

# 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](http://onapp.com) and [templates.repo.onapp.com](http://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

[Supported Functionality](#)

[Recommended Network Configurations](#)

[Suggested Specifications](#)

[Types of Cloud Service with OnApp](#)