Local REST API Setup Guide

Oracle Banking Supply Chain Finance

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Local REST API Setup Guide

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1   Preface

1.1   Introduction

Welcome to Local REST API Set up Guide for Oracle Banking Supply Chain Finance. It provides an overview on how to set up REST API locally on your system.

1.2   Intended Audience

This guide is intended for the following audience:

- Customers
- Partners

1.3   Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

1.4   Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For more information refer to the following links:

- https://www.oracle.com/corporate/accessibility/learning-support.html#support-tab

1.5   Related Documents

For more information on Oracle Banking Supply Chain Finance, refer to the following documents:

- Oracle Banking Supply Chain Finance License Guide
- Oracle Banking Supply Chain Finance Installation Guides
- Oracle Banking Supply Chain Finance User Guides

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2 Hosting REST API Locally

