

Disabling SELinux	119
Disabling the Linux Firewall	119
Installing xfsprogs.....	

Recommended Apps and Add-ons for Data Collection212
Conclusion.....



Executive Summary

Traditional tools for managing and monitoring IT infrastructures are out of step with the constant change

Cisco 42 RU Rack

Master

Figure 11 Fabric Topology for Cisco UCS C3260 Rack Server

The SIOC card has two

Figure 16 Creating VLAN

5. Enter `vlan11_DATA1` for the VLAN Name.
6. Click the `Common/Global` radio button for `vlan11_DATA1`.
Enter 11 in the

List of VLANs

Setting Name and P(BT1 .73es)11(c)-3(r)11(g)-7ption(BTofNam)-SvnBTooNam

Creating Chassis Profiles for C3260 Rack Servers

A chassis profile is required for discovering the C3260 server nodes. To create a chassis profile the following steps

Add Slots to Policy

Figure 56 Associate Chassis Profile

3. Select Chassis Profile Chassis and click OK. (Figure 57)

Figure 57 Associate Chassis Profile

4. Once the chassis profile is associated, all 60 disks will be assigned to the server node.

58TJETBT1 0 0 1 50.309.77.92 46m0.21 5(TJETBT1 0 0 1 50.4 74539.024[()] TJET EMC /Ar /P/AttMCID 0BDC m0.27(Tf.961 0 0 1 94

Figure 63 Configuring vNIC eth0

Figure 71 Selecting BIOS and Power Control Policy

Creating a Service Profile Template for C3260

Figure 124 RHEL Installation: Select Installation Type

T

289

RHEL In] TJETBT1 0 0 1 138.414746.5R Tm[(Rs)-23tallation: RAID Configuration
28. Choose one of the boot partitions and click on Create (Figure 131).

Figure 131 RHEL Installation: RAID Configuration- Select Device

Choose RAID Device. (Figure 14o4()

31. In RAID members, choose all the boot partitions created above to c crsowarID 1 for boot
(

Post OS Install Configuration

Choose one of the admin nodes of the cluster for management such as installation,

10.29.160.109 idx7

For more information and documentation on ClusterShell, visit <https://github.com/cea-hpc/clusterhell/wiki/UserAndProgrammingGuide>.

When the IP address or different hostname i.e. idx1



Note: In-case there is a need to delete any partitions; it can be done so using the following: Run command



Note: To delete any of the partitions, run the `fdisk /L` command to identify which drive is mounted to which device.

Unmount the drive with the Cluster Verification partition to be deleted and run **fdisk** to delete it.

```
NC='\e[0m' # No Color
```

```
echo -e "${green} === Cisco UCS Integrated Infrastructure for Big Data \
```



```
echo ""  
echo -e "${green}Linux Release ${NC}"  
clush -a -B "cat /etc/*release | uniq"  
echo ""  
echo ""  
echo -e "${green}Linux Version ${NC}"  
clush -a -B "uname
```


This step installs Splunk Enterprise and creates a user1 0 0 1 6TBT01 0 0 1 185.06 58unk

Creating User Accounts

Splunk RPM packages automatically create the
(for example: /data/disk1/splunk). If an alternative user is created, ru5[(C>-6<004A004C>-4<00510044>4<004F>-[(C>-6<0r

Licensing Screen on an Indexer

Figure 158 Available Peers in the Master Node

4. Proceed to Setting Dedicated Replication Address.



Note: Once the indexers are added to the cluster, it is not advised to use the command `./splunkd --no-replication` on individual indexers. For further information, see:

Edit Serv

ÖT ÔÁ @ ~ |ãÁ [, Áã] |æ Á\^æ&@P^æ•+Á ã@ Á@ Á ç^!çã , È(3.47 0 1 380.11 71F59(i)9(ure 1i)9(91)4()16 Tm[(

Log in to

Figure 205 Distribute Configuration Bundle

Best Practices for Onboarding Data

The Universal Forwarder

Bill of Materials

Part Number	Description	Quantity
-------------	-------------	----------

4.

7. Click `Next` to add the servers.

Figure 218 Naming a Server Pool

Figure 219 Specifying Servers to be Added to the Server Pool

Figure 223 Selecting Destination Network

12. Confirm the settings, check `Power on after deployment`, and click `Finish`.

T

4. Browse to the location of the unzipped files in step 1.
5. Select the ovf file and click `Open`. Click `Next` to go to `OVF Template Details`.
- 6.

Configuring o26P(ng-1a(o2ad()dres)-6(s)-ng--7(9(or eth1 TJETBT1 0 0 1 132.483734.16 Tm[()] TJETBT1 C

Login Screen for UCSD Express for Big Da

Put software files in specific folders for UCSDE to find.

<

Figure 247 Configuring IP Pools

V

Field Name

278J o q .84 233.33 21.6 reW* n 4 1-1

Figure 254

Figure 256 Approvals

Splunk Distributed(bu)t Co(bu)q45ol1 5e.4 39.024 Tm[()] TJE7.81nk Di