Installation Modifications for ZCS with Ubuntu® LTS

The Zimbra Collaboration Server (ZCS) runs on multiple operating systems (OS), including Ubuntu® LTS. Installation and configuration modifications for this operating system are described in this document.

The ZCS installation tools check for software dependencies during the pre-installation checks. These dependencies are based on the default OS package choices. Using minimized, or just enough, OS (JeOS) or other package customizations may result in missing dependencies after installing ZCS.

Important: *For information about supported operating systems, including supported versions, refer to the System Requirements for Zimbra Collaboration Server.*

Important: *Zimbra recommends that the operating system you use is updated with the latest patches that have been tested with ZCS.*

Installation Modifications

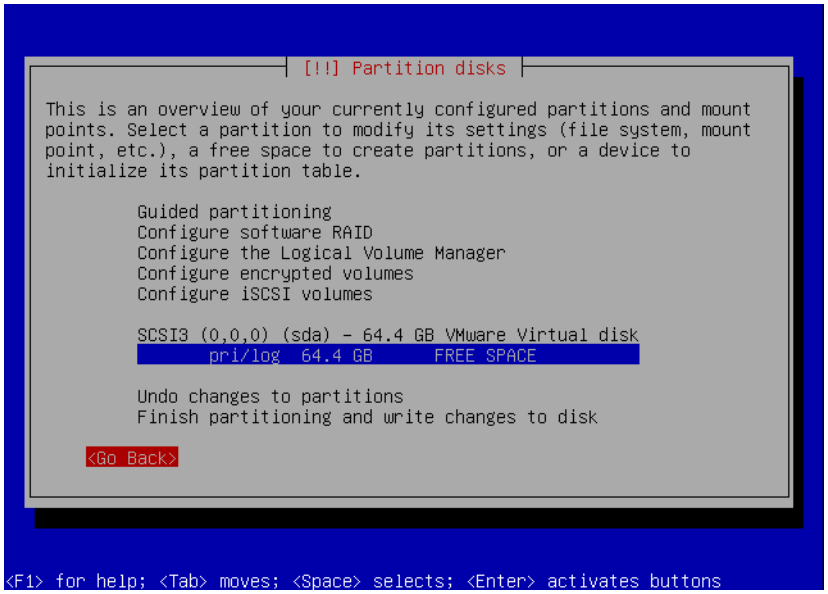
When you install the Ubuntu Server OS for ZCS, accept the default setup answers to install the minimum configuration, except for the following steps that must be modified.

Refer to the Ubuntu Linux installation guide for detailed documentation about installing their software. (https://help.ubuntu.com)

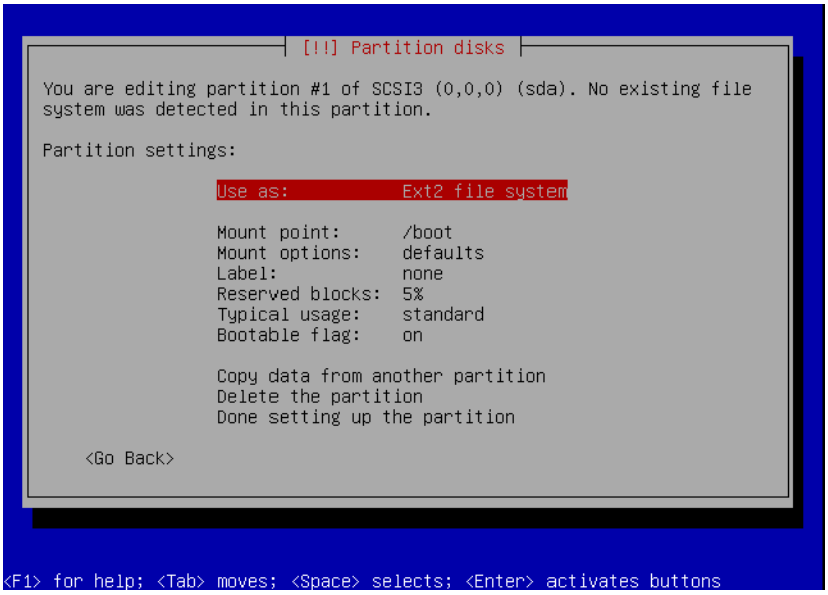
Network Configuration should be configured manually with the hostname [mailhost.example.com] of the Zimbra server. If your network has DHCP enabled, and it finishes configuring the system with DHCP, select **<Go Back>** to configure the networking for the system manually.

