Cisco UCS C-Series Rack Servers for Microsoft Exchange 2010

Delivering Choice for Businesses of Every Size

Highlights

Predictable Performance
- The Cisco UCS® C-Series Rack Servers solution for Microsoft Exchange 2010 is based on a balanced approach to resources, supported by the high-bandwidth Cisco UCS Virtual Interface Card (VIC) 1225 and high-performance Intel® Xeon® processors.

Rapid Deployment
- The Cisco Unified Computing System™ (Cisco UCS) provides wire-once infrastructure that is ready out of the box.

Reduced Risk
- Reliable, highly available infrastructure helps ensure continuous access to Microsoft Exchange.

Built to Scale
- The solution can scale rapidly to meet the largest messaging workloads.
- Cisco SmartPlay expansion paks help to scale server memory and disk capacity.

Future Entry-Point into Unified Computing
- Only Cisco UCS C-Series Rack Servers offer performance today and a future entry point into unified computing tomorrow.

Cisco UCS® C-Series Rack Servers running Microsoft Exchange Server provide an excellent foundation for corporate messaging solutions

Whether deployed as standalone servers or part of the Cisco Unified Computing System™ (Cisco UCS), Cisco UCS C-Series Servers provide a flexible, scalable, cost-effective, standard, and tested platform that meets business needs without compromise. Cisco® SmartPlay bundles provide a range of computing and memory configurations to help businesses quickly deploy Microsoft Exchange Server environments. A small, self-contained standalone solution with internal storage uses the Cisco UCS C240 M3 Rack Server (Figure 1). For larger implementations, the Cisco UCS C220 M3 Rack Server combines with shared storage to deliver greater scalability. For organizations wanting the benefits of a single unified system, the Integrated Cisco UCS SmartPlay bundle provides a substantially discounted entry point into Cisco UCS (Table 1).

Solution Benefits

As part of the Cisco UCS family of servers, Cisco UCS rack servers deliver important benefits to the business in addition to being excellent Microsoft Exchange Server platforms:

- **Easy ongoing management and maintenance:** Cisco rack servers are designed to work as standalone systems or integrated into Cisco UCS with unified management. Many small businesses find that managing servers as standalone systems fits their immediate needs; this solution provides that capability, without sacrificing the ability to move to Cisco's
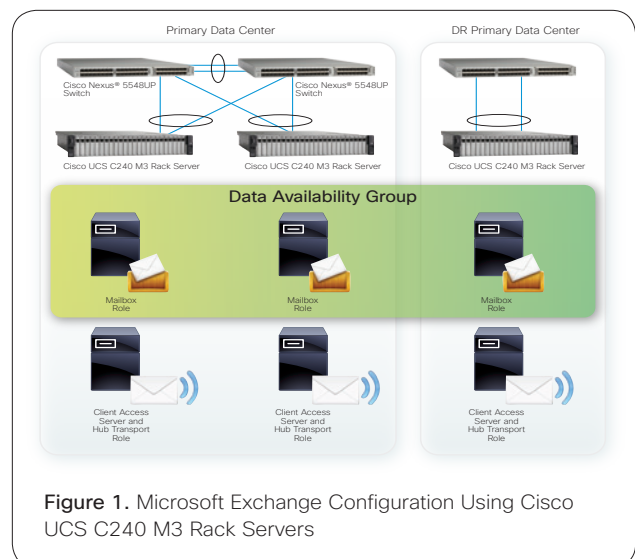

Figure 1. Microsoft Exchange Configuration Using Cisco UCS C240 M3 Rack Servers

Table 1. Cisco UCS C-Series Solutions Can Be Ordered with a Combination of Cisco SmartPlay Bundles and Expansion Paks

Solution	Small Standalone Solution	Medium-Sized Standalone Solution	Integrated Cisco UCS Solution
Computing	1 Cisco UCS C240 M3 Rack Server with: • 2 Intel Xeon processors E5-2680 at 2.7 GHz (8 cores per processor) • 64 GB of memory or more with memory expansion paks • Redundant power supplies • Cisco UCS VIC 1225 • LSI MegaRAID 9266CV-8i PCIe card	1 Cisco UCS C240 M3 Rack Server with: • 2 Intel Xeon processors E5-2680 at 2.7 GHz (8 cores per processor) • 96 GB of memory or more with expansion paks • Redundant power supplies • Cisco UCS VIC 1225 (available separately) • LSI MegaRAID 9266CV-8i PCIe card	4 Cisco UCS C220 M3 Servers with: • 2 Intel Xeon processors E5-2643 at 3.3 GHz (4 cores per processor) • 64 GB of memory or more with expansion pak (8-GB DIMM 4-pak) • Redundant power supplies • Cisco UCS VIC 1225 • LSI MegaRAID 9266CV-8i PCIe card
Storage	Internal disk storage available through expansion pak: • 2 300-GB or 600-GB 10K SAS drives	Internal disk storage: • 16 300-GB 15K SAS drives (up to 24 with optional expansion paks)	Internal disk expansion pak • 2 600-GB 10K SAS drives for booting and/or external shared storage
Networking			• 2 Cisco UCS 6248UP 48-Port Fabric Interconnects • 2 Cisco Nexus 2232PP 10GE Fabric Extenders

unified management model at a later time.

• **Performance and choice**:
Cisco UCS C-Series servers are available in several configurations, from standalone rack servers with internal and external storage to complete Cisco UCS bundles.

• **Support for Microsoft System Center Operations Manager (SCOM):**
The Cisco UCS Management Pack for Microsoft SCOM provides insight from the chassis all the way to the virtual machine layer.

• **Integrated virtualization support:**
Every Cisco UCS C-Series server is optimized for virtualized environments, supporting organizations that want to consolidate their Microsoft Exchange Server environments and potentially implement a private cloud.

Easy Ordering

Cisco UCS for Microsoft Exchange Server is available through the Cisco SmartPlay program (see Table 1). The program makes it easy to quickly deploy a powerful, secure collaboration environment in your enterprise without the expense or risk entailed in designing and building your own custom solution.

For More Information

For more information about the Cisco SmartPlay program, please visit http://www.cisco.com/go/smartplay.

For more information about Cisco UCS solutions for Microsoft products, please visit http://www.cisco.com/go/Microsoft.