Window에 elasticsearch와 Kibana 설치하기

1. www.elastic.co/kr/downloads/elasticsearch 에서

누르고 다운

2. https://www.elastic.co/kr/downloads/kibana 에서

누르고 다운

3.압축풀기를 무조건 “C드라이브” 혹은 “D드라이브”에 하기

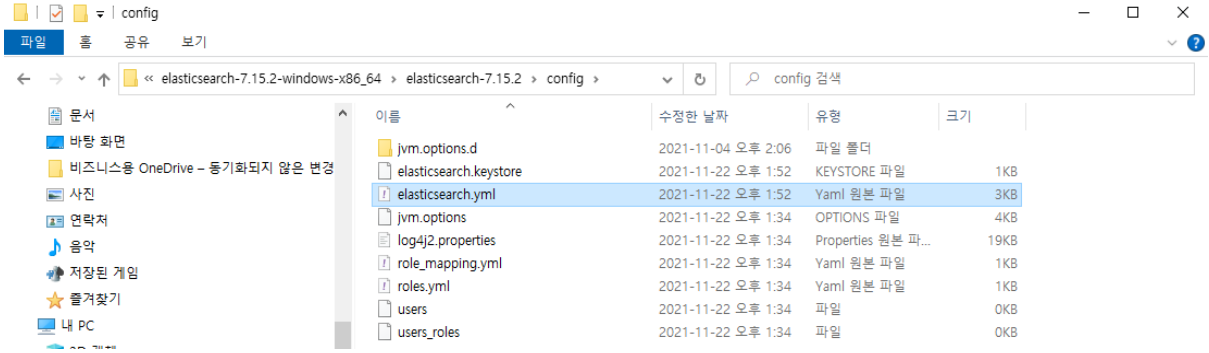
만약 그렇지 않는다면,

```
압축 풀기를 완료할 수 없습니다.

대상 경로가 너무 깁니다.
```

오류가 발생한다.

이 경우 무조건 에러가 발생한다.

4.



전제 조건 : Visual Code를 설치한다.

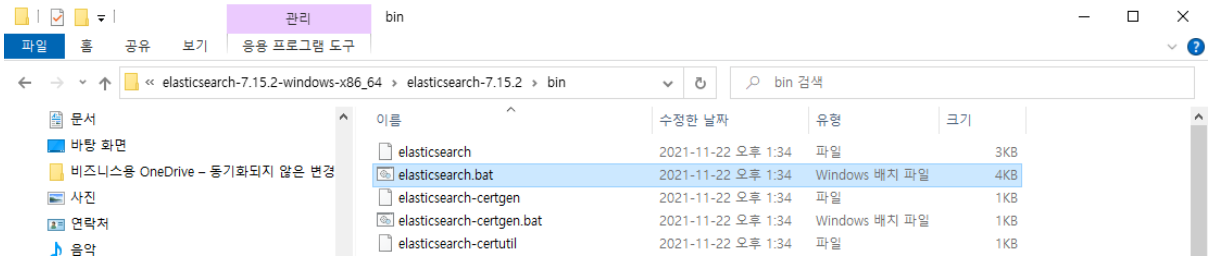
D:₩elasticsearch-7.15.2-windows-x86_64₩elasticsearch-7.15.2₩config 에 들어가서

elasticsearch.yml 을 클릭한다.

그리고 아래의 사진처럼 코드를 바꾸어주고 나서 저장한다.

```
29  # ---------------------------------- Paths ------------------------------------
30  #
31  # Path to directory where to store the data (separate multiple locations by comma):
32  #
33  path.data: /path/to/data
34  #
35  # Path to log files:
36  #
37  path.logs: /path/to/logs
38  #
39  # ---------------------------------- Memory -----------------------------------
40  #
41  # Lock the memory on startup:
42  #
43  #bootstrap.memory_lock: true
44  #
45  # Make sure that the heap size is set to about half the memory available
46  # on the system and that the owner of the process is allowed to use this
47  # limit.
48  #
49  # Elasticsearch performs poorly when the system is swapping the memory.
50  #
51  # ---------------------------------- Network -----------------------------------
52  #
53  # By default Elasticsearch is only accessible on localhost. Set a different
54  # address here to expose this node on the network:
55  #
56  #network.host: 192.168.0.1
57  #
58  # By default Elasticsearch listens for HTTP traffic on the first free port it
59  # finds starting at 9200. Set a specific HTTP port here:
60  #
61  http.port: 9200
62  #
63  # For more information, consult the network module documentation.
64  #
```