Disk Partitioning Setup

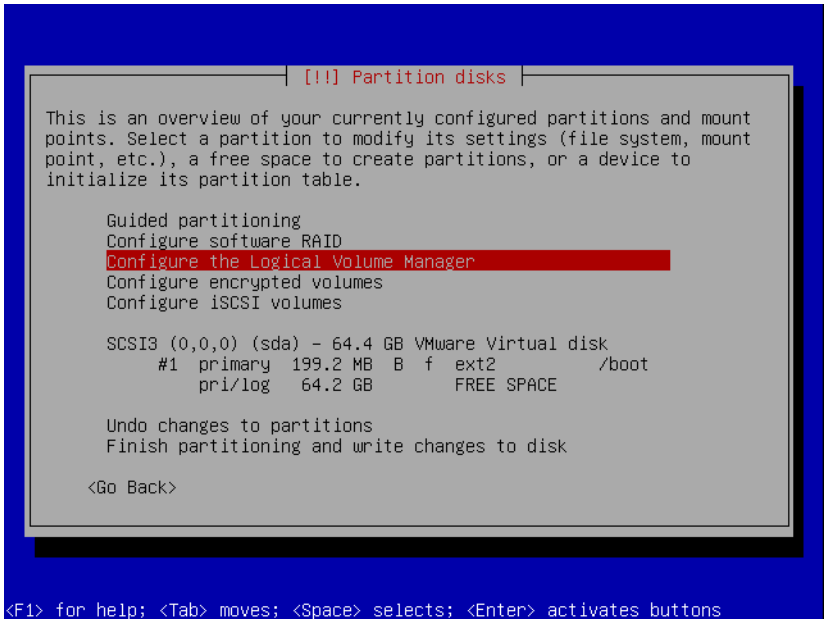
1. For disk partitioning setup, select **Manual** and the disk to partition
2. Enter **Yes** to create a new empty partition table
3. Select the **FREE SPACE** partition



4. Select **Create a new partition** and **200MB** for the size. This will be the /boot partition
5. Select **Primary** for the type of the new partition
6. Location for the partition is **Beginning**
7. Use as: **Should be Ext2 file system**
8. Mountpoint should be **/boot**
9. Bootable flag: should be **on**

