







# 2. Elastic

- [Elasticsearch](#)   
- [Elasticsearch, Kibana](#)   

# Elasticsearch Kibana

## 1. Elastic

- <https://www.elastic.co/kr/downloads/>

## 2. Elasticsearch

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- Linux, Windows, MacOS

## 3. Kibana

- Kibana

## 4.

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# Elasticsearch, Kibana

## 1. Elasticsearch

Elasticsearch-8.xx.x/config/elasticsearch.yml

```
elasticsearch.yml X
C:\Users\USER\Desktop> 작업 폴더 > elasticsearch-8.15.3 > config > elasticsearch.yml
83
84 #----- BEGIN SECURITY AUTO CONFIGURATION -----
85 #
86 # The following settings, TLS certificates, and keys have been automatically
87 # generated to configure Elasticsearch security features on 07-11-2024 08:10:20
88 #
89 # -----
90
91 cluster.name: "eyeCluster"
92 node.name : "eyeE2"
93 # Enable security features
94 xpack.security.enabled: true
95 xpack.security.enrollment.enabled: true
96
97 # Enable encryption for HTTP API client connections, such as Kibana, Logstash, and Agents
98 xpack.security.http.ssl:
99   enabled: true
100   keystore.path: certs/http.p12
101
102 # Enable encryption and mutual authentication between cluster nodes
103 xpack.security.transport.ssl:
104   enabled: true
105   verification_mode: certificate
106   keystore.path: certs/transport.p12
107   truststore.path: certs/transport.p12
108 # Create a new cluster with the current node only
109 # Additional nodes can still join the cluster later
110 cluster.initial_master_nodes: ["eyeE2"]
111
112 # Allow HTTP API connections from anywhere
113 # Connections are encrypted and require user authentication
114 http.host: 0.0.0.0
115
116 # Allow other nodes to join the cluster from anywhere
117 # Connections are encrypted and mutually authenticated
118 #transport.host: 0.0.0.0
119
120 #----- END SECURITY AUTO CONFIGURATION -----
121
```

- cluster.name : "eye"
- node.name : "eyeE2" # 10000 1000 1000 1000
- security.enabled : true # 1000 1000 1000
- security.http.ssl.enabled : true  
# Kibana Logstash 1000 1000 1000000 HTTPS 1000 1000 1000 1000 1000 1000
- security.transport.ssl.enable : true  
# 10000 1000 10000 10000 10000, SSL 1000 1000 1000 1000 # SSL : 1000
- keystore.path : certs/transport.p12 # 1000 1000 SSL 1000 1000
- truststore.path : certs/transport.p12 # 1000 1000 1000 SSL 1000 1000
- cluster.initial\_master\_nodes : ["eyeE2"]  
# 10000 1000 1000 1000, 1000 1000 1000 eyeE2 1000 1000  
1000000 1000)
- http.host : 0.0.0.0  
# 100000 1000 IP 1000 1000 1000 1000, 1000 1000000 10000 1000 1000 1000

## 2. Kibana

### Kibana/config/kibana.yml

```
kibana.yml x
C: > Users > USER > Desktop > kibana-8.15.3 > config > kibana.yml
177 # Time in milliseconds to wait for autocomplete suggestions from Elasticsearch.
178 # This value must be a whole number greater than zero. Defaults to 1000ms
179 #unifiedSearch.autocomplete.valueSuggestions.timeout: 1000
180
181 # Maximum number of documents loaded by each shard to generate autocomplete suggesti
182 # This value must be a whole number greater than zero. Defaults to 100_000
183 #unifiedSearch.autocomplete.valueSuggestions.terminateAfter: 100000
184 server.host: "0.0.0.0"
185 elasticsearch.hosts: ["http://. . .102:9200"]
```

- **server.host : "0.0.0.0"**

# Kibana IP 0.0.0.0

- **elasticsearch.hosts : ["http://xxx.xxx.xx.xxx:9200"]**

# Kibana Elasticsearch

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