Deployment Models

With Cisco Collaboration Systems you can choose from many deployment options, including cloud computing, hybrid, and on-premises. The following sections provide deployment model examples and information.

Cisco Preferred Architecture and Cisco Validated Designs

Cisco Preferred Architectures and Cisco Validated Designs (CVDs) help you design and deploy powerful, comprehensive, and scalable collaboration architectures with collaboration services, such as Cisco Unified Communications, Video Collaboration, and Contact Center. Cisco Preferred Architectures and CVDs guides provide the framework for systems design based on common use cases or current engineering system priorities. Cisco engineers have tested and documented each CVD to help ensure a faster, more reliable, and more predictable deployment.

- Cisco Preferred Architecture design overviews provide a prescriptive, end-to-end architecture, an understanding of the individual products and their role in the overall architecture, along with basic design best practices and a sample Bill of Materials

- CVDs provide detailed design and step-by-step deployment information for collaboration deployments and are based on Preferred Architectures.

For samples of Cisco Preferred Architecture and CVDs see Cisco Validated Designs for Collaboration.

Tested Deployment Models

Cisco has developed a variety of site models as standard architectures. These models were tested and optimized for maximum efficiency and performance. You can derive your network design by choosing the deployment model that most closely matches your business and then adding the specific features and applications that meet your business needs.

For information about Contact Center deployment Unified Contact Center Enterprise models tested by the Collaboration Systems Validation team for this release, go to http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/uc_system/V10-5-1/cc-system-arch/Testbed1a.html.

For information about Contact Center deployment Unified Contact Center Express models tested by the Collaboration Systems Validation team for this release, go to http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/uc_system/V10-5-1/cc-system-arch/Testbed2a.html.

For information about Collaboration tested deployments and site models for this release, go to http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/uc_system/V10-5-1/ipt-system-arch/stentMOD.html.

Cisco Collaboration Systems Solution Reference Network Designs (SRND)

For additional guidelines, recommendations, and best practices for implementing Collaborations networking solutions, go to Cisco Collaboration Systems 10.x Solution Reference Network Designs (SRND).

- IPv6 Support, page 2

IPv6 Support

Cisco Collaboration Systems supports the deployment of IPv6 in Unified Communications selected products. The current deployment can be configured to support IPv6 for voice and video for SIP, and voice for SCCP signaling. The characteristics and benefits of the IPv6, in all deployment models is the same as those in the IPv4, and as defined in the IPv6 Cisco Collaboration 10.x Solution Reference Network Design (SRND).

To learn more about deploying Cisco collaboration products in an IPv6 environment, go to http://www.cisco.com/web/solutions/trends/ipv6/index.html.

Note IPv6 is not supported in Cisco Unified Contact Center environments.