

Window에 elasticsearch와 Kibana 설치하기

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

Download Elasticsearch

Version: 7.11.1

Release date: February 18, 2021

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[⬇️ DEB X86_64 sha asc](#) [⬇️ DEB AARCH64 sha asc](#)
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[⬇️ MSI \(BETA\) sha asc](#)

누르고 다운

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

Download Kibana

Want it hosted? Deploy on Elastic Cloud. [Get Started »](#)

Version: 7.6.1

Release date: March 05, 2020

License: [Elastic License](#)

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누르고 다운

3. 압축 풀기를 무조건 “C드라이브” 혹은 “D드라이브”에 하기

만약 그렇지 않는다면,

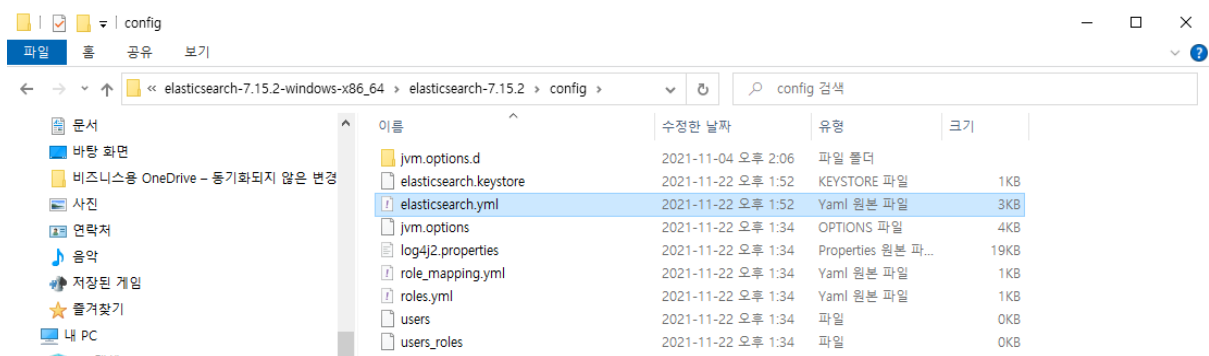
압축 풀기를 완료할 수 없습니다.

대상 경로가 너무 깊니다.

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.

