



## Requirements for installation

---

- [Requirements for installation, on page 1](#)

## Requirements for installation

Make sure the conditions listed below are met before installing Cisco Cyber Vision as a virtual machine.

### Required configuration for a VM:

#### Hypervisor:

- VMware vSphere 6.x or later.
- OR
- Microsoft Hyper-V Server 2016 or later.

Make sure the hypervisor used is set with the rights necessary for a new VM instantiation.

| VM sizing   |
|---|
| Minimum – up to 500 components: <ul style="list-style-type: none"><li>• CPU: Intel Xeon, 8 cores</li><li>• RAM: 16GB minimum</li><li>• Storage: 500GB SSD</li></ul> |

**VM sizing**

Recommended:

For 10,000 components w/o Center DPI:

- CPU: Intel Xeon, 10 cores
- RAM: 32GB minimum
- Storage: 1TB SSD minimum, RAID-10

For more than 10,000 components or Center DPI:

- CPU: Intel Xeon, 16 cores
- RAM: 64GB minimum
- Storage: 1TB SSD minimum, RAID-10

**Required resources:**

- One or two IP addresses, depending on a Center installed with single or dual interface. Dual interface: one interface receives protocol data from the sensors (Collection network interface), the other is used to access the web interface and for SSH remote administration (Administration network interface) (n/a to a Global Center or a Center configured with single interface).

An additional interface dedicated to DPI is required to deploy a Center with sensor function on EXSi.

- An IP address for each sensor to connect (preferably on a dedicated LAN or VLAN for connections between the sensors and the Center i.e. the Industrial network interface) (n/a to a Global Center).
- A NTP server accessible from the Center (time is generally retrieved on a router).
- A machine name which has to be unique (either configured on the DNS, or to be configured on each client). This is essential for the security exchanges setup between a client (humans or API) and the Center.