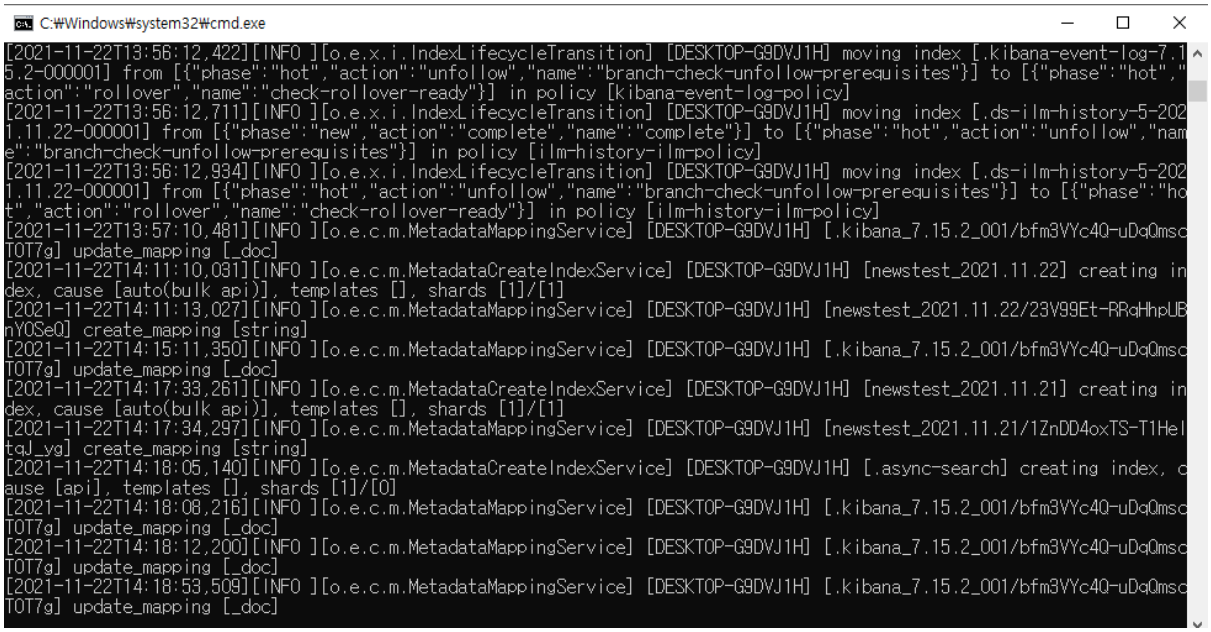
5.



D:₩elasticsearch-7.15.2-windows-x86_64₩elasticsearch-7.15.2₩bin 에 들어가서

elasticsearch.bat 을 클릭한다.

그러면 아래 사진과 같이 층 화면이 나온다.

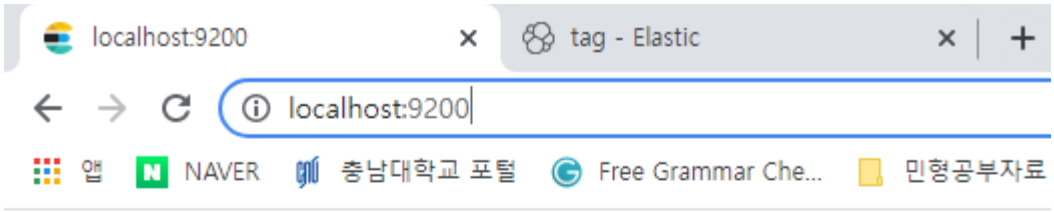


무조건 elasticsearch를 먼저 실행한다.

