

ElasticSearch 6.4.3 那些事 (本文)

<https://www.jianshu.com/p/ef2df36e65bb>

ElasticSearch6.2.3+head插件安装的方法步骤 (head配置文件等)

<https://m.jb51.net/article/156241.htm>

官网下载

<https://www.elastic.co/guide/en/elasticsearch/reference/7.2/rpm.html#rpm-repo>

Elasticsearch 7.2集群安装重要节点记录

<https://blog.51cto.com/860143/2422797?source=dra>

1 安装

https://blog.csdn.net/weixin_41229818/article/details/80670788

安装后，配置插件，需要先对插件进行一些相关配置

- 修改elasticsearch.yml，增加跨域的配置(需要重启es才能生效)：

- > vim /etc/elasticsearch/elasticsearch.yml

- 加入配置

```
1 http.cors.enabled: true
2 http.cors.allow-origin: "*"

```

2 安装成功

cd elasticsearch-6.4.3

后台运行：

nohup ./bin/elasticsearch 或者 ./elasticsearch -d

```
[2018-11-14T11:02:22,382][INFO ][o.e.p.PluginsService ] [V1P_Fqk] loaded module [x-pack-monitoring]
[2018-11-14T11:02:22,382][INFO ][o.e.p.PluginsService ] [V1P_Fqk] loaded module [x-pack-rollback]
[2018-11-14T11:02:22,382][INFO ][o.e.p.PluginsService ] [V1P_Fqk] loaded module [x-pack-security]
[2018-11-14T11:02:22,382][INFO ][o.e.p.PluginsService ] [V1P_Fqk] loaded module [x-pack-sql]
[2018-11-14T11:02:22,382][INFO ][o.e.p.PluginsService ] [V1P_Fqk] loaded module [x-pack-upgrade]
[2018-11-14T11:02:22,382][INFO ][o.e.p.PluginsService ] [V1P_Fqk] loaded module [x-pack-watcher]
[2018-11-14T11:02:22,382][INFO ][o.e.p.PluginsService ] [V1P_Fqk] no plugins loaded
[2018-11-14T11:02:34,682][INFO ][o.e.x.s.a.s.FileRolesStore] [V1P_Fqk] parsed [0] roles from file [/usr/local/elasticsearch-6.4.3/config/roles.yml]
[2018-11-14T11:02:36,716][INFO ][o.e.x.m.j.p.l.CppLogMessageHandler] [controller/80000] [Main.cc@109] controller (64 bit): V
ersion 6.4.3 (Build 7a0781676dd492) Copyright (c) 2018 Elasticsearch BV
[2018-11-14T11:02:38,142][DEBUG][o.e.a.ActionModule ] Using REST wrapper from plugin org.elasticsearch.xpack.security.
Security
[2018-11-14T11:02:39,849][INFO ][o.e.d.DiscoveryModule ] [V1P_Fqk] using discovery type [zen]
[2018-11-14T11:02:42,733][INFO ][o.e.n.Node ] [V1P_Fqk] initialized
[2018-11-14T11:02:42,734][INFO ][o.e.n.Node ] [V1P_Fqk] starting ...
[2018-11-14T11:02:43,986][INFO ][o.e.t.TransportService] [V1P_Fqk] publish_address {192.168.83.128:9300}, bound_addresses
{192.168.83.128:9300}
[2018-11-14T11:02:44,124][INFO ][o.e.b.BootstrapChecks ] [V1P_Fqk] bound or publishing to a non-loopback address, enforci
ng bootstrap checks
[2018-11-14T11:02:47,589][INFO ][o.e.c.s.MasterService ] [V1P_Fqk] zen-disco-elected-as-master ([0] nodes joined)[, ], re
ason: new_master {V1P_Fqk}{V1P_FqkwSlmogpOJeJ4jMA}{jRfluuQESHmUcxD92UJ3ng}{192.168.83.128}{192.168.83.128:9300}{ml.machine_m
emory=1021931520, xpack.installed=true, ml.max_open_jobs=20, ml.enabled=true}
[2018-11-14T11:02:47,596][INFO ][o.e.c.s.ClusterApplierService] [V1P_Fqk] new_master {V1P_Fqk}{V1P_FqkwSlmogpOJeJ4jMA}{jRflu
uQESHmUcxD92UJ3ng}{192.168.83.128}{192.168.83.128:9300}{ml.machine_memory=1021931520, xpack.installed=true, ml.max_open_jobs=20, ml.enabl
ed=true} committed version [1] source [zen-disco-elected-as-master ([0] nodes joined)[, ]]]
[2018-11-14T11:02:47,863][INFO ][o.e.x.s.t.n.SecurityNetty4HttpServerTransport] [V1P_Fqk] publish_address {192.168.83.128:92
00}, bound_addresses {192.168.83.128:9200}
[2018-11-14T11:02:47,864][INFO ][o.e.n.Node ] [V1P_Fqk] started
[2018-11-14T11:02:48,393][WARN ][o.e.x.s.a.s.m.NativeRoleMappingStore] [V1P_Fqk] Failed to clear cache for realms [[]]
[2018-11-14T11:02:48,584][INFO ][o.e.l.LicenseService ] [V1P_Fqk] license [deed3643-893e-4bbf-8950-ec3c867e19dc] mode [b
asic] - valid
[2018-11-14T11:02:48,624][INFO ][o.e.g.GatewayService ] [V1P_Fqk] recovered [0] indices into cluster_state

