



Installation Details Document

Steps To Install Elasticsearch 5.5 & 7.6 Both Versions On The Same Machine



Purpose

This document is created for Znode Base Product and covers the guidelines to install Elastic Search 5.5 & 7.6 version local machine/server

Steps To Install Elasticsearch 5.5 & 7.6 Both Versions On The Same Machine

Introduction:

Guidelines to install Elasticsearch 5.5 & 7.6 version on your local machine/server.

Jira Issue:

[ZPD-9535](#)

Assumption:

Elastic search 5.5 is already installed in the machine.

Configuration requirements for the Elastic search 7.6 service:

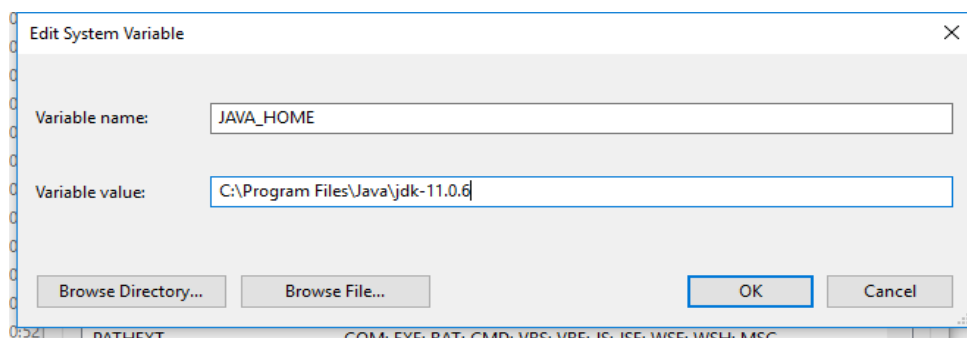
1. The Elastic Search 7.6 version has a dependency on JDK version 11 or higher version.

Steps to install Elasticsearch 5.5 & 7.6 versions on the same machine :

Option 1:

Kindly follow the below steps to configure the Elasticsearch at your machine.

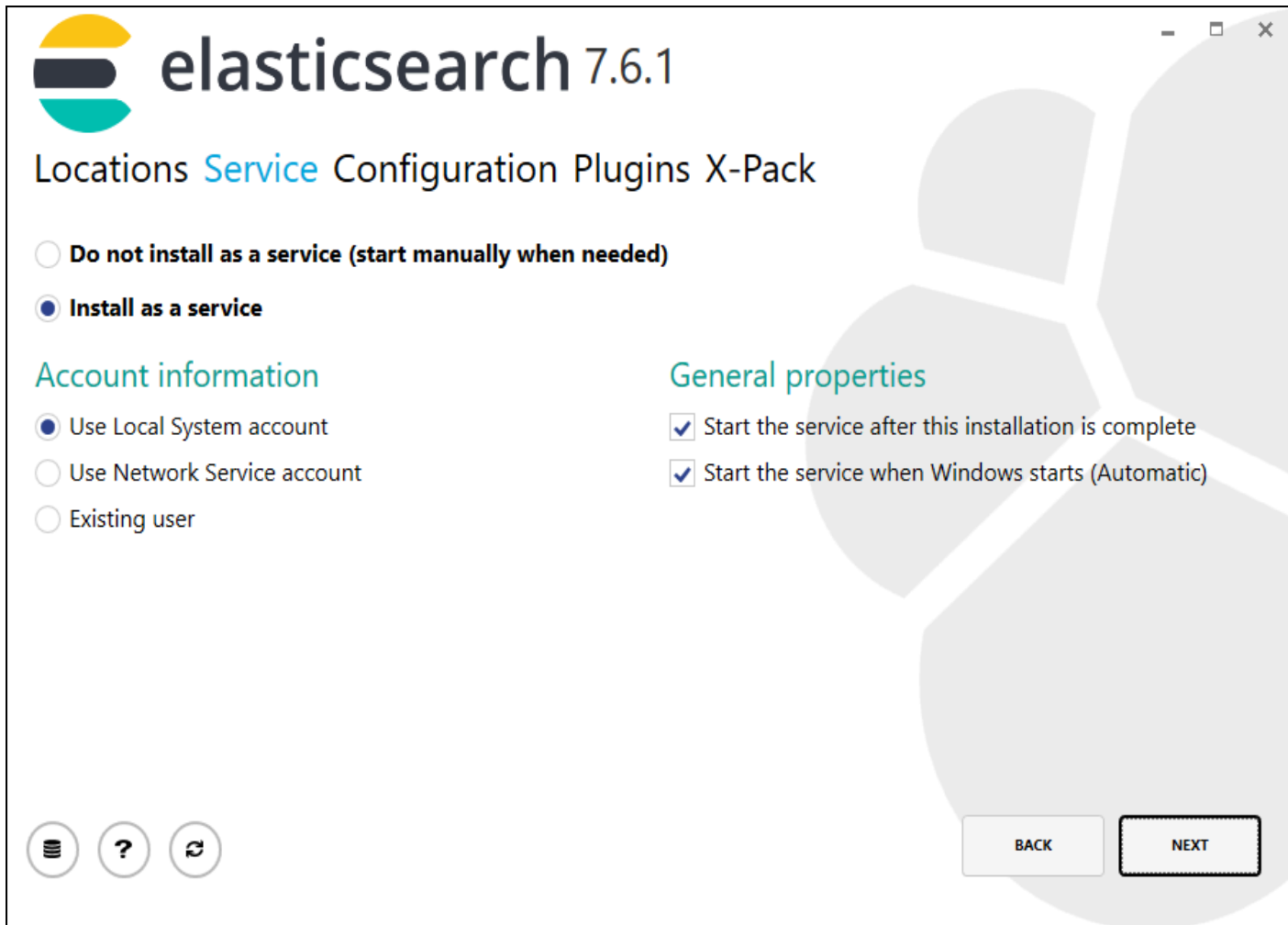
1. Install the JDK 11.0 version and .net framework 4.8.
2. Configure the environment variable for java. To configure the Java environment variable, do the following:
 - a. Go to Computer -> right-click -> properties -> Advanced system setting -> Environment Variable -> Under System Variables click on New -> Java variable name and path of bin in JDK.(refer screenshot.)
3. Download the Elasticsearch installation file from



