1. Since v6.8/7.1, elasticsearch has applied TLS security to REST API call, that is, we have to use https:// localhost:9200 instead of http:// localhost:9200 to reach the nodes
2. To use https://, use the following info to setup self-signed certificate:

https://www.elastic.co/guide/en/elasticsearch/reference/current/security-basic-setup.html

<https://www.elastic.co/guide/en/elasticsearch/reference/current/security-basic-setup-https.html>

1. After generating the http.p12 certificate, may also need to install the certificate on local machine so the “client” can recognize the certificate, and elasticsearch will not return a “bad certificate error”