



Prerequisites

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

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- [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	Any of the following: • Mozilla Firefox 40.x or later • Google Chrome 44.x or later 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.
OpenStack Version	Any of the following: • 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

