

Software Requirements

This section contains software requirements for the OnApp installation.

The requirements for *OnApp Control Panel*, *Static Compute resources* and *Static Backup Servers* based on **CentOS** are:

- Install CentOS from the minimal CentOS ISO for Control Panel servers, static backup servers and static compute resources.
- The minimum running services list on the box:

network	0:off	1:off	2:on	3:
on	4:on	5:on	6:off	
sshd	0:off	1:off	2:on	3:
on	4:on	5:on	6:off	

- The *network* on the box, should be configured with an ability to access [rpm.repo](http://rpm.repo.onapp.com), onapp.com and templates.repo.onapp.com
- The *open ssh server* should be configured with an ability for user(s) to access and log into the box.
- The **root** user should be available on the box and configured as *root account/ root user/ superuser* with an access to all files, commands/tools and services on system.
Installers should be run from under the **root**.
- The *curl*, *rpm*, *yum* and *grub* packages must be installed on the system. The *grub* is a mandatory boot loader for *Static Compute resources* only.
- Avoid using additional (not native) repositories for CentOS like "Extra Packages for Enterprise Linux" (*epel*) and others.

See also:

[Server Config Reminder - supported versions of the servers](#)

[Hardware Requirements](#)

[Recommended Network Configurations](#)

[Suggested Specifications for OnApp](#)

[Types of Cloud Service with OnApp](#)