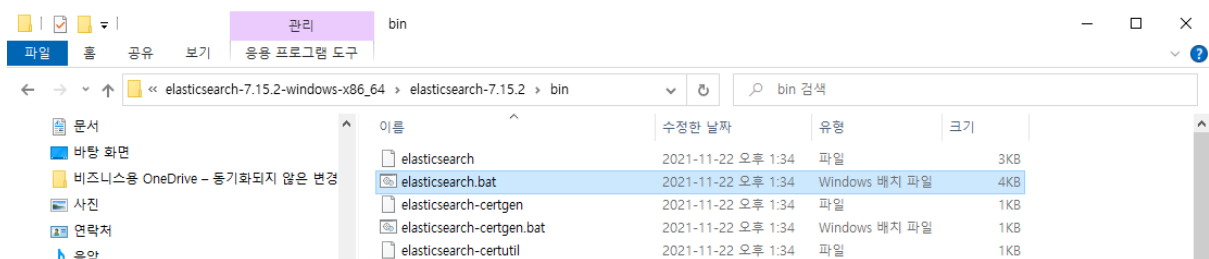
그리고 아래의 사진처럼 코드를 바꾸어주고 나서 저장한다.

```

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 창 화면이 나온다.

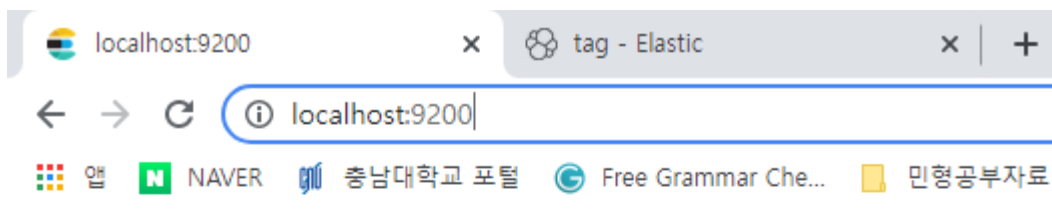
```
C:\Windows\system32\cmd.exe
[2021-11-22T13:56:12,422][INFO ][o.e.x.i.IndexLifecycleTransition] [DESKTOP-G9DVJ1H] moving index [.kibana-event-log-7.15.2-000001] from [{"phase":"hot","action":"unfollow","name":"branch-check-unfollow-prerequisites"}] to [{"phase":"hot","action":"rollover","name":"check-rollover-ready"}] in policy [kibana-event-log-policy]
[2021-11-22T13:56:12,711][INFO ][o.e.x.i.IndexLifecycleTransition] [DESKTOP-G9DVJ1H] moving index [.ds-ilm-history-5-2021.11.22-000001] from [{"phase":"new","action":"complete","name":"complete"}] to [{"phase":"hot","action":"unfollow","name":"branch-check-unfollow-prerequisites"}] in policy [ilm-history-ilm-policy]
[2021-11-22T13:56:12,934][INFO ][o.e.x.i.IndexLifecycleTransition] [DESKTOP-G9DVJ1H] moving index [.ds-ilm-history-5-2021.11.22-000001] from [{"phase":"hot","action":"unfollow","name":"branch-check-unfollow-prerequisites"}] to [{"phase":"hot","action":"rollover","name":"check-rollover-ready"}] in policy [ilm-history-ilm-policy]
[2021-11-22T13:57:10,481][INFO ][o.e.c.m.MetadataMappingService] [DESKTOP-G9DVJ1H] [.kibana_7.15.2_001/bfm3VYc4Q-uDqQmscTOT7g] update_mapping [_doc]
[2021-11-22T14:11:10,031][INFO ][o.e.c.m.MetadataCreateIndexService] [DESKTOP-G9DVJ1H] [newtest_2021.11.22] creating index, cause [auto(bulk api)], templates [], shards [1]/[1]
[2021-11-22T14:11:13,027][INFO ][o.e.c.m.MetadataMappingService] [DESKTOP-G9DVJ1H] [newtest_2021.11.22/23V99Et-PRaHhpUBnY0SeQ] create_mapping [string]
[2021-11-22T14:15:11,350][INFO ][o.e.c.m.MetadataMappingService] [DESKTOP-G9DVJ1H] [.kibana_7.15.2_001/bfm3VYc4Q-uDqQmscTOT7g] update_mapping [_doc]
[2021-11-22T14:17:33,261][INFO ][o.e.c.m.MetadataCreateIndexService] [DESKTOP-G9DVJ1H] [newtest_2021.11.21] creating index, cause [auto(bulk api)], templates [], shards [1]/[1]
[2021-11-22T14:17:34,297][INFO ][o.e.c.m.MetadataMappingService] [DESKTOP-G9DVJ1H] [newtest_2021.11.21/1ZnDD4oxTS-T1HelqJvg] create_mapping [string]
[2021-11-22T14:18:05,140][INFO ][o.e.c.m.MetadataCreateIndexService] [DESKTOP-G9DVJ1H] [.async-search] creating index, cause [api], templates [], shards [1]/[0]
[2021-11-22T14:18:08,216][INFO ][o.e.c.m.MetadataMappingService] [DESKTOP-G9DVJ1H] [.kibana_7.15.2_001/bfm3VYc4Q-uDqQmscTOT7g] update_mapping [_doc]
[2021-11-22T14:18:12,200][INFO ][o.e.c.m.MetadataMappingService] [DESKTOP-G9DVJ1H] [.kibana_7.15.2_001/bfm3VYc4Q-uDqQmscTOT7g] update_mapping [_doc]
[2021-11-22T14:18:53,509][INFO ][o.e.c.m.MetadataMappingService] [DESKTOP-G9DVJ1H] [.kibana_7.15.2_001/bfm3VYc4Q-uDqQmscTOT7g] update_mapping [_doc]
```

무조건 **elasticsearch**를 먼저 실행한다.

이 화면이 나오면 창을 절대 끄지 않는다.

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

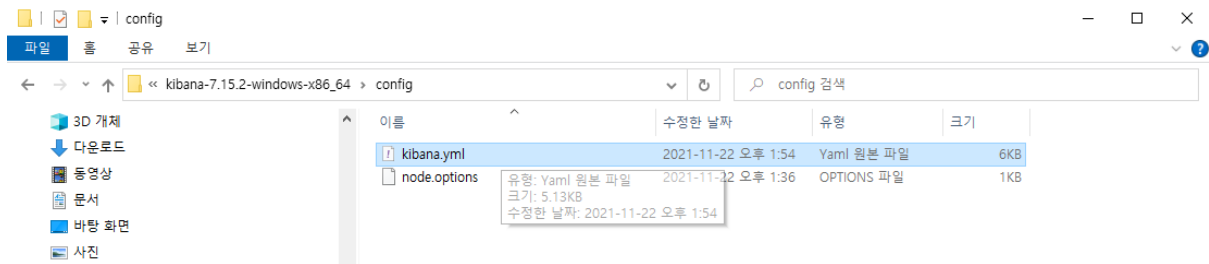
그러면 아래와 같은 화면이 나올 것이다.



