

```
[root@localhost arthtask11.1]# ansible-playbook setup.yml
```

```
PLAY [namenode] *****
```

```
TASK [Gathering Facts] *****
```

```
ok: [192.168.43.185]
```

```
TASK [namenoderole : Copying hadoop and jdk softwares] *****
```

```
ok: [192.168.43.185] => (item=jdk-8u171-linux-x64.rpm)
```

```
ok: [192.168.43.185] => (item=hadoop-1.2.1-1.x86_64.rpm)
```

```
TASK [namenoderole : Checking whether Hadoop is installed or not] *****
```

```
changed: [192.168.43.185]
```

```
TASK [namenoderole : Checking whether Java is installed or not] *****
```

```
changed: [192.168.43.185]
```

```
TASK [namenoderole : debug] *****
```

```
ok: [192.168.43.185] => {
```

```
  "y": {
```

```
    "changed": true,
```

```
    "cmd": [
```

```
      "java",
```

```
      "-version"
```

```
    ],
```

```
    "delta": "0:00:00.067531",
```

```
    "end": "2021-03-19 03:37:19.203841",
```

```
    "failed": false,
```

```
    "failed": false,  
    "rc": 0,  
    "start": "2021-03-19 03:37:19.136310",  
    "stderr": "java version \"1.8.0_171\"\\nJava(TM) SE Runtime Environment (build 1.8.0_171-b11)\\nJava HotSpot(TM) 64-Bit Server VM (build 25.171-b11, mixed mode)",  
    "stderr_lines": [  
        "java version \"1.8.0_171\"\\n",  
        "Java(TM) SE Runtime Environment (build 1.8.0_171-b11)",  
        "Java HotSpot(TM) 64-Bit Server VM (build 25.171-b11, mixed mode)"  
    ],  
    "stdout": "",  
    "stdout_lines": []  
}  
}
```

TASK [namenoderole : Installing JDK] *****
skipping: [192.168.43.185]

TASK [namenoderole : Installing hadoop] *****
skipping: [192.168.43.185]

TASK [namenoderole : Creating directory for NN] *****
ok: [192.168.43.185]

TASK [namenoderole : Copying hdfs-site and core-site] *****
ok: [192.168.43.185] => (item=hdfs-site.xml)
ok: [192.168.43.185] => (item=core-site.xml)

TASK [namenoderole : Formatting Namenode] *****

```
TASK [namenoderole : Formatting Namenode] *****
changed: [192.168.43.185]
```

```
TASK [namenoderole : Printing format status] *****
```

```
ok: [192.168.43.185] => {
  "format.stderr_lines": [
    "21/03/19 03:37:23 INFO namenode.NameNode: STARTUP_MSG: ",
    "/*****",
    "STARTUP_MSG: Starting NameNode",
    "STARTUP_MSG:  host = node1.lw.example.com/192.168.43.185",
    "STARTUP_MSG:  args = [-format]",
    "STARTUP_MSG:  version = 1.2.1",
    "STARTUP_MSG:  build = https://svn.apache.org/repos/asf/hadoop/common/branches/branch-1.2 -r 150
3152; compiled by 'mattf' on Mon Jul 22 15:27:42 PDT 2013",
    "STARTUP_MSG:  java = 1.8.0_171",
    "*****/",
    "Re-format filesystem in /nn ? (Y or N) 21/03/19 03:37:23 INFO util.GSet: Computing capacity for
map BlocksMap",
    "21/03/19 03:37:23 INFO util.GSet: VM type          = 64-bit",
    "21/03/19 03:37:23 INFO util.GSet: 2.0% max memory = 119537664",
    "21/03/19 03:37:23 INFO util.GSet: capacity          = 2^18 = 262144 entries",
    "21/03/19 03:37:23 INFO util.GSet: recommended=262144, actual=262144",
    "21/03/19 03:37:24 INFO namenode.FSNamesystem: fsOwner=root",
    "21/03/19 03:37:24 INFO namenode.FSNamesystem: supergroup=supergroup",
    "21/03/19 03:37:24 INFO namenode.FSNamesystem: isPermissionEnabled=true",
    "21/03/19 03:37:24 INFO namenode.FSNamesystem: dfs.block.invalidate.limit=100",
    "21/03/19 03:37:24 INFO namenode.FSNamesystem: isAccessTokenEnabled=false accessKeyUpdateInterval
=0 min(s), accessTokenLifetime=0 min(s)",
    "21/03/19 03:37:24 INFO namenode.FSEditLog: dfs.namenode.edits.toleration.length = 0",
```

```
TASK [namenoderole : starting namenode service] *****
changed: [192.168.43.185]

TASK [namenoderole : success code] *****
changed: [192.168.43.185]

TASK [namenoderole : debug] *****
ok: [192.168.43.185] => {
  "success.stdout_lines": [
    "11114 NameNode",
    "11245 Jps"
  ]
}

PLAY [datanodes] *****

TASK [Gathering Facts] *****
ok: [192.168.43.93]

TASK [datanoderole : Copying hadoop and jdk softwares] *****
ok: [192.168.43.93] => (item=jdk-8u171-linux-x64.rpm)
ok: [192.168.43.93] => (item=hadoop-1.2.1-1.x86_64.rpm)

TASK [datanoderole : Checking whether Hadoop is installed or not] *****
fatal: [192.168.43.93]: FAILED! => {"changed": true, "cmd": ["rpm", "-q", "hadoop"], "delta": "0:00:00.008823", "end": "2021-03-19 03:37:35.882855", "msg": "non-zero return code", "rc": 1, "start": "2021-03-19 03:37:35.874032", "stderr": "", "stderr_lines": [], "stdout": "package hadoop is not installed", "stdout_lines": []}
```

```
TASK [datanoderole : Installing JDK] *****
skipping: [192.168.43.93]

TASK [datanoderole : Installing  hadoop] *****
changed: [192.168.43.93]

TASK [datanoderole : Creating directory for DN] *****
ok: [192.168.43.93]

TASK [datanoderole : Copying hdfs-site and core-site] *****
changed: [192.168.43.93] => (item=hdfs-site.xml)
changed: [192.168.43.93] => (item=core-site.xml)

TASK [datanoderole : starting datanode service] *****
changed: [192.168.43.93]

PLAY [clientnode] *****

TASK [Gathering Facts] *****
ok: [192.168.43.5]

TASK [cliethnoderole : Copying sotwares in the clientnode] *****
changed: [192.168.43.5] => (item=jdk-8u171-linux-x64.rpm)
changed: [192.168.43.5] => (item=hadoop-1.2.1-1.x86_64.rpm)
```

```
TASK [clietnoderole : debug] *****
ok: [192.168.43.5] => {
  "y": {
    "changed": false,
    "cmd": "java -version",
    "failed": true,
    "msg": "[Errno 2] No such file or directory: b'java': b'java'",
    "rc": 2
  }
}
```

```
TASK [clietnoderole : Installing JDK] *****
changed: [192.168.43.5]
```

```
TASK [clietnoderole : Installing  hadoop] *****
changed: [192.168.43.5]
```