이 화면이 나오면 창을 절대 끄지 않는다.

6. http://localhost:9200/ 을 크롬 url 창에 넣어준다.

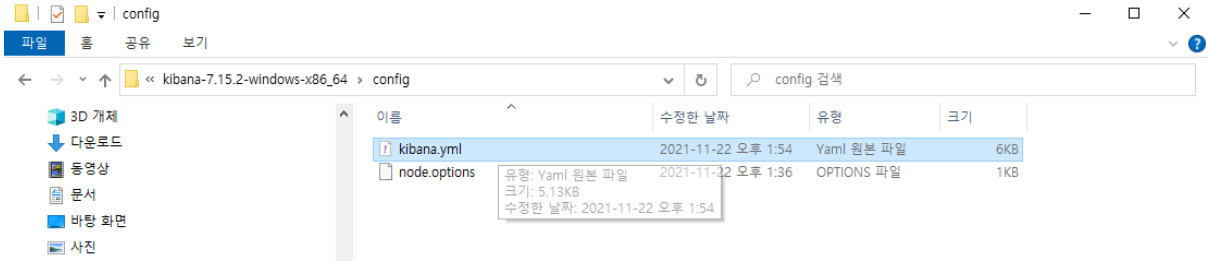
그러면 아래와 같은 화면이 나올 것이다.




```
{
  "name" : "DESKTOP-G9DVJ1H",
  "cluster_name" : "elasticsearch",
  "cluster_uuid" : "S-HBURI6Rwiq7I9k5rVIjw",
  "version" : {
    "number" : "7.15.2",
    "build_flavor" : "default",
    "build_type" : "zip",
    "build_hash" : "93d5a7f6192e8a1a12e154a2b81bf6fa7309da0c",
    "build_date" : "2021-11-04T14:04:42.515624022Z",
    "build_snapshot" : false,
    "lucene_version" : "8.9.0",
    "minimum_wire_compatibility_version" : "6.8.0",
    "minimum_index_compatibility_version" : "6.0.0-beta1"
  },
  "tagline" : "You Know, for Search"
}
```


이 창이 나온다면 성공인 것이다.

7.



전제 조건 : Visual Code를 설치한다.

D:₩kibana-7.15.2-windows-x86_64₩kibana-7.15.2-windows-x86_64₩config 에 들어가서

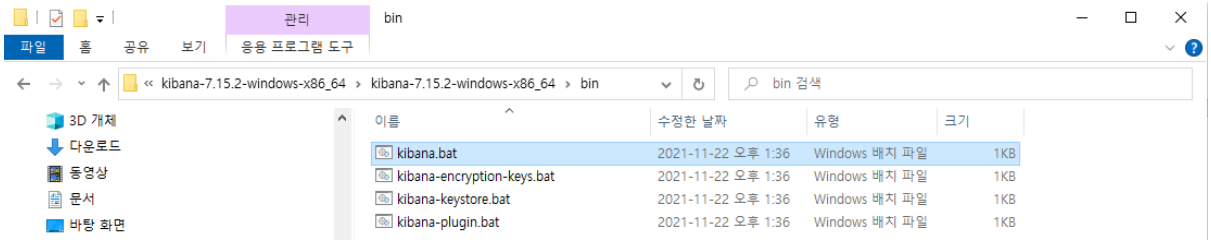
kibana.yml 을 클릭한다.

그리고 아래의 사진처럼 코드를 바꾸어주고 나서 저장한다.