```
{
  "name" : "DESKTOP-G9DVJ1H",
  "cluster_name" : "elasticsearch",
  "cluster_uuid" : "S-HBURI6Rwiq7I9k5rVljw",
  "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.

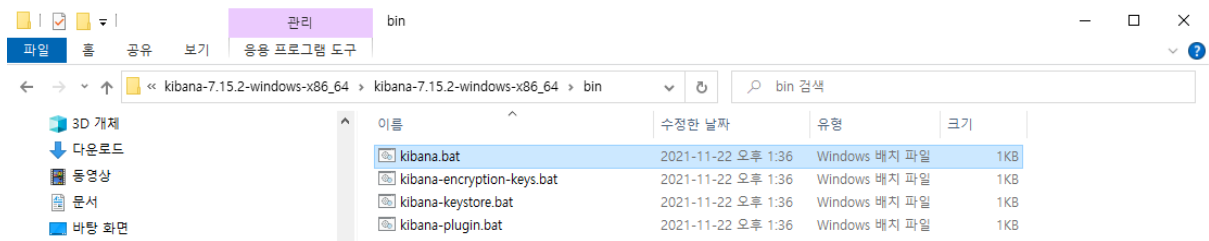
D:\kibana-7.15.2-windows-x86_64\kibana-7.15.2-windows-x86_64\config 에 들어가서

