



Introduction to Coresidency

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Coresidency Inclusions

Coresident means “running different Collaboration applications in dedicated virtual machines on the same virtualized Business Edition physical server or host”.

In addition to Cisco Unified Communications (UC) applications that are sold with Cisco Business Edition 6000 (BE6000M, BE6000H) and Cisco Business Edition 7000 (BE7000M and BE7000H), Cisco also allows the installation of a broader range of Cisco and third-party virtualized applications, subject to the conditions that are detailed in this document.

This policy also applies to any nonappliance generic Cisco UCS server using Collaboration embedded virtualization software licenses. This includes Cisco UC Virtualization Hypervisor, Cisco UC Virtualization Hypervisor Plus, or Cisco UC Virtualization Foundation. This policy includes all new and previously supplied BE6000S, BE6000M, BE6000H, BE7000M, and BE7000H appliances with embedded virtualization software licenses.

BE6000M, BE6000H, BE7000M, and BE7000H

Business Edition applications include the Collaboration applications that are explicitly integrated in the BE6000 and BE7000 Solutions. These applications are factory-preloaded on the appliance and many are integrated with BE6000 starter licensing. Business Edition applications that are preloaded on BE6000M, BE6000H, BE7000M, and BE7000H servers are as follows:

- Cisco Prime Collaboration Provisioning (10.0 and later releases only)
- Cisco Unified Provisioning Manager Business Edition (8.x and 9.x releases only)
- Cisco Prime Collaboration Deployment
- Cisco TelePresence Management Suite
- Cisco Unified Communications Manager
- Cisco Unity Connection
- Cisco Unified Communications Manager IM and Presence Service

- Cisco Paging Server
- Cisco Expressway
- Cisco Emergency Responder
- Cisco Unified Attendant Console
- Cisco Unified Contact Center Express
- Cisco TelePresence Video Communication Server (CSR 11.5 and earlier releases only)
- Cisco TelePresence Conductor (CSR 10.x and 11.x releases only)
- Cisco TelePresence Server Virtual Machine (CSR 10.x and 11.x releases only)
- Cisco TelePresence Content Server (10.6 through 11.5 releases only)

On BE6000M, BE6000H, BE7000M, BE7000H servers (or any non-Business Edition Cisco UCS server) with embedded virtualization software licenses:

- Cisco supports all Business Edition applications that are in the preceding list.
- Non-Business Edition applications are allowed if all rules in this document are followed. Cisco TAC support is only for products that are purchased from Cisco with a valid, active maintenance contract. Refer to the [Non-Business Edition Applications](#), on page 2.

Not all UC applications support coresidency, or they may have limited support of coresidency. See each product's page on the www.cisco.com/go/uc-virtualized for its coresidency policy.

All other general UC virtualization rules apply; for example, VMware feature support and supported ESXi versions. For more information, see the www.cisco.com/go/uc-virtualized.

Non-Business Edition Applications

In a BE6000 or BE7000 deployment with one physical server, up to three third-party virtual machines may run on the server. For larger deployments, a maximum of three times the number of physical servers is permitted. The allowed quantity of third-party virtual machines can be deployed across physical servers in any combination. For example, with two physical servers, the six virtual machines can be distributed evenly across both, all, or one physical server.

Non-Business Edition applications include the following:

- Other Cisco Collaboration applications that are listed at www.cisco.com/go/virtualized-collaboration (such as MediaSense) that are not explicitly listed as part of the BE6000 or BE7000 solutions. This includes Microsoft Windows, SQL Server, or ActiveDirectory dedicated to a Cisco application (such as Unified Contact Center Enterprise, TelePresence Media Server, or Spark Hybrid Service connectors).
- Virtualized third-party applications that are included in the Solution Partner Program (SPP), formerly known as Cisco Developer Network (CDN) Marketplace Solutions Catalog for Collaboration. A list of all permitted third-party Collaboration applications can be found [here](#). Select **Technology = Collaboration**.



Note You may only use third-party applications from the Collaboration category with the Business Edition embedded Hypervisor licenses.

- Virtualized third-party applications that are offered through the Cisco SolutionsPlus Program and complementary to Collaboration are described at the http://www.cisco.com/web/partners/pr46/solutions_plus/index.html.
- Cisco Smart Software Manager satellite

For more details on supported Non-Business Edition applications, see the application links in the “At a Glance - Cisco Collaboration Virtualization Support” table at www.cisco.com/go/virtualized-collaboration.

For permitted third-party applications, there is a maximum number of virtual machines that are allowed in a BE6000, BE7000, and Cisco UCS server deployments using Cisco Unified Communications Virtualization Hypervisor or Cisco Unified Communications Virtualization Foundation licensing.

All non-Business Edition applications must be qualified to run virtualized on VMware and must align with the virtualization software requirements for Cisco Collaboration that are outlined at the http://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/uc_system/virtualization/virtualization-software-requirements.html.



Important

- 1 All applications must support ESXi 6.5 as a minimum and align with supported versions of Business Edition and Non-Business Edition Collaboration applications.
 - 2 If you run a coresident deployment that includes third-party non-Business Edition applications, you must agree to temporarily reduce the number of virtual machines that are running on a host if we deem it necessary for debugging purposes.
 - 3 You must permanently reduce the number of virtual machines that are running on a host if we determine that the host is overloaded.
 - 4 If you are unwilling to agree to these requirements, Cisco TAC will not support the coresident deployment.
 - 5 Support for third-party applications is provided by the vendor of the individual application.
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