D: > kibana-7.15.2-windows-x86_64 > kibana-7.15.2-windows-x86_64 > config > ! kibana.yml

```
# Kibana is served by a back end server. This setting specifies the port to use.
server.port: 5601

# Specifies the address to which the Kibana server will bind. IP addresses and host names are both valid values.
# The default is 'localhost', which usually means remote machines will not be able to connect.
# To allow connections from remote users, set this parameter to a non-loopback address.
server.host: "0.0.0.0" #defalute : localhost

# Enables you to specify a path to mount Kibana at if you are running behind a proxy.
# Use the `server.rewriteBasePath` setting to tell Kibana if it should remove the basePath
# from requests it receives, and to prevent a deprecation warning at startup.
# This setting cannot end in a slash.
#server.basePath: ""

# Specifies whether Kibana should rewrite requests that are prefixed with
# `server.basePath` or require that they are rewritten by your reverse proxy.
# This setting was effectively always `false` before Kibana 6.3 and will
# default to `true` starting in Kibana 7.0.
#server.rewriteBasePath: false

# Specifies the public URL at which Kibana is available for end users. If
# `server.basePath` is configured this URL should end with the same basePath.
#server.publicBaseUrl: ""

# The maximum payload size in bytes for incoming server requests.
#server.maxPayload: 1048576

# The Kibana server's name.  This is used for display purposes.
#server.name: "your-hostname"

# The URLs of the Elasticsearch instances to use for all your queries.
elasticsearch.hosts: "http://localhost:9200"
```

8.



D:₩kibana-7.15.2-windows-x86_64₩kibana-7.15.2-windows-x86_64₩bin 에 들어가서

kibana.bat 을 클릭한다.

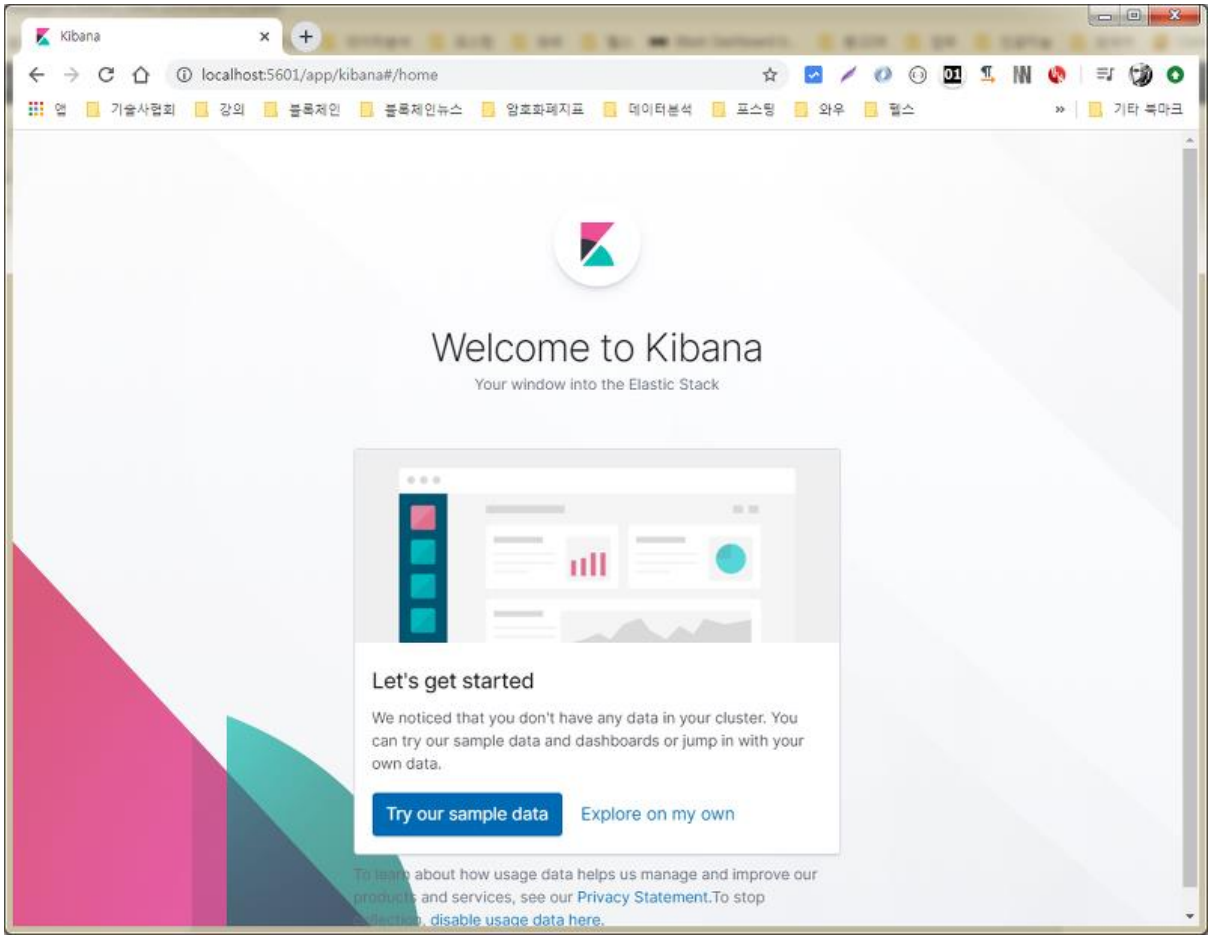
그러면 아래 사진과 같이 층 화면이 나온다.