[Elasticsearch Free | Get Started Now | Elastic.](#)

from below link [Download](#)

- Run the installation file and select the options as display below.



elasticsearch 7.6.1

Locations **Service** Configuration Plugins X-Pack

☐ Do not install as a service (start manually when needed)
☒ **Install as a service**

Account information

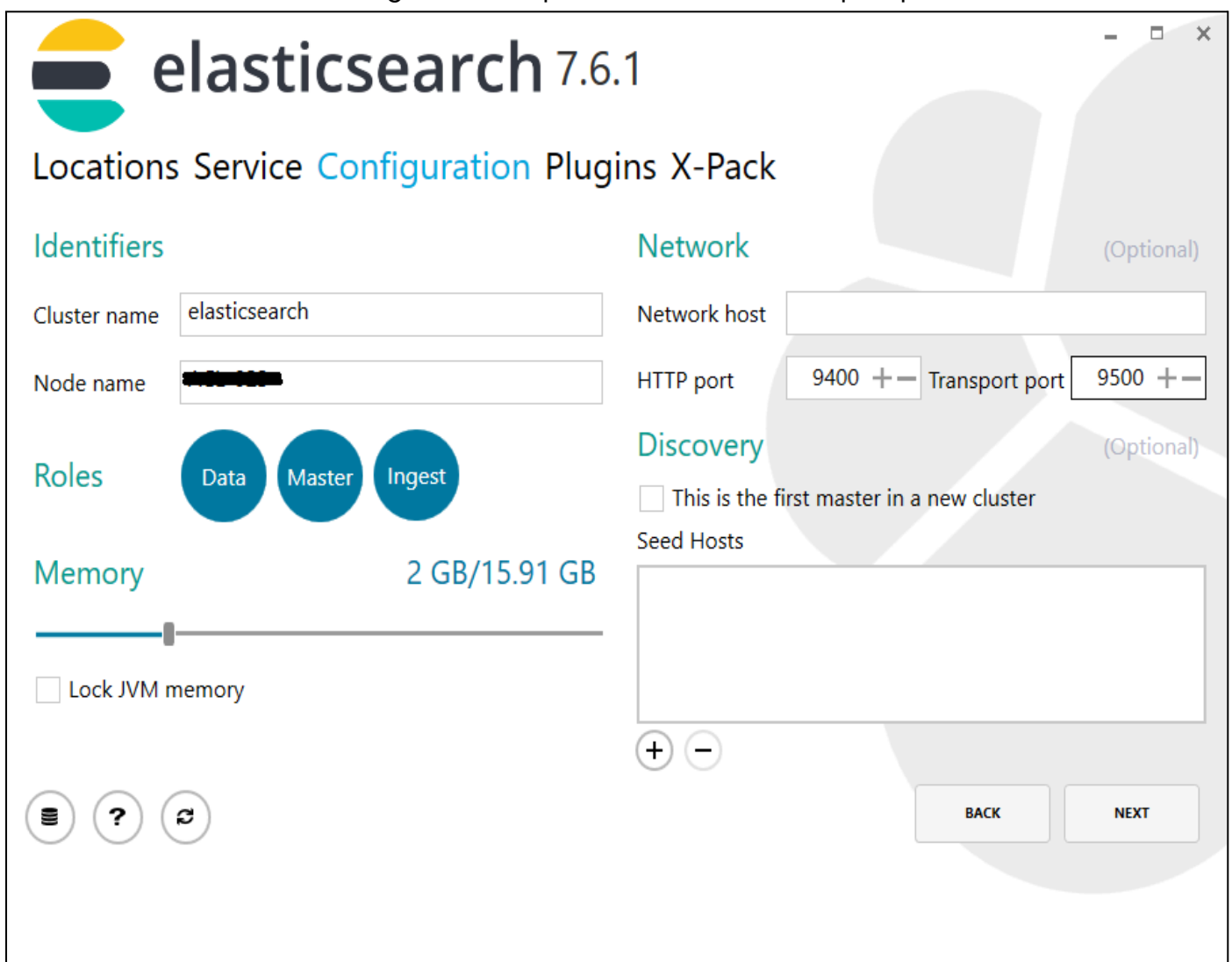
☒ Use Local System account
☐ Use Network Service account
☐ Existing user

