**OpenSearch Server**

1. Download OpenSearch zip file from the URL: <https://opensearch.org/downloads.html>

OR

Use the Direct link for a version 2.18.0: <https://artifacts.opensearch.org/releases/bundle/opensearch/2.18.0/opensearch-2.18.0-windows-x64.zip>

1. Extract the archive into a destination folder, example **C:\opensearch-2.18.0**
2. Set the following two environment variables
   1. **OPENSEARCH\_JAVA\_HOME** (value as C:\opensearch-2.18.0\jdk)
   2. **OPENSEARCH\_INITIAL\_ADMIN\_PASSWORD** (value as Opensearch#01)
3. Test the OpenSearch installation by running the following bat file at the Command Prompt
   1. C:\opensearch-2.18.0\**opensearch-windows-install.bat**
   2. Open a new command prompt and send requests to the server to verify that OpenSearch is running. (--insecure flag is required since TLS certificates are self-signed)

curl.exe -X GET https://localhost:9200 -u "admin:Opensearch#01" --insecure

* 1. Query the Plugins endpoint

curl.exe -X GET https://localhost:9200/\_cat/plugins?v -u "admin:Opensearch#01" --insecure

1. Shutdown the OpenSearch server by pressing Ctrl+C in Command Prompt / PowerShell and press Y to confirm.

Continue to step 6 if above two curl commands gave response successfully.

1. Start OpenSearch server by running the following batch file

C:\opensearch-2.18.0\bin\opensearch.bat

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**Postman Installation**

As an alternative to OpenSearch Dashboard, we can use Postman

1. Install Postman application for your platform
2. Launch Postman and login using postman account (Create account in case you do not have an account)
3. Import opensearch\_collection.json in Postman for OpenSearch API access. We need to specify the OpenSearch URL and Username/Password under Basic Authentication before calling any API

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**OpenSearch Dashboard**

1. Download OpenSearch zip file from the URL: <https://opensearch.org/downloads.html>

OR

Use the Direct link for a version 2.18.0: <https://artifacts.opensearch.org/releases/bundle/opensearch-dashboards/2.18.0/opensearch-dashboards-2.18.0-windows-x64.zip>

1. Extract the archive into a destination folder, example **C:\opensearch-dashboards-2.18.0**
2. Run the following in PowerShell if path-length-related error is encountered during extraction

Set-ItemProperty -Path HKLM:\SYSTEM\CurrentControlSet\Control\FileSystem LongPathsEnabled -Type DWORD -Value 1 -Force

1. Run OpenSearch Dashboard from Command Prompt/PowerShell

C:\opensearch-dashboards-2.18.0\bin\opensearch-dashboards.bat

1. To stop OpenSearch Server and Dashboard, press Ctrl+C in Command Prompt / PowerShell and press Y to confirm termination OR close the Command Prompt / PowerShell window.

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