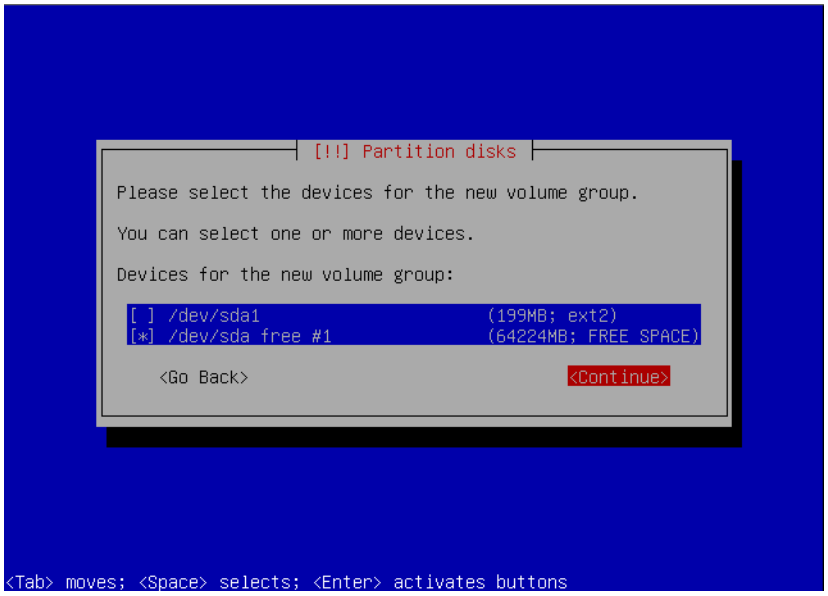


10. Select **Done setting up the partition**
11. Select **Configure the Logical Volume Manager**

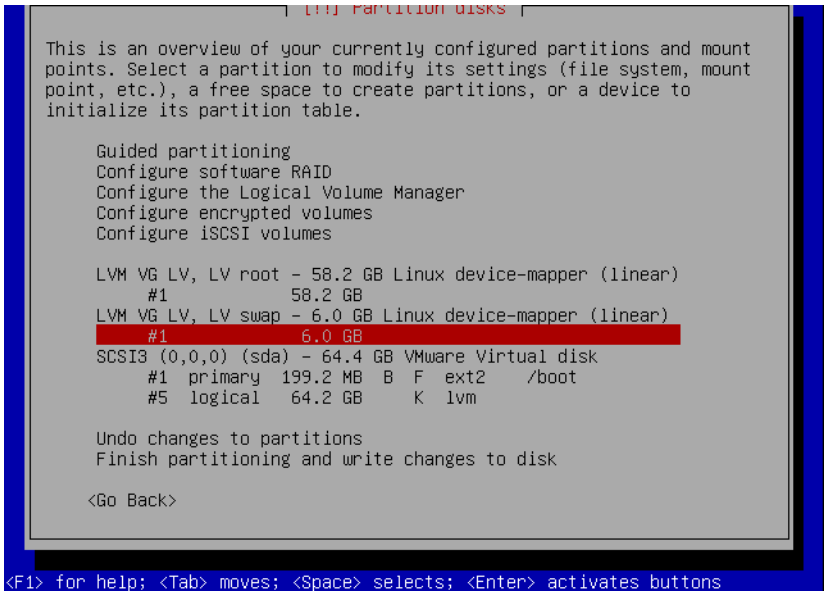


12. Select **Yes** to write the changes to disk and configure LVM
13. Select **Create volume group**

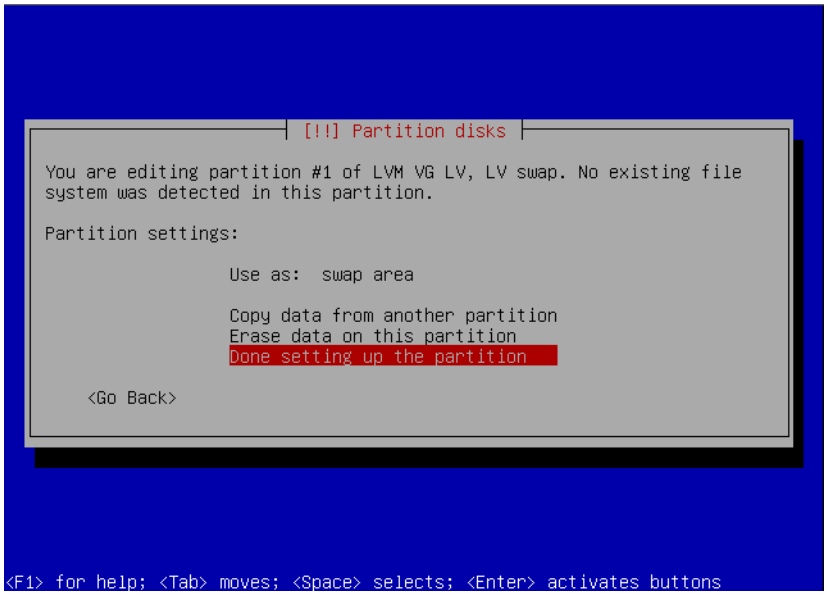
14. For Volume Group Name, enter **LV**
15. For the volume group space, select the **FREE SPACE** remaining on the disk



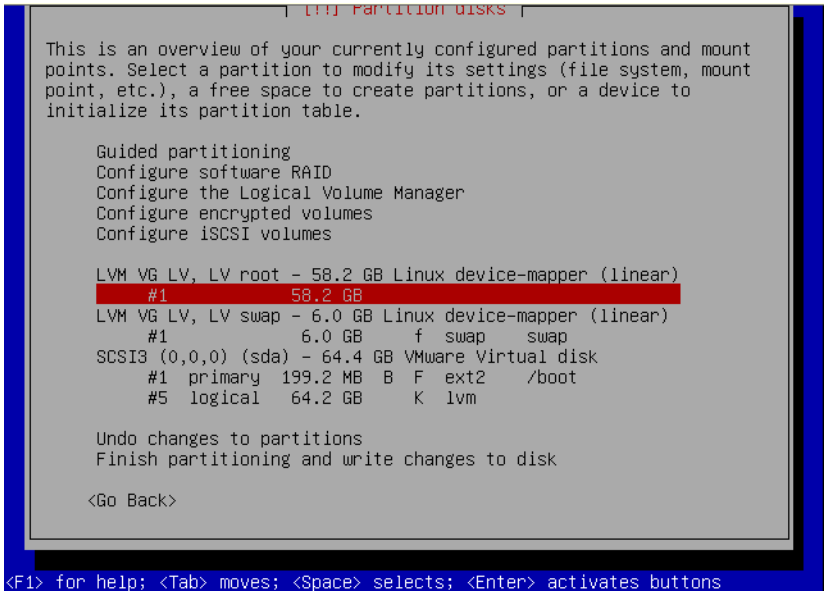
16. Select **Yes** to write the changes and configure LVM
17. Select **Create logical volume**
18. Use the logical volume group **LV**
19. For the logical volume name, enter **swap**
20. For the size, set it to be twice the size of the RAM on your machine
21. Select **Yes** to write the changes and configure LVM
22. Select **Create logical volume**
23. Use the logical volume group **LV**
24. For the logical volume name, enter **root**
25. For the size, allocate all remaining space
26. Select **Yes** to write the changes and configure LVM
27. Select **Finish**
28. Select **LV swap** device