General properties

☒ Start the service after this installation is complete
☒ Start the service when Windows starts (Automatic)

BACK NEXT

- Click on next button and change the HTTP port as 9400 and Transport port as 9500



elasticsearch 7.6.1

Locations Service **Configuration** Plugins X-Pack

Identifiers

Cluster name:

Node name:

Roles

☒ Data ☒ Master ☒ Ingest

Memory 2 GB/15.91 GB

☐ Lock JVM memory

Network (Optional)

Network host:

HTTP port: Transport port:

Discovery (Optional)

☐ This is the first master in a new cluster

Seed Hosts:

BACK NEXT

- Click on the Next button and install the ElasticSearch.

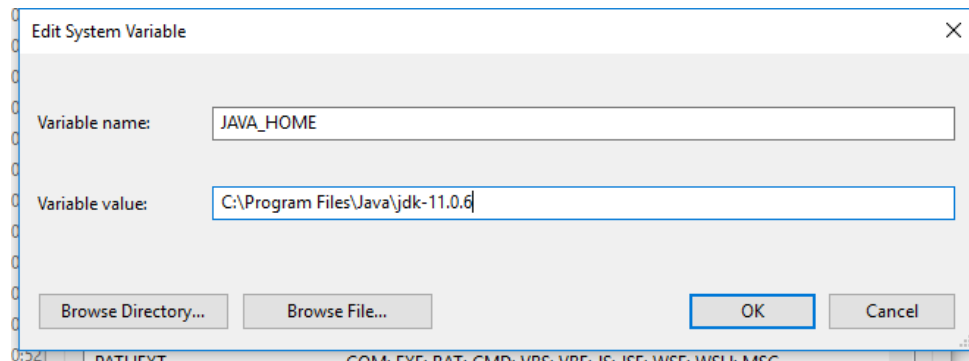
7. You will be able to see search services i.e Elasticsearch 5.5 and 7.6 in your window's services list. Change the startup type from "Manual" to "Automatic".
8. Browse the URL <http://localhost:9400/> to make sure that Elasticsearch 7.6 is installed successfully and the same link can be configured in web.config of Znode API.

Note: HTTP port and Transport port can be anything other than the port number setup for Elasticsearch 5.5

Option 2:

Kindly follow the below steps to configure the Elasticsearch at your machine.

1. Install the JDK 11.0 version and .net framework 4.8.
2. Configure the environment variable for java. To configure the Java environment variable, do the following:
 - a. Go to Computer -> right-click -> properties -> Advanced system setting -> Environment Variable -> Under System Variables click on New -> Java variable name and path of bin in JDK.(refer screenshot.)



3. Copy the Elasticsearch 7.6 zip file and unzip it to your desired location.
4. Edit the elasticsearch-service.bat file available in the bin folder of Elasticsearch 7.6 and make the following changes on it
 - a. Rename the SERVICE_ID with proper name like elasticsearch7
5. Edit elasticsearch.yml file available in the config folder of Elasticsearch 7.6 and make the following changes on it
 - a. Find out the #http.port: 9200 and replace that with http.port: 9400.
Note - Please remove character "#" while replacing the word.
6. Open the command prompt with admin rights.
7. Enter the command to install the newer 7.6 version of Elasticsearch service:
 - a. cd {bin folders path in elasticsearch folder}
e.g.: cd D:\Elastic Search\elasticsearch-7.6.0\elasticsearch-7.6.0\bin
 - b. Press enter.
 - c. Enter the following commands:
 - i. elasticsearch-service.bat install
The success message will be shown.
 - ii. elasticsearch-service.bat start
The success message will be shown.
8. You will be able to see search services in your windows services list. Change the startup type from "Manual" to "Automatic".