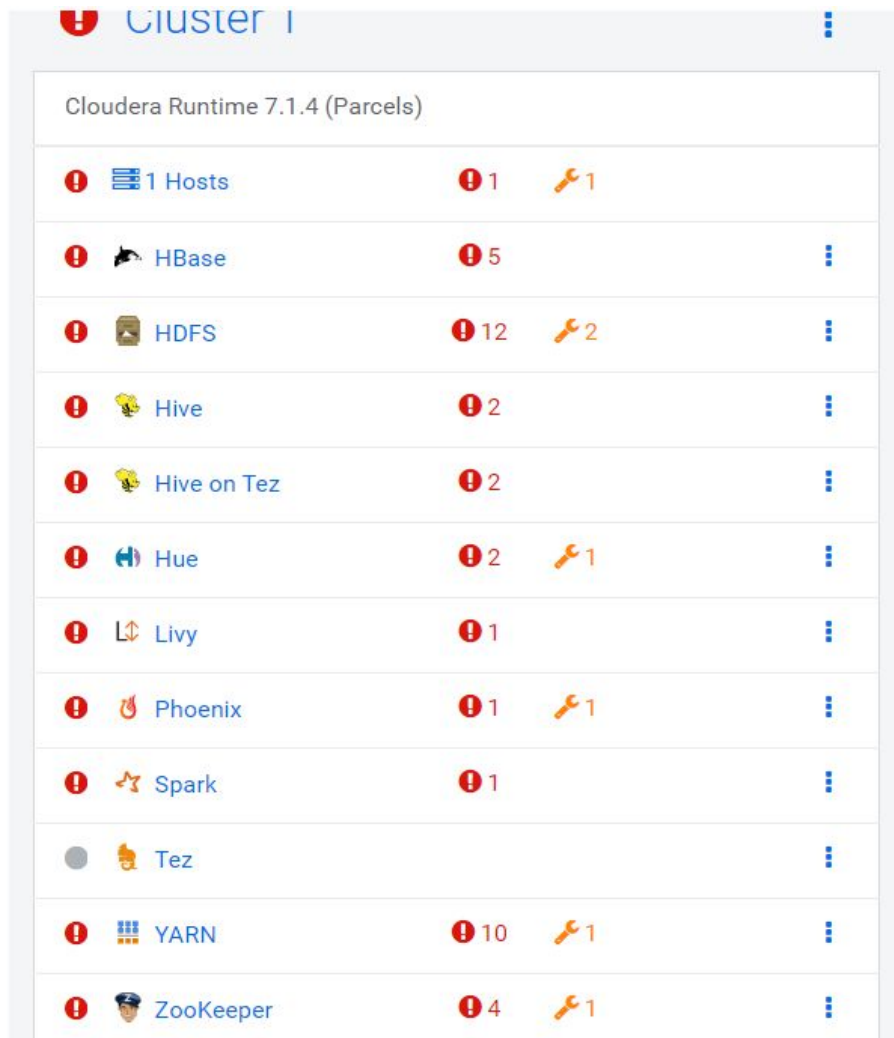


Troubleshooting Guide

In case your disk is low on space, the cloudera services(Hive,Livy,Hbase etc.) won't work properly as you can see below.

(Note: To access Cloudera Manager go to <public-domain-of-ec2>:7180)



The screenshot shows the Cloudera Manager interface for Cluster 1. The top bar indicates 'Cloudera Runtime 7.1.4 (Parcels)'. Below this, a list of services is displayed, each with an icon, a status indicator (red exclamation mark for error), a count of errors, and a link to view details (three dots). The services and their error counts are:

Service	Error Count	Warning Count
1 Hosts	1	1
HBase	5	0
HDFS	12	2
Hive	2	0
Hive on Tez	2	0
Hue	2	1
Livy	1	0
Phoenix	1	1
Spark	1	0
Tez	0	0
YARN	10	1
ZooKeeper	4	1

Follow the steps below and restart your cloudera manager.

How to clear the disk space from Linux EC2 if disk is full:

->Go to root user

-> Check disk space as shown below

```
[root@ip-172-31-20-235 ~]df -hT
```

```
Filesystem      Type      Size  Used Avail Use% Mounted on
/dev/xvda2      xfs       60G   47G   13G   79% /
devtmpfs        devtmpfs  7.8G    0   7.8G    0% /dev
tmpfs           tmpfs     7.8G   28K   7.8G    1% /dev/shm
tmpfs           tmpfs     7.8G   17M   7.8G    1% /run
tmpfs           tmpfs     7.8G    0   7.8G    0% /sys/fs/cgroup
cm_processes    tmpfs     7.8G   6.5M   7.8G    1% /run/cloudera-scm-agent/process
tmpfs           tmpfs     1.6G    0   1.6G    0% /run/user/1000
tmpfs           tmpfs     1.6G    0   1.6G    0% /run/user/0
[hdfs@ip-10-0-0-213 ~]$
```

If your Use% is greater than 90%, you will need to clear some space.

-> Check disk usage and investigate what is taking up the disk space

```
[root@ip-172-31-20-235 ~]# du -sch /* | grep G    (This will show your disk usage)
```

Sample Output on Terminal:

```
[root@ip-10-0-0-213 ~]# du -sch /* | grep G
```

```
3.5G  /dfs
```

```
7.1G  /home
```

```
37G  /opt
```

```
du: cannot access '/proc/21277/task/21277/fd/4': No such file or directory
```

```
du: cannot access '/proc/21277/task/21277/fdinfo/4': No such file or directory
```

```
du: cannot access '/proc/21277/fd/4': No such file or directory
```

```
du: cannot access '/proc/21277/fdinfo/4': No such file or directory
```

```
du: cannot access '/proc/21361': No such file or directory
```

```
du: cannot access '/proc/21366': No such file or directory
```

```
3.7G  /tmp
```

```
1.5G  /usr
```

```
4.1G  /var
```

```
1.7G  /yarn
```

```
59G  total
```

(Since /opt directory is taking 37G we will see the disk usage in that directory in particular)

```
[root@ip-10-0-0-213 ~]# du -sch /opt/* | grep G
```

```
19G  /opt/cloudera
```

```
17G  /opt/nifi-1.9.0.1.0.0.0-90
```

```
1.6G  /opt/nifi-1.9.0.1.0.0.0-90-bin.tar.gz
```

```
37G  total
```

-> Now we will start with the cleaning process

1. We need to delete the data from **.flood** directory which is available at the below location. Don't touch other parcels.

```
cd /opt/cloudera/parcels/.flood
```

```
ls
```

```
[root@ip-10-0-0-177 .flood]# rm -rf *
```

```
[root@ip-10-0-0-177 .flood]# cd
```

```
[root@ip-10-0-0-177 ~]# du -sch /* | grep G
```

```
1.4G  /dfs
```

```
21G   /opt
```

```
du: cannot access '/proc/4509/task/4509/fd/4': No such file or directory
```

```
du: cannot access '/proc/4509/task/4509/fdinfo/4': No such file or directory
```

du: cannot access '/proc/4509/fd/4': No such file or directory

du: cannot access '/proc/4509/fdinfo/4': No such file or directory

1.5G /usr

1.3G /var

26G total

2. We need to delete the nifi logs.

```
[root@ip-10-0-0-213 ~]# du -sch /opt/nifi-1.9.0.1.0.0.0-90/* | grep G
```

1.6G /opt/nifi-1.9.0.1.0.0.0-90/lib

14G /opt/nifi-1.9.0.1.0.0.0-90/logs

1.7G /opt/nifi-1.9.0.1.0.0.0-90/work

17G total

```
cd /opt/nifi-1.9.0.1.0.0.0-90/logs/
```

```
rm -rf *
```

```
cd
```

You can check the free disk space using the **df -hT** command.

Your cloudera services should be up and running after a restart.

Cluster 1			
Cloudera Runtime 7.1.4 (Parcels)			
✓	1 Hosts	🔧 1	
✓	HBase		
✓	HDFS	🔧 2	
✓	Hive		
✓	Hive on Tez		
✓	Hue	🔧 1	
✓	Livy		
✓	Phoenix	🔧 1	
✓	Spark		
⬜	Tez		
✓	YARN	🔧 1	
✓	ZooKeeper	🔧 1	