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Running Elasticsearch in different Host

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Document Control

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| **Document Name** | Running Elasticsearch in different Host | | | | |
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**Contents**

[**Introduction** 3](#_Toc10008896)

[**Steps to Running elastic search in different host** 3](#_Toc10008897)

[Stopping Services 3](#_Toc10008898)

[Installing JDK 8 3](#_Toc10008899)

[Setting Java Home 3](#_Toc10008900)

[Copying/Installing Elastic Search 6](#_Toc10008901)

[Removing Dependency 6](#_Toc10008902)

[Database changes 7](#_Toc10008903)

[Starting Services 7](#_Toc10008904)

# **Introduction**

This document will explain how to run elastic search in different host

# **Steps to Running elastic search in different host**

1. Stopping Services
2. Installing JDK 8
3. Setting Java Home
4. Copying/Installing Elastic search
5. Removing dependency
6. Database changes
7. Starting Services

Note: **SapphireES** host is the machine where elastic search need to be placed/ migrated

## Stopping Services

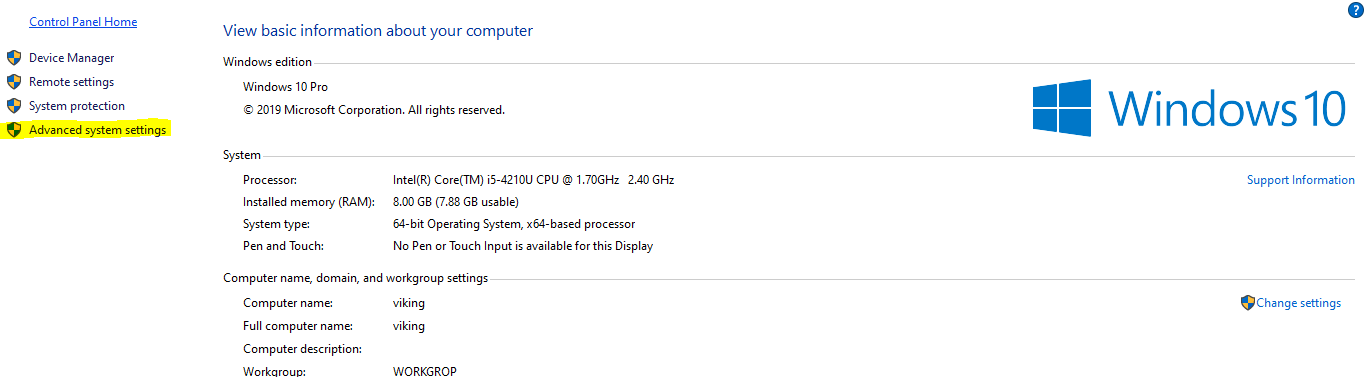
1. Go to SapphireIMS installed machine
2. Go to Services
3. Stop the “SapphireLogAnalyzer” service
4. Stop the “SapphireIMS ES” service

## Installing JDK 8

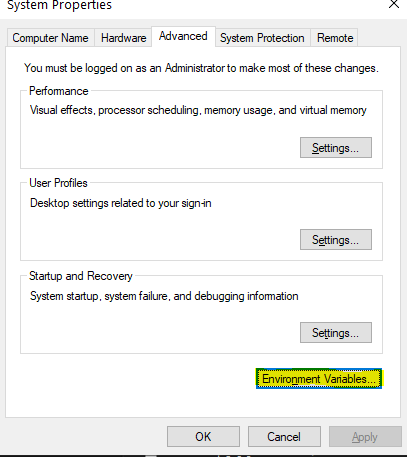
1. Create the folder SapphireES in C Drive where elastic search needs to be placed (Assuming the folder is created in C drive)
2. Go to SapphireIMS installed host
3. Navigate to <SapphireIMS Installed Path> in file explorer
4. Copy JDK folder
5. Go to SapphireES host and navigate to SapphireES folder (created in Step 1)
6. Paste the JDK folder copied in Step 4

