

Cisco Video Surveillance Manager for Cisco UCS B and C Series

Cisco® Video Surveillance Manager for Cisco UCS® B and C Series Servers represents the start of a new generation of virtualized appliances for use with the Cisco Video Surveillance Manager product line.

The Cisco Video Surveillance Manager for Cisco UCS B and C Series employs mainstream Cisco Video Surveillance Manager technology that has been optimized for virtual environments. This technology seamlessly integrates with new and existing Cisco Video Surveillance Manager deployments.

Table 1 describes the features of the Cisco Video Surveillance Manager for Cisco UCS B and C Series systems.

Table 1. Features of the Cisco Video Surveillance Manager for Cisco UCS B and C Series Servers

Item	Specification
Proven surveillance platform	<ul style="list-style-type: none"> • Extends proven Video Surveillance Manager capabilities to virtual environments • Integrates seamlessly with new and existing Video Surveillance Manager deployments
Increased solution flexibility and operational efficiency	<ul style="list-style-type: none"> • Provides deployment flexibility and simplified management through virtualization tools • Decreases end-to-end time to deploy a fully functional virtual machine

Software Packaging and Installation

Table 2 describes how to obtain the Cisco Video Surveillance Manager.

Table 2. Software Packaging and Installation for Cisco Video Surveillance Manager for Cisco UCS B and C Series Software Packaging and Installation

Package	Description
Open Virtualization Format (OVF)	<ul style="list-style-type: none"> • Downloadable OVF virtual appliance in the form of a single file with the extension .OVA • Deployed with OVF templates and packages

Solution Deployment Requirements

The products listed in Tables 3 and 4 must be deployed when using the Cisco Video Surveillance Manager for Cisco UCS B and C Series servers. Not that the B Series and C Series have different requirements.

Table 3. Deployment Requirements for Cisco Video Surveillance Manager on Cisco UCS B Series

Package	Description
Hypervisor and hypervisor management	<ul style="list-style-type: none"> • VMware ESXi 5.0+
Resources per virtual machine (VM)	2.66 GHz or greater CPU, 4 vCPU, 12-GB vRAM
Performance per VM	250 Mbps aggregated across camera streams up to a maximum of 250 streams
Max VMs	Dedicated physical core to vCPU in mixed environment Up to 4 VMs in a 12-core homogenous environment
Storage	Fiber-attached logical unit numbers (LUNs) up to 16 TB each

Table 4. Deployment Requirements for Cisco Video Surveillance Manager on Cisco UCS C Series

Package	Description
Hypervisor and hypervisor management	<ul style="list-style-type: none">• VMware ESXi 5.0+
Resources per VM	2.40 GHz or greater, 4 vCPU, 12-GB vRAM
Performance per VM	250 Mbps aggregated across camera streams up to a maximum of 250 streams.
Max VMs	Dedicated physical core to vCPU; Overprovisioning of CPU resources not supported.
Storage	Fiber-attached LUNs up to 16 TB each Internal with multiple 2-TB LUNs

Ordering Information

Table 5 lists the part numbers for the Cisco Video Surveillance Manager on Cisco UCS B and C Series systems.

Table 5. Ordering Information

Part Number	Description
L-VSOM6-B-VM-K9=	eDelivery license for Cisco B-Series VSOM 6.3.2 VM
L-VSMS6-B-VM-K9=	eDelivery license for Cisco B-Series VSMS 6.3.2 VM
L-VSOM6-C-VM-K9=	eDelivery license for Cisco C-Series VSOM 6.3.2 VM
L-VSMS6-C-VM-K9=	eDelivery license for Cisco C-Series VSMS 6.3.2 VM
CIVS-MS-CPSD-1SCL	CIVS 1 Cisco Device Stream Connect License for Media Server
CIVS-MS-1SCFL=	1 Stream Connection Feature License for Media Server

Services and Support

Cisco and our certified partners can help you accelerate success and improve the return on your investment in a Cisco Physical Security solution. The Cisco Lifecycle Services approach to services defines the requisite activities at each phase of the solution lifecycle:

- Reduce deployment costs by identifying the features that will best meet your business requirements
- Accelerate migration by assessing the readiness of your network to support the system and by developing a sound design
- Support smooth implementation through effective planning and expert installation, configuration, and integration
- Increase operational efficiency and extend the value of your investment with award-winning technical support

For more information about Cisco services, visit: <http://www.cisco.com/go/services>.

For More Information

For more information about the Cisco Video Surveillance Storage System platforms, visit <http://www.cisco.com/go/physec> or contact your local account representative.



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