```

```
← → C 192.168.83.128:9200
{
  "name" : "VIP_Fqk",
  "cluster_name" : "elasticsearch",
  "cluster_uuid" : "H52zYl0TSfKZek0IVHjvaw",
  "version" : {
    "number" : "6.4.3",
    "build_flavor" : "default",
    "build_type" : "tar",
    "build_hash" : "fe40336",
    "build_date" : "2018-10-30T23:17:19.084789Z",
    "build_snapshot" : false,
    "lucene_version" : "7.4.0",
    "minimum_wire_compatibility_version" : "5.6.0",
    "minimum_index_compatibility_version" : "5.0.0"
  },
  "tagline" : "You Know, for Search"
}
```

3 出现问题

由于es的安全策略，不允许从root启动，这里我们需要创建一个用户

https://blog.csdn.net/weixin_41229818/article/details/80670788

ElasticSearch Root身份运行

<https://blog.csdn.net/u010317005/article/details/52205825>

ElasticSearch启动报错，bootstrap checks failed

<https://www.cnblogs.com/yehui/p/9087845.html>

a 网络

<https://blog.csdn.net/u010466329/article/details/78594777>

<https://www.cnblogs.com/toulanboy/p/8745819.html>

还有注意关闭防火墙

b ERROR: bootstrap checks faile 系列问题

https://blog.csdn.net/qq_33363618/article/details/78882827

<https://blog.csdn.net/cardinalzbk/article/details/54924511>

<http://blog.51cto.com/ityunwei2017/2071014>

<https://blog.csdn.net/jesonjoke/article/details/79718372>

c ElasticSearch安装报错整理-threads[4096]

<https://blog.csdn.net/clj198606061111/article/details/81139754>

d org.elasticsearch.bootstrap.StartupException: java.lang.IllegalStateException:
failed to obtain node

<https://blog.csdn.net/qq1137623160/article/details/78301060>

e elasticsearch-6.2.2安装错误解决方案

<https://blog.csdn.net/u010781176/article/details/79489151>

f elasticsearch-head-master解压后的内容不能放在elasticsearch的plugins目录下

所以我们删除到plugins目录下的head

<https://www.jianshu.com/p/3fe81380682c>

4 插件

1 ES学习之路-安装elasticsearch-head插件

<https://blog.csdn.net/mjlfto/article/details/79772848>

<https://www.cnblogs.com/xuwenjin/p/8792919.html>

<https://blog.csdn.net/s740556472/article/details/78995843>

https://blog.csdn.net/qq_36330643/article/details/71600343

npm install报错 : npm ERR! phantomjs-prebuilt@2.1.16 install: `node install.js`

执行 *npm install phantomjs-prebuilt@2.1.16 --ignore-scripts* 忽略

- 安装完head (npm install 完)
 1. 修改服务器监听地址 , **Gruntfile.js** 追加 options:{hostname:'*',}
 2. 修改head连接es的地址 (修改localhost为es的ip地址) , **_site/app.js**中查看9200后修改**localhost**为ip

2 安装插件 cerebro (head , kopf插件 新版本已不支持)

<https://github.com/lmenezes/cerebro>

<https://blog.csdn.net/fgf00/article/details/79571940>

<http://blog.51cto.com/linyinyong/2084284>

<http://www.cnblogs.com/zhanglianghhh/archive/2018/09/08/9608310.html>

lmenezes/cerebro

Important:

Kopf is no longer maintained. A replacement(cerebro) has been developed and is currently maintained at <https://github.com/lmenezes/cerebro>. At this point, cerebro should be pretty much feature equivalent of kopf, with a few new features on top.

.. .

所以不是kopf而是cerebro

注意：

安装插件 cerebro 看下面这篇文章，其他的没目录下面没有 bin目录

https://blog.csdn.net/sinat_21302587/article/details/76834560

#修改配置文件,只需要修改host添加当前其中一台elasticsearch地址，然后名字即可

`vim ./conf/application.conf`

启动cerebro

`./bin/cerebro &`

或者 `nohup ./bin/cerebro -Dhttp.port=1234 -Dhttp.address=192.168.10.64 &`

或者 `./bin/cerebro -Dhttp.port=9205 -Dhttp.address=10.100.0.104`

5 升级方案踩坑记

a ElasticSearch大版本升级踩坑记

<https://www.jianshu.com/p/dc6b4e84a673>