## Setting Java Home

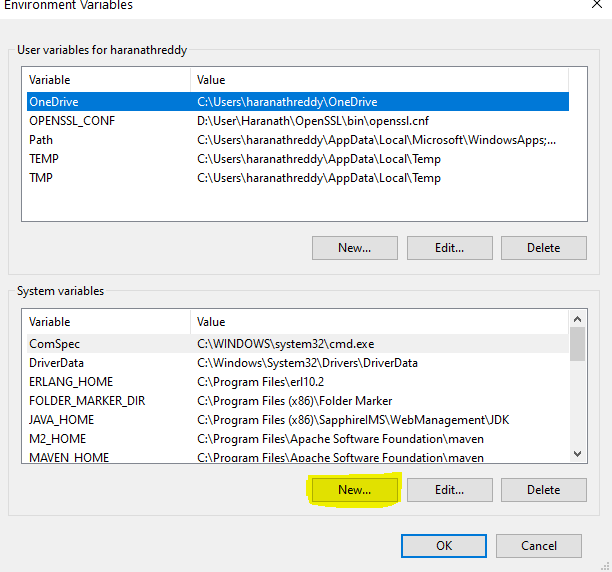
1. Go to SapphireES host
2. Right click on This PC/My Computer and click Advance System Settings



1. Click on ‘Environment Variables’ button

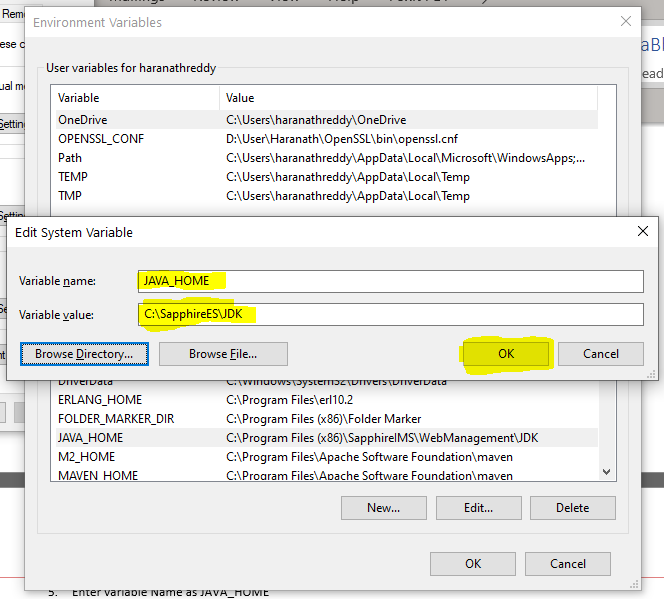


1. Click on ‘New’ button in System Variables



1. Enter variable Name as JAVA\_HOME

Variable Value as C:\SapphireES\JDK and click on ok button



1. Click on ‘ok’ button

## Copying/Installing Elastic Search

1. Go to SapphireIMS installed Machine
2. Navigate to <Sapphire Installed Path>\ Plugins\LogAnalyzer
3. Copy elasticsearch folder
4. Go to SapphireES host and past the copied elasticsearch folder into “C:\SapphireES” folder
5. Run the command prompt in Administrator mode
6. Navigate to “C:\SapphireES\elasticsearch\bin” (Eg: cd c:\SapphireES\elasticsearch\bin)
7. Type the following command

elasticsearch-service.bat install “SapphireES”

1. Go to services Start the SapphireES service

## Removing Dependency

1. Go to SapphireIMS installed machine
2. Open command prompt as administrator
3. Run the following command

sc config "SapphireLogAnalyzer" depend= /

1. Navigate to <Sapphire Installed Path>\ Plugins\LogAnalyzer\upgrade\DREC12536 and open run.bat in text editor
2. Find the “localhost” text and replace with SapphireES host IP address
3. Save the file

## Database changes

1. Open MySQL query browser and connect to SapphireIMS database
2. Execute the following Update query

UPDATE loganalyzer\_outputsettings SET eshostname = '172.16.9.30'

Note: change the IP Address to SapphireES host IP Address

## Starting Services

1. Go to SapphireIMS installed machine
2. Go to Services
3. Start the “SapphireLogAnalyzer” service

Note: “SapphireIMS ES” service is not required to run in SapphireIMS server