

1: Make sure OS is 64 bit.

```
root@APSIT-ELK-Training:/usr/share# uname -a
Linux APSIT-ELK-Training 4.4.0-127-generic #153-Ubuntu SMP Sat May 19
10:58:46 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux
```

2: Make sure ubuntu version is greater than 16.04.4 or equal.

```
root@APSIT-ELK-Training:/usr/share# lsb_release -a
No LSB modules are available.
Distributor ID: Ubuntu
Description: Ubuntu 16.04.4 LTS
Release: 16.04
Codename: xenial
```

3: Make sure that you have download Kibana, Elasticsearch, logstash ,
Metricbeat, Filebeat and Heartbeat debian 64 bit linux packages are available
for all machines.

<https://www.elastic.co/downloads/elasticsearch>

4: Make sure that Java , JDK is installed has version 8 as mentioned.

```
root@APSIT-ELK-Training:/usr/share# java -version
openjdk version "1.8.0_171"
OpenJDK Runtime Environment (build 1.8.0_171-8u171-b11-0ubuntu0.16.04.1-b11)
OpenJDK 64-Bit Server VM (build 25.171-b11, mixed mode)
root@APSIT-ELK-Training:/usr/share# packet_write_wait: Connection to
206.189.155.26 port 22: Broken pipe
Ajits-Air:~ ajitgadge$ echo $JAVA_HOME
```

Set the correct Java Home path.

http://sbndev.astro.umd.edu/wiki/Finding_and_Setting_JAVA_HOME

5: Make sure that port 9200, 5601, 5044 is open.

```
netstat -tulpn
```

6: Make sure that local firewall is inactive.

```
root@APSIT-ELK-Training:~# ufw status  
Status: inactive
```

7: Make sure that user has sudo / root access.

8: Suggestion to use chrome browser for kibana access.

9: Make sure that your repo get updated.

```
sudo apt-get update
```

10: Install vi/vim editor or may be gedit.

```
apt-get install vim
```