1. 创建组和用户

[root@bogon /]# groupadd elsearch

[root@bogon /]# useradd -g elsearch elsearch

##[root@bogon /]# passwd elsearch

1. 创建文件夹

[root@bogon local]# mkdir elasticsearch

1. 下载elasticsearch

wget <https://artifacts.elastic.co/downloads/elasticsearch/elasticsearch-6.2.4.tar.gz>

1. 授权文件夹

[root@bogon elasticsearch]# chown -R elsearch:elsearch ./

1. 解压文件

[root@bogon elasticsearch]# tar -zxvf elasticsearch-6.2.4.tar.gz

1. 开启elasticsearch

[root@bogon elasticsearch]# cd elasticsearch-6.2.4/

[root@bogon elasticsearch-6.2.4]# su elsearch

[elsearch@bogon elasticsearch-6.2.4]$ bin/elasticsearch

1. 错误解决

切换用户

[elsearch@bogon elasticsearch-6.2.4]$ su root

Password:

chown -R elsearch:elsearch /usr/local/elasticsearch/elasticsearch-6.2.4

1. 创建data和log数据路径

[elsearch@bogon elasticsearch-6.2.4]$ su root

Password:

[root@bogon elasticsearch-6.2.4]# cd /var/lib

[root@bogon lib]# mkdir elasticsearch

[root@bogon lib]# cd ../

[root@bogon var]# cd log/

[root@bogon log]# mkdir elasticsearch

授权

[root@bogon log]# chown -R elsearch:elsearch /var/lib/elasticsearch/

[root@bogon log]# chown -R elsearch:elsearch /var/log/elasticsearch/

1. 修改yml配置文件中data和log路径

path.data: /var/lib/elasticsearch

path.logs: /var/log/elasticsearch

1. 验证

curl <http://localhost:9200/>

1. 问题

问题一：max file descriptors [4096] for elasticsearch process likely too low, increase to at least [65536]

解决：修改切换到root用户修改配置limits.conf 添加下面两行

命令:vi /etc/security/limits.conf

\* hard nofile 65536

\* soft nofile 65536

\* soft nproc 4096

\* hard nproc 4096

问题二：max number of threads [1024] for user [lish] likely too low, increase to at least [2048]

解决：切换到root用户，进入limits.d目录下修改配置文件。

vi /etc/security/limits.d/20-nproc.conf

修改如下内容：

\* soft nproc 1024

#修改为

\* soft nproc 4096

**\* hard nproc 4096**

问题三：max virtual memory areas vm.max\_map\_count [65530] likely too low, increase to at least [262144]

解决：切换到root用户修改配置sysctl.conf

vi /etc/sysctl.conf

添加下面配置：

vm.max\_map\_count=655360

并执行命令：

sysctl -p

切换到es的用户。

然后，重新启动elasticsearch，即可启动成功。