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
1  # Kibana is served by a back end server. This setting specifies the port to use.
2  server.port: 5601
3
4  # Specifies the address to which the Kibana server will bind. IP addresses and host names are both valid values.
5  # The default is 'localhost', which usually means remote machines will not be able to connect.
6  # To allow connections from remote users, set this parameter to a non-loopback address.
7  server.host: "0.0.0.0" #default : localhost
8
9  # Enables you to specify a path to mount Kibana at if you are running behind a proxy.
10 # Use the `server.rewriteBasePath` setting to tell Kibana if it should remove the basePath
11 # from requests it receives, and to prevent a deprecation warning at startup.
12 # This setting cannot end in a slash.
13 #server.basePath: ""
14
15 # Specifies whether Kibana should rewrite requests that are prefixed with
16 # `server.basePath` or require that they are rewritten by your reverse proxy.
17 # This setting was effectively always `false` before Kibana 6.3 and will
18 # default to `true` starting in Kibana 7.0.
19 #server.rewriteBasePath: false
20
21 # Specifies the public URL at which Kibana is available for end users. If
22 # `server.basePath` is configured this URL should end with the same basePath.
23 #server.publicBaseUrl: ""
24
25 # The maximum payload size in bytes for incoming server requests.
26 #server.maxPayload: 1048576
27
28 # The Kibana server's name. This is used for display purposes.
29 #server.name: "your-hostname"
30
31 # The URLs of the Elasticsearch instances to use for all your queries.
32 elasticsearch.hosts: "http://localhost:9200"
```

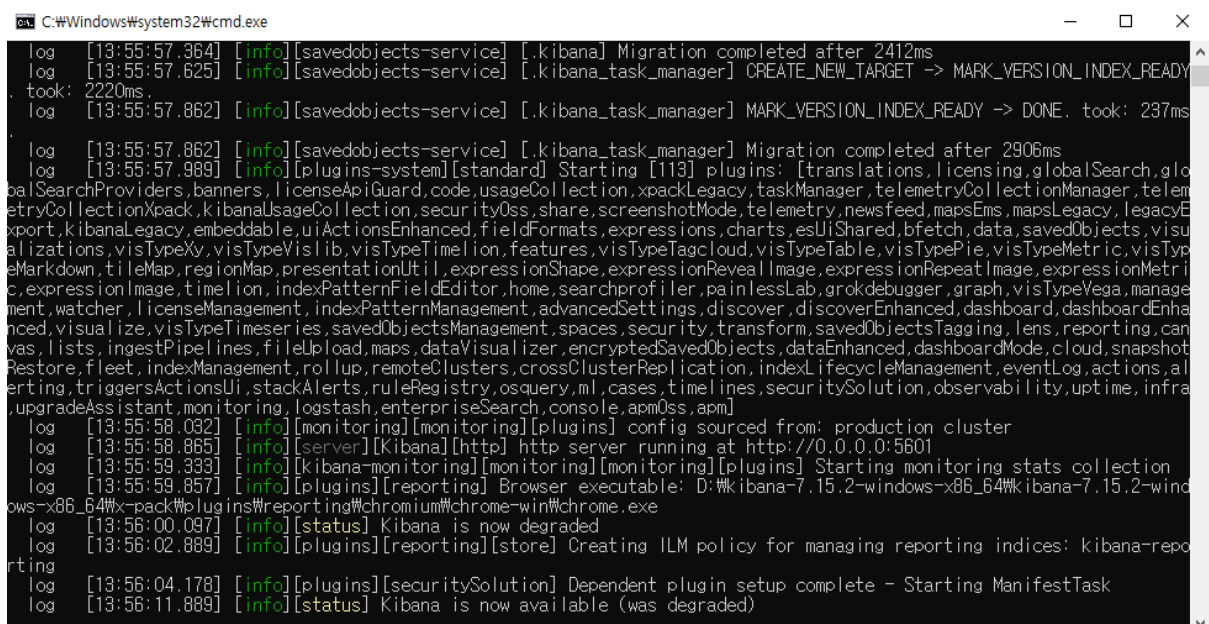
8.



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 창 화면이 나온다.

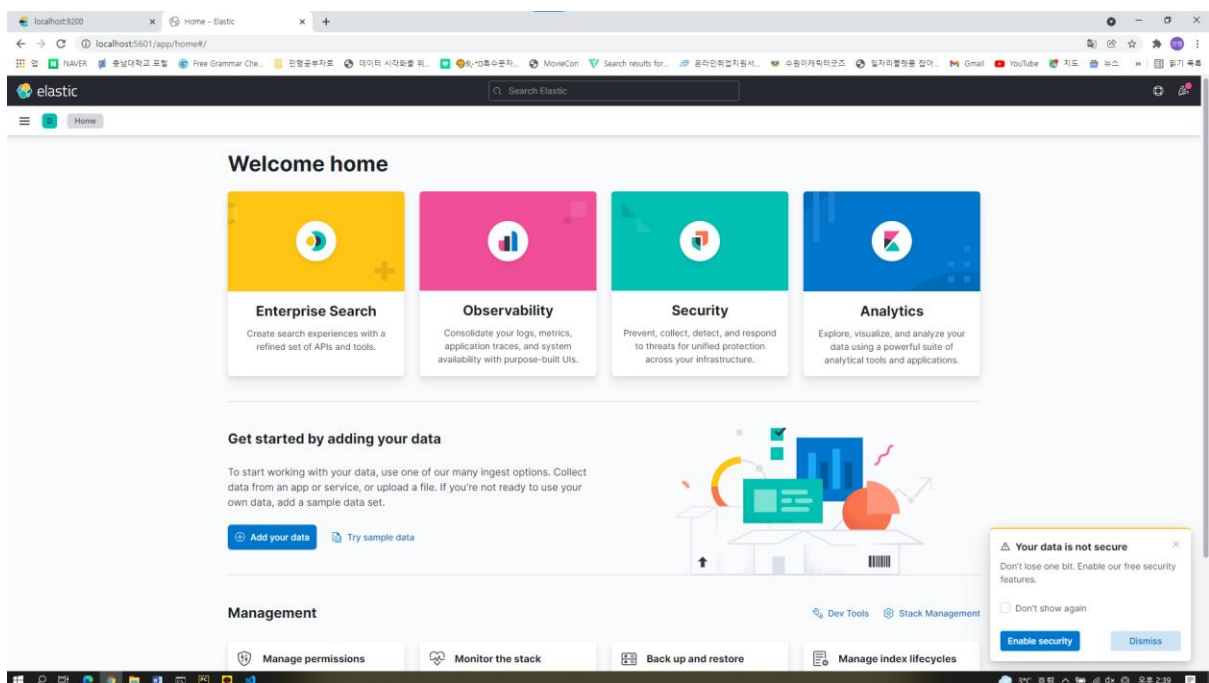
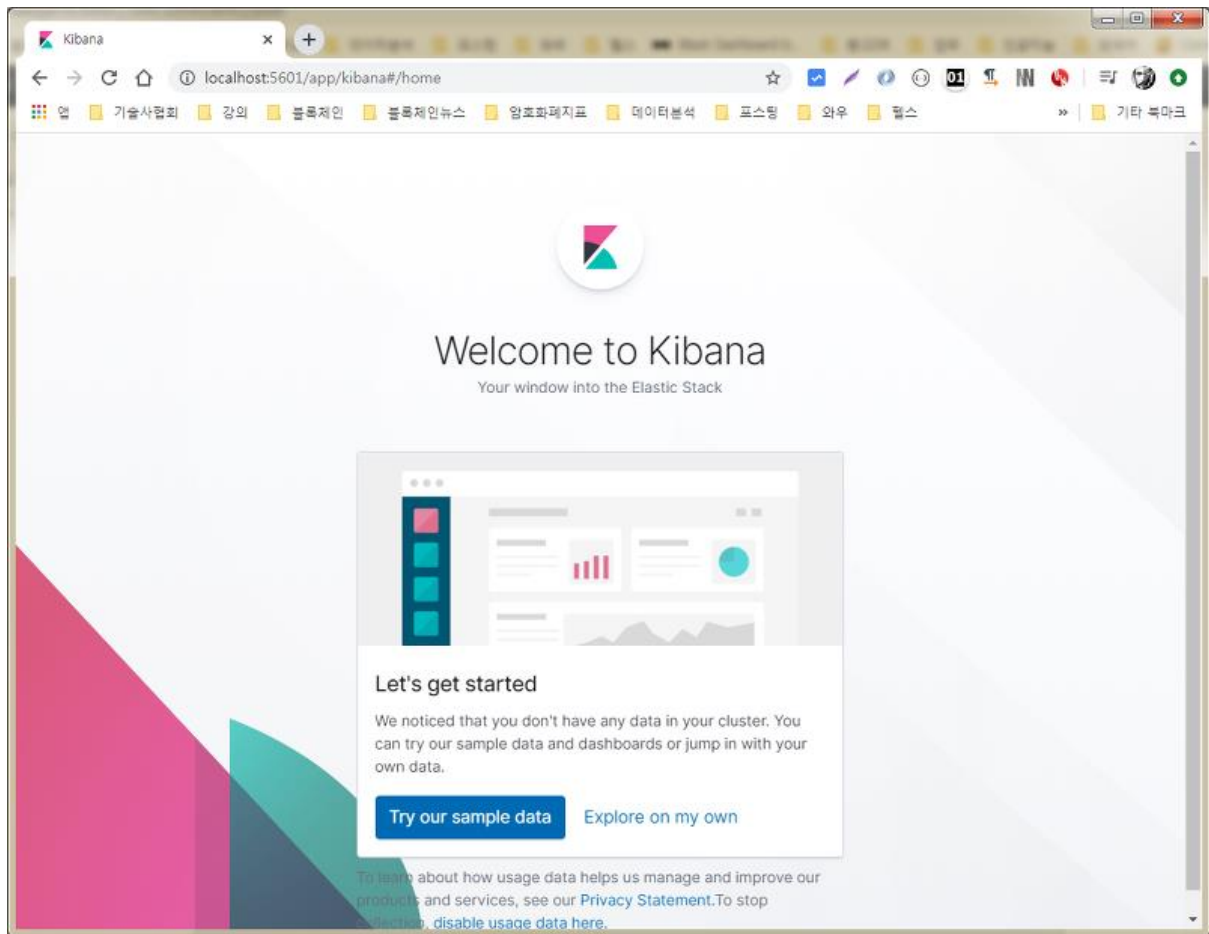


Log 나오는 시간이 꽤 걸린다면 꺾다가 커본다.

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.