Collaboration Solution Sizing Guidance

Collaboration Sizing, Configuration and Quoting Tools

The Cisco Unified Communications (UC) Sizing, Configuration and Quoting Tools assists you with hardware sizing for large or complex Cisco Unified Communications solutions. The tools calculate the call-processing requirements for products that have a major impact on performance and scalability.

System engineers or individuals with equivalent Cisco Unified Communications solution experience can use the sizing tools to design and model solutions for existing and prospective customers. The tool requires various types of information to calculate the minimum size and type of devices required for a solution, such as the type and quantity of IP phones, gateways, and media resources. For most device types, the tool also requires the average number of call attempts per hour per device during the busy hour (busy hour call average, or BHCA) and the average usage time. The tool generates calculations that you can copy, save, and send to other users.

Cisco makes assumptions about end-users' requirements for the purpose of describing Unified Communications (UC) deployment examples in this guide. These assumptions may not align to your specific deployment requirements; use these sizing tools to calculate accurate hardware sizing and VM count. You can access the Unified Communications Tools at www.cisco.com/go/cst.

Collaboration Sizing Tool

The Collaboration Sizing Tool lets you quickly and accurately size large and complex Cisco Collaboration Systems. Use this tool for sizing of large or complex on-premise and hybrid deployments of more than 5000 users or endpoints. The Collaboration Sizing Tool is available for download at:
https://cucst.cloudapps.cisco.com/

Quote Collab

The Quote Collab tool is used during the pre-sales process before completion and validation of Bill of Materials in Cisco Commerce Workspace. Quote Collab is designed for 500-5K user deployments based on BE7K. This tool will:

- Assist the user with selection of Endpoints, Clients and Conference Room systems.
- Assist the user with determining Cisco License requirements.
- Help to determine the number of servers needed for Cisco Collaboration applications.
- Recommend the deployment of virtualized Cisco Collaboration on Cisco servers. Today this can be done with the Virtual Machine Placement Tool.
- Build a Bill of Materials for the configured solution.
- Export the Bill of Materials to Cisco Commerce Workspace for completion and validation.

The Quote Collab tool is available at: https://cqc.cloudapps.cisco.com/

Cisco Commerce Workspace (CCW)

Cisco Commerce Workspace (CCW) is a platform where you can: register deals; browse the catalog; configure and price products, software, and related services, and submit an order. These tools are especially useful when placing orders for Cisco HCS.

Cisco Commerce Workspace (CCW) Configurations:

The CCW Configurations module helps you create configurations that you can import into other configurations, deals, quotes, or orders. You can create configurations by manually entering Product IDs (PIDs) and manipulating available options. CCW Configurations includes business rules associated with most PIDs that can help you add all of the components of an order. Access CCW Configurations at http://www.cisco.com/go/ccw.

For more information about using CCW Configurations, see the Cisco Commerce Workspace page at https://apps.cisco.com/Commerce/home. For more information about Cisco PIDs, see the Product Identification Standard at http://www.cisco.com/c/en/us/products/unique-device-identifier-udi.html.

Configuration sets ultimately become valid Cisco HCS orders. You can create a configuration set (or ConfigSet) with manual selections, or you can import a ConfigSet generated from a GSS session. If you create a configuration set manually, knowledge of the licensing model is important; CCW's business rules will assist with validating your order, but a general knowledge is helpful to understand the rules.