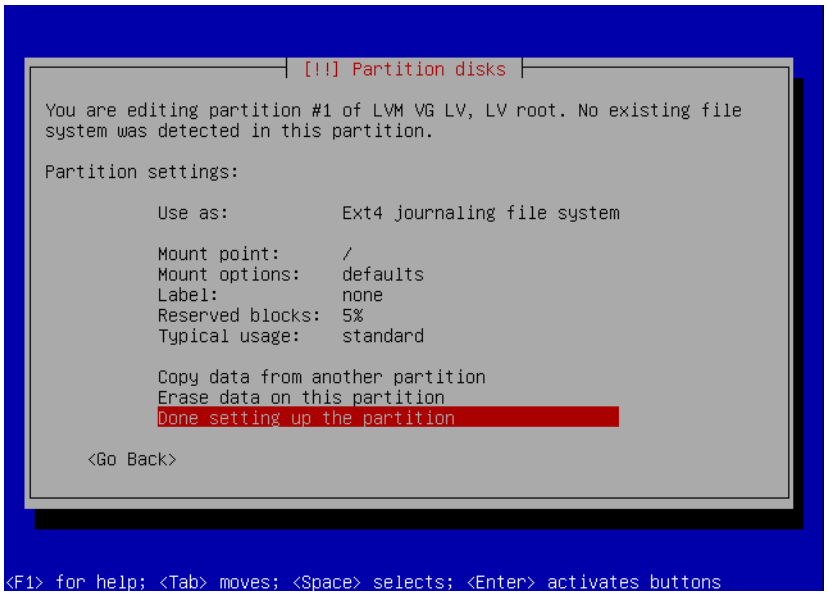
29. Change **Use as:** swap area



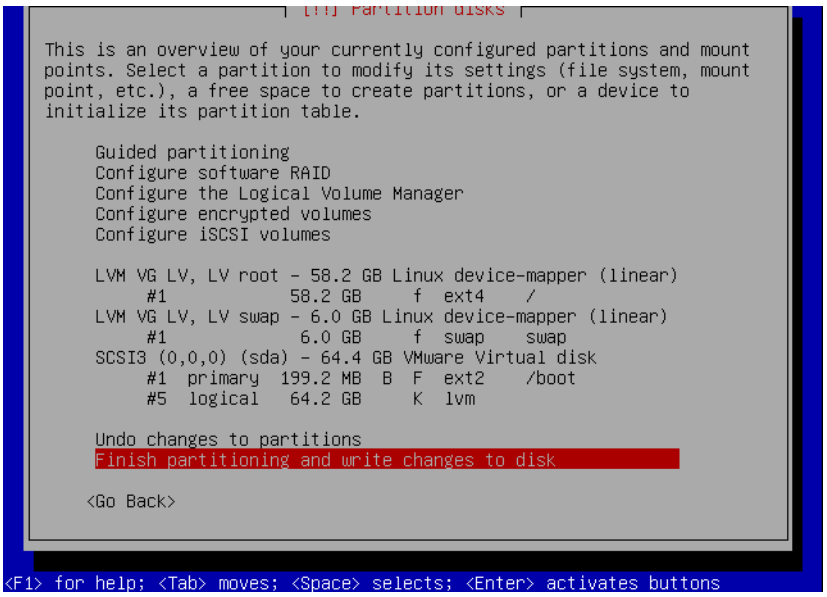
30. Select **Done setting up the partition**
31. Select **LV root** device



32. Change **Use as:** to Ext4 journaling file system
33. Change **Mount point:** to **/**



34. Select **Done setting up the partition**
35. Select **Finish partitioning and write changes to disk**



36. Select **<Yes>** to **Write the changes to disks**
37. Ubuntu Server OS installation now begins installing the base system
38. Under **Choose software to install: select OpenSSH Server**
39. After the installation is finished, you are prompted to reboot and finish configuring the system.

Important: *The following should also be considered before you install ZCS:*

- After installation, verify libperl5 is installed. If libperl5 is not installed, you must install manually so that ZCS can install successfully.
- When prompted to create an account name for non-administrative activities, the account name **should not** be **zimbra**. Doing so will conflict with the account created when installing the ZCS.
- A fully qualified domain name is required. Make sure that the FQDN entry in **/etc/hosts** appears before the hostnames. If this is missing, the creation of the Zimbra certificate will fail. The FQDN entry should look like the following:

```
127.0.0.1               localhost.localdomain localhost
your.ip.address         FQDN yourhostname
```

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