

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: 32-bit OS: 16TB max 64-bit OS: 100TB max |

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 or Internal Storage LUNs up to: 32-bit OS: 16TB max 64-bit OS: 100TB max Note: For ESXi5.0, Internal storage in only multiple 2TB LUNs is supported |

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-CPS-VSOM7-B-VM= | eDelivery license for Cisco B-Series VSOM 6.3.2 VM |
| L-CPS-VSMS7-B-VM= | eDelivery license for Cisco B-Series VSMS 6.3.2 VM |
| L-CPS-VSOM7-C-VM= | eDelivery license for Cisco C-Series VSOM 6.3.2 VM |
| L-CPS-VSMS7-C-VM= | eDelivery license for Cisco C-Series VSMS 6.3.2 VM |

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

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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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