 conferences
- Calendaring
  - Microsoft Exchange Server 2010 or after, Microsoft Office 365 with Modern Auth, Microsoft Office 365 vNext
- SSO integration

**POLY CLARITI APP FEATURES**

**VIDEO SUPPORT**
- H.264
- Up to 16 Streams visible
- Up to 1080p/30 fps

**AUDIO SUPPORT**
- Opus
- Content support
- Configurable content sharing policy
- Up to 1080p/30 fps

**Browser Support**
- Chrome

**END USER CALL CONTROLS**
- Group Chat
- Polling/voting
- Hand Raising
- Mute/Unmute Self/Other
- Mute/Unmute on Join
- Participant List
- Chairperson/Moderator

**SECURITY**
- AES 128/256 bit media encryption
- Transport layer security (Poly EVO and management network)
- Unified conferencing (voice, video and data)
  - Advanced error resiliency for SVC calls
  - Lobby support
  - SVC cascade with Poly RealPresence Collaboration Server/RLMX

**Network Support**
- SRTP Support-video and content
- SIP video and content
- IPv4
- 10/100/1000 Mb interface

**Management**
- Done via Poly Clariti Core/Edge

**LEARN MORE**
For more information about Poly Services, contact your authorized Poly representative for partner. Alternately, visit [www.poly.com](http://www.poly.com)