

Centos 7 밑에 엘라스틱서치 설치

<https://classicismist.blogspot.com/2020/01/centos7-elk-stack-filebeat-logstash.html>

위의 링크 방법대로 설치하면 됩니다.

```
sh-4.2# rpm --import https://artifacts.elastic.co/GPG-KEY-elasticsearch
sh-4.2# vi /etc/yum.repos.d/elasticsearch.repo
sh-4.2# yum install --enablerepo=elasticsearch elasticsearch
Loaded plugins: fastestmirror, ovl, product-id, search-disabled-repos, subscription-manager

This system is not registered with an entitlement server. You can use subscription-manager to register.

Loading mirror speeds from cached hostfile
 * base: mirror.kakao.com
 * extras: mirror.kakao.com
 * updates: mirror.kakao.com
elasticsearch                               | 1.3 kB  00:00:00
elasticsearch/primary                       | 387 kB  00:00:00
elasticsearch                               1208/1208
Resolving Dependencies
--> Running transaction check
--> Package elasticsearch.x86_64 0:7.16.3-1 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package                                Arch              Version           Repository        Size
=====
Installing:
elasticsearch                          x86_64            7.16.3-1          elasticsearch     297 M
=====
Transaction Summary
=====
Install 1 Package

Total download size: 297 M
Installed size: 493 M
Is this ok [y/d/N]: y
Downloading packages:
elasticsearch-7.16.3-x86_64.rpm          | 297 MB  00:01:09
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Creating elasticsearch group... OK
Creating elasticsearch user... OK
Installing : elasticsearch-7.16.3-1.x86_64 1/1
### NOT starting on installation, please execute the following statements to configure elasticsearch service to start
automatically using systemd
sudo systemctl daemon-reload
sudo systemctl enable elasticsearch.service
### You can start elasticsearch service by executing
sudo systemctl start elasticsearch.service
Created elasticsearch keystore in /etc/elasticsearch/elasticsearch.keystore
Verifying : elasticsearch-7.16.3-1.x86_64 1/1

Installed:
elasticsearch.x86_64 0:7.16.3-1

Complete!
sh-4.2# vi /etc/elasticsearch/elasticsearch.yml
```

단, 위 링크와 다른 점이 딱 하나 있는데,

```
# ----- Network -----
#
# By default Elasticsearch is only accessible on localhost. Set a different
# address here to expose this node on the network:
#
network.host: 127.0.0.1
#
# By default Elasticsearch listens for HTTP traffic on the first free port it
# finds starting at 9200. Set a specific HTTP port here:
#
http.port: 9200
```

network.host: 127.0.0.1 로 바꾸어도 들어갈 수 있다.

network.host: localhost 도 가능하다.

```
sh-4.2# systemctl restart elasticsearch
Job for elasticsearch.service failed because the control process exited with error code. See "systemctl status elasticsearch.service" and "journalctl -xe" for details.
sh-4.2# curl http://127.0.0.1:9200
curl: (7) Failed connect to 127.0.0.1:9200; Connection refused
sh-4.2# systemctl status elasticsearch.service
● elasticsearch.service - Elasticsearch
   Loaded: loaded (/usr/lib/systemd/system/elasticsearch.service; disabled; vendor preset: disabled)
   Active: failed (Result: exit-code) since Sat 2022-01-22 01:13:25 UTC; 48s ago
     Docs: https://www.elastic.co
   Process: 356 ExecStart=/usr/share/elasticsearch/bin/systemd-entrypoint -p ${PID_DIR}/elasticsearch.pid --quiet (code=exited, status=78)
   Main PID: 356 (code=exited, status=78)

Jan 22 01:12:50 4d811a357205 systemd[1]: Starting Elasticsearch...
Jan 22 01:13:25 4d811a357205 systemd-entrypoint[356]: ERROR: [1] bootstrap checks failed. You must address the...rch.
Jan 22 01:13:25 4d811a357205 systemd-entrypoint[356]: bootstrap check failure [1] of [1]: the default discover...ured
Jan 22 01:13:25 4d811a357205 systemd-entrypoint[356]: ERROR: Elasticsearch did not exit normally - check the l...log
Jan 22 01:13:25 4d811a357205 systemd[1]: elasticsearch.service: main process exited, code=exited, status=78/n/a
Jan 22 01:13:25 4d811a357205 systemd[1]: Failed to start Elasticsearch.
Jan 22 01:13:25 4d811a357205 systemd[1]: Unit elasticsearch.service entered failed state.
Jan 22 01:13:25 4d811a357205 systemd[1]: elasticsearch.service failed.
Hint: Some lines were ellipsized, use -l to show in full.
sh-4.2# systemctl restart elasticsearch
Job for elasticsearch.service failed because the control process exited with error code. See "systemctl status elasticsearch.service" and "journalctl -xe" for details.
sh-4.2# vi /etc/elasticsearch/elasticsearch.yml
sh-4.2# systemctl restart elasticsearch
sh-4.2# curl http://127.0.0.1:9200
{
  "name" : "4d811a357205",
  "cluster_name" : "elasticsearch",
  "cluster_uuid" : "m_kNIWODSDe6GyHlfdxsw",
  "version" : {
    "number" : "7.16.3",
    "build_flavor" : "default",
    "build_type" : "rpm",
    "build_hash" : "4e6e4eab2297e949ec994e688dad46290d018022",
    "build_date" : "2022-01-06T23:43:02.825887787Z",
    "build_snapshot" : false,
    "lucene_version" : "8.10.1",
    "minimum_wire_compatibility_version" : "6.8.0",
    "minimum_index_compatibility_version" : "6.0.0-beta1"
  },
  "tagline" : "You Know, for Search"
}
sh-4.2# systemctl status elasticsearch.service
● elasticsearch.service - Elasticsearch
   Loaded: loaded (/usr/lib/systemd/system/elasticsearch.service; disabled; vendor preset: disabled)
   Active: active (running) since Sat 2022-01-22 01:17:29 UTC; 3min 32s ago
     Docs: https://www.elastic.co
   Main PID: 838 (java)
   CGroup: /docker/4d811a3572054868b7a207d873827de2a06684c92862f0c1a80e39581a1089ed/system.slice/elasticsearch.servic

└─838 /usr/share/elasticsearch/jdk/bin/java -Xshare:auto -Des.networkaddress.cache.ttl=60 -Des.network...
    └─4041 /usr/share/elasticsearch/modules/x-pack-ml/platform/linux-x86_64/bin/controller
        └─838 /usr/share/elasticsearch/jdk/bin/java -Xshare:auto -Des.networkaddress.cache.ttl=60 -Des.networka...

Jan 22 01:17:09 4d811a357205 systemd[1]: Starting Elasticsearch...
Jan 22 01:17:29 4d811a357205 systemd[1]: Started Elasticsearch.
```