Prerequisites

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

Virtual Resource Requirements

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

ESC Deployment	Number of ESC VMs	Virtual CPU per ESC VM	Virtual Memory (GB) per ESC VM	Virtual Hard Disk (GB)per ESC VM	Number of total VMs Supported	VIM
ESC Standalone	1	4	8	40	1000	All supported VIMs
ESC Active/Standby HA	2	4	8	40	2500	All supported VIMs
ESC Active/Active HA	3	8	16	40*	5000	OpenStack Only
ESC GEO HA	6	8	16	40*	5000	OpenStack Only

Note *The Active/Active HA and Geo HA deployment can accommodate up to 60 GB of hard disk while provisioning the NFVI resources.

Software Requirements

The following table lists the software requirements on OpenStack:

Requirements	Description
Supported Browsers	Google Chrome 44.x or later
OpenStack Version	Any of the following: • Train • Ocata (V2 and V3) • Queens (Keystone 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
bootvm.py	The installation script is compatible with python 2.7.6 and Python 3.4