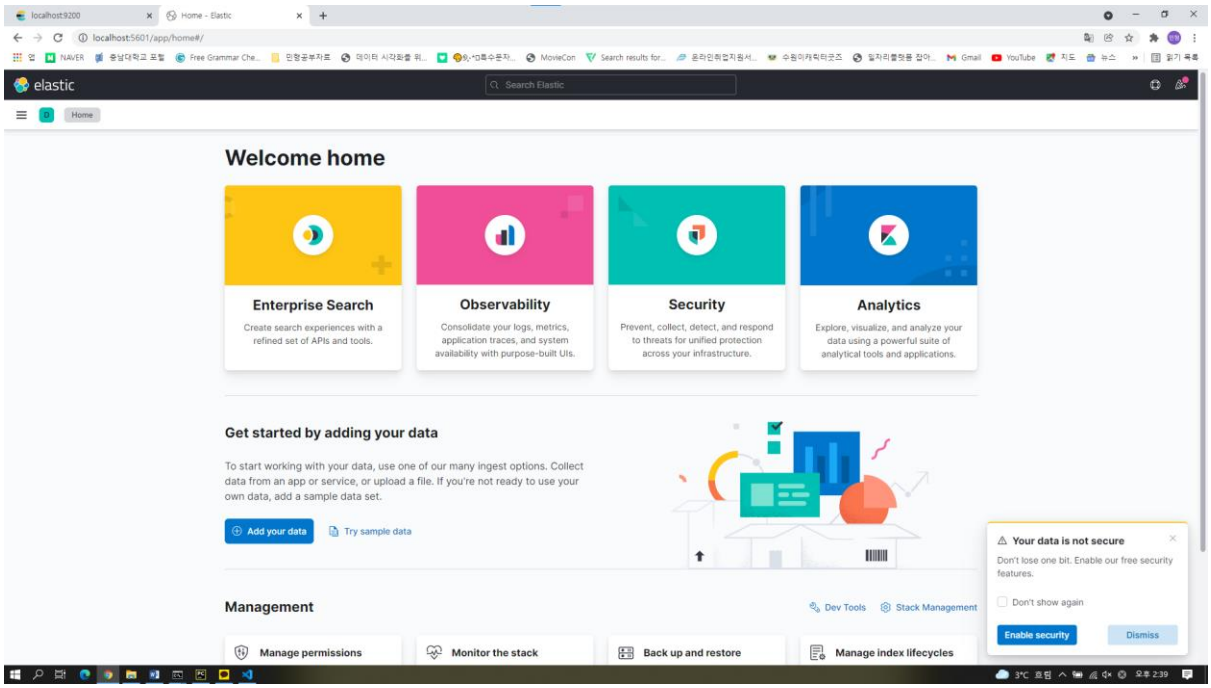
Log 나오는 시간이 꽤 걸린다면 껐다가 켜본다.

이 화면이 나오면 창을 절대 끄지 않는다.

9. http://localhost:5601/ 을 크롬 url 창에 넣어준다.

그러면 아래와 같은 화면이 나올 것이다.





이 창이 나온다면 성공인 것이다.

재시작시에는 5,6,8,9 번을 수행해주면 된다.