



Prerequisites

The following sections detail the prerequisites for installing Cisco Elastic Services Controller:

- [Virtual Resource Requirements, on page 1](#)
- [Software Requirements, on page 1](#)
- [Preparing for the Installation, on page 2](#)

Virtual Resource Requirements

The following table lists the virtual resource requirements for Cisco Elastic Services Controller:

| Requirements (for 1000 VNFs/VM management) | Description |
|---|--------------------|
| Virtual CPUs | 4 VCPUs |
| Memory | 8 GB RAM |
| Disk Space | 30 GB |

| Requirements (for 5000 VNFs/VM management) | Description |
|---|--------------------|
| Virtual CPUs | 8 VCPUs |
| Memory | 16 GB RAM |
| Disk Space | 60 GB |

Software Requirements

The following table lists the software requirements on OpenStack:

| Requirements | Description |
|--------------------|---|
| Supported Browsers | <p>Any of the following:</p> <ul style="list-style-type: none"> • Mozilla Firefox 40.x or later • Google Chrome 44.x or later <p>Note When you launch ESC through Mozilla Firefox 40.x or later versions, some of the pages may show extra checkmarks with black check boxes. This occurs due to a known issue in Mozilla Firefox.</p> |
| OpenStack Version | <p>Any of the following:</p> <ul style="list-style-type: none"> • Newton • Ocata • Queens • Keystone V2 and V3 |

Preparing for the Installation

Before you perform the installation, ensure that you are prepared by reviewing this checklist:

| Requirements | Your Information/ Notes |
|---|---|
| For Pre-installation Configuration | |
| QCOW image location | |
| QCOW image | |
| VM per Instance | |
| IP address | |
| Subnet mask | |
| Hostname | |
| Domain name | |
| Gateway IP address | |
| Admin password | |
| ESC Release Package | |
| ESC.qcow2 | An image file for booting up the ESC instance |

| Requirements | Your Information/ Notes |
|--------------|---|
| bootvm.py | The installation script compatible with python 2.7.6 and Python 3.4 |

