

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>
- 2) Extract the archive into a destination folder, example **C:\opensearch-2.18.0**
- 3) Set the following two environment variables
 - a. OPENSEARCH_JAVA_HOME (value as **C:\opensearch-2.18.0\jdk**)
 - b. OPENSEARCH_INITIAL_ADMIN_PASSWORD (value as **Opensearch#01**)
- 4) Test the OpenSearch installation by running the following bat file at the Command Prompt
 - a. **C:\opensearch-2.18.0\opensearch-windows-install.bat**
 - b. 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
 - c. Query the Plugins endpoint
curl.exe -X GET https://localhost:9200/_cat/plugins?v -u "admin:Opensearch#01" --insecure
- 5) Shutdown the OpenSearch server by pressing Ctrl+C in Command Prompt / PowerShell and press Y to confirm.

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

- 6) Start OpenSearch server by running the following batch file

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

OpenSearch Dashboard

- 7) 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>
- 8) Extract the archive into a destination folder, example **C:\opensearch-dashboards-2.18.0**
- 9) 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
- 10) Run OpenSearch Dashboard from Command Prompt/PowerShell
C:\opensearch-dashboards-2.18.0\bin\opensearch-dashboards.bat
- 11) 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.

Postman Installation

As an alternative to OpenSearch Dashboard, we can use Postman

- 12) Install Postman application for your platform
- 13) Launch Postman and login using postman account (Create account in case you do not have an account)

OpenSearch Installation

- 14) 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