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# Requirements

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## DSC Platform Requirements

Before you begin using the REST API, it is assumed that you have completed the following tasks:

- If you have a DSC Platform, installed or upgraded your system to release 16.0.0 or above.



**Note**

The DSC system should come with a fixed port number reserved for the REST API. This port number is 8890 on the management node.

- Configured the required passwords and user privileges (refer to the Platform Manager User Guide, [DSC User Profiles and Privileges](#)).



**Note**

The REST API is accessible to an active user with valid TL1 privileges. You should be able to login on both the Web UI and TL1 server with the `ACT-USER TL1` command without escaping the password. For more information, refer to the Platform Manager User Guide, [DSC Password Management](#).

- If using the Ribbon Element Management System (EMS), enabled the EMS on the DSC, refer to [Configuring Community Directives](#).



**Note**

The REST API is served through a Python web application (the DSC comes with a Python interpreter). For more information about Python, visit Python Software Foundation at <https://www.python.org>.

## REST Client Requirement

A REST API client is free to use any HTTP compliant (1.1) client library or Web Development Programming Language satisfying the following requirements:

- Support for HTTP over TLS (HTTPS)
- Supports HTTP methods GET, POST, PUT, and DELETE

