






2. Elastic

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

Elasticsearch Kibana

1. Elastic

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

2. Elasticsearch

-
- Linux, Windows, MacOS

3. Kibana

- Kibana

4.

-

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" #
- security.enabled : true #
- security.http.ssl.enabled : true
Kibana Logstash HTTP HTTPS
- security.transport.ssl.enable : true
, SSL # SSL :
- keystore.path : certs/transport.p12 # SSL
- truststore.path : certs/transport.p12 # SSL
- cluster.initail_master_nodes : ["eyeE2"]
, eyeE2
1)
- http:host : 0.0.0.0
IP , ,

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

Kibana Elasticsearch