

RM:8088/tcp web page

RM:803*/tcp 内部用

NN:9870/tcp webpage

NN:8020/tcp HDFS入口

NN:9868/tcp NN内部使用

DN:9864/tcp webpage

DN:9866/tcp DN内部使用

NM:8042/tcp webpage

NM:8040/tcp 内部用

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COMMAND  PID  USER  FD  TYPE  DEVICE  SIZE/OFF  NODE  NAME
java      5978  hadoop 253u  IPv4  54344    0t0     TCP  *:9870 (LISTEN)
java      5978  hadoop 259u  IPv4  63141    0t0     TCP  192.168.35.85:8020->192.168.35.85:34890 (ESTABLISHED)
java      5978  hadoop 265u  IPv4  54352    0t0     TCP  192.168.35.85:8020 (LISTEN)
java      5978  hadoop 275u  IPv4  54744    0t0     TCP  192.168.35.85:8020->192.168.35.199:41918 (ESTABLISHED)
java      5978  hadoop 276u  IPv4  54773    0t0     TCP  192.168.35.85:8020->192.168.35.142:36844 (ESTABLISHED)
java      5978  hadoop 277u  IPv4  54775    0t0     TCP  192.168.35.85:8020->192.168.35.93:36876 (ESTABLISHED)
java      5978  hadoop 278u  IPv4  54813    0t0     TCP  192.168.35.85:8020->192.168.35.146:37876 (ESTABLISHED)
java      5978  hadoop 279u  IPv4  54820    0t0     TCP  192.168.35.85:8020->192.168.35.94:37152 (ESTABLISHED)
java      5978  hadoop 280u  IPv4  55081    0t0     TCP  192.168.35.85:8020->192.168.35.89:39476 (ESTABLISHED)
java      5978  hadoop 281u  IPv4  55083    0t0     TCP  192.168.35.85:8020->192.168.35.90:47926 (ESTABLISHED)
java      6273  hadoop 259u  IPv4  54808    0t0     TCP  *:9868 (LISTEN)
java      6273  hadoop 264u  IPv4  62110    0t0     TCP  192.168.35.85:34890->192.168.35.85:8020 (ESTABLISHED)

```



In operation

Node	Http Address	Last contact	Last Block Report	Capacity	Blocks	Block pool used	Version
✓ bdse142.example.org:9866 (192.168.35.142:9866)	http://bdse142.example.org:9864	2s	155m	482.29 GB	1	172 KB (0%)	3.2.0
✓ bdse146.example.org:9866 (192.168.35.146:9866)	http://bdse146.example.org:9864	0s	155m	482.29 GB	0	36 KB (0%)	3.2.0
✓ bdse199.example.org:9866 (192.168.35.199:9866)	http://bdse199.example.org:9864	0s	155m	482.29 GB	0	36 KB (0%)	3.2.0
✓ bdse89.example.org:9866 (192.168.35.89:9866)	http://bdse89.example.org:9864	1s	11m	482.29 GB	2	392 KB (0%)	3.2.0

→ 不安全 | bdse142.example.org:9864/datanode.html

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Hadoop Overview Utilities

DataNode on bdse142.example.org:9866

Cluster ID:	CID-861c50f1-4afa-4ca5-a5b6-573bb8324aa0
Version:	3.2.0, re97ack3bd8f0bedf27418995fa54b502e17bf

Block Pools

Namenode Address	Block Pool ID	Actor State	Last Heartbeat	Last Block Report	Last Block Report Size (Max Size)
bdse85.example.org:8020	BP-674460191-192.168.35.85-1558945568184	RUNNING	1s	3 hours	0 B (64 MB)

Volume Information

Directory	Storage Type	Capacity Used	Capacity Left	Capacity Reserved	Reserved Space for Replicas	Blocks
/home/hadoop/data/dfs/data	DISK	172 KB	453.22 GB	0 B	0 B	1


```
hadoop@bdse146:~$ lsof -nPi
COMMAND  PID  USER  FD  TYPE  DEVICE  SIZE/OFF  NODE NAME
java      4123  hadoop 257u  IPv4  47005      0t0  TCP *:9866 (LISTEN)
java      4123  hadoop 260u  IPv4  47008      0t0  TCP 127.0.0.1:33571 (LISTEN)
java      4123  hadoop 290u  IPv4  48232      0t0  TCP *:9864 (LISTEN)
java      4123  hadoop 291u  IPv4  47022      0t0  TCP *:9867 (LISTEN)
java      4123  hadoop 303u  IPv4  47025      0t0  TCP 192.168.35.146:37876->192.168.35.85:8020 (ESTABLISHED)
java      4469  hadoop 285u  IPv4  57512      0t0  TCP *:39941 (LISTEN)
java      4469  hadoop 296u  IPv4  57252      0t0  TCP *:8040 (LISTEN)
java      4469  hadoop 306u  IPv4  57256      0t0  TCP *:13562 (LISTEN)
java      4469  hadoop 307u  IPv4  57257      0t0  TCP *:8042 (LISTEN)
java      4469  hadoop 315u  IPv4  57260      0t0  TCP 192.168.35.146:38762->192.168.35.141:8031 (ESTABLISHED)
java      4911  hadoop 259u  IPv4  224082     0t0  TCP 192.168.35.146:19888->192.168.35.140:59351 (FIN_WAIT2)
java      4911  hadoop 263u  IPv4  66407      0t0  TCP *:10033 (LISTEN)
java      4911  hadoop 274u  IPv4  66413      0t0  TCP 192.168.35.146:19888 (LISTEN)
java      4911  hadoop 282u  IPv4  66416      0t0  TCP 192.168.35.146:10020 (LISTEN)
java      4911  hadoop 293u  IPv4  223797     0t0  TCP 192.168.35.146:19888->192.168.35.140:59350 (FIN_WAIT2)
```

Jobhistoryserver:19888/tcp webpage 記錄你下過那些指令

Jobhistoryserver:10020,10033/tcp 內部用

← → 不安全 | 192.168.35.146:19888/jobhistory/app

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JobHistory

Application

About Jobs

Tools

Retired Jobs

Show 20 entries

Submit Time	Start Time	Finish Time	Job ID	Name	User	Queue	Status
2019.05.27 19:25:10 CST	2019.05.27 19:26:58 CST	2019.05.27 19:27:13 CST	job_1558954281667_0016	QuasiMonteCarlo	hadoop	default	SUCCESS
2019.05.27 19:25:09 CST	2019.05.27 19:26:32 CST	2019.05.27 19:26:46 CST	job_1558954281667_0015	QuasiMonteCarlo	hadoop	default	SUCCESS
2019.05.27 19:25:07 CST	2019.05.27 19:26:08 CST	2019.05.27 19:26:22 CST	job_1558954281667_0014	QuasiMonteCarlo	hadoop	default	SUCCESS
2019.05.27 19:23:14	2019.05.27 19:25:42	2019.05.27 19:25:58	job_1558954281667_0013	QuasiMonteCarlo	hadoop	default	SUCCESS

Sparkstandalone:8080/tcp web ui

Spark:7077//tcp 對內端口

Zookeeper:2181/tcp 接受外部requests

Zookeeper:2888/tcp zookeeper 彼此溝通

Zookeeper:3888/tcp 選舉用

NN failovercontroller :8019/tcp 內部用

JournalNode 8480/tcp webUI

JournalNode 8485/tcp 內部用RPC(remote produce call)

Rstudio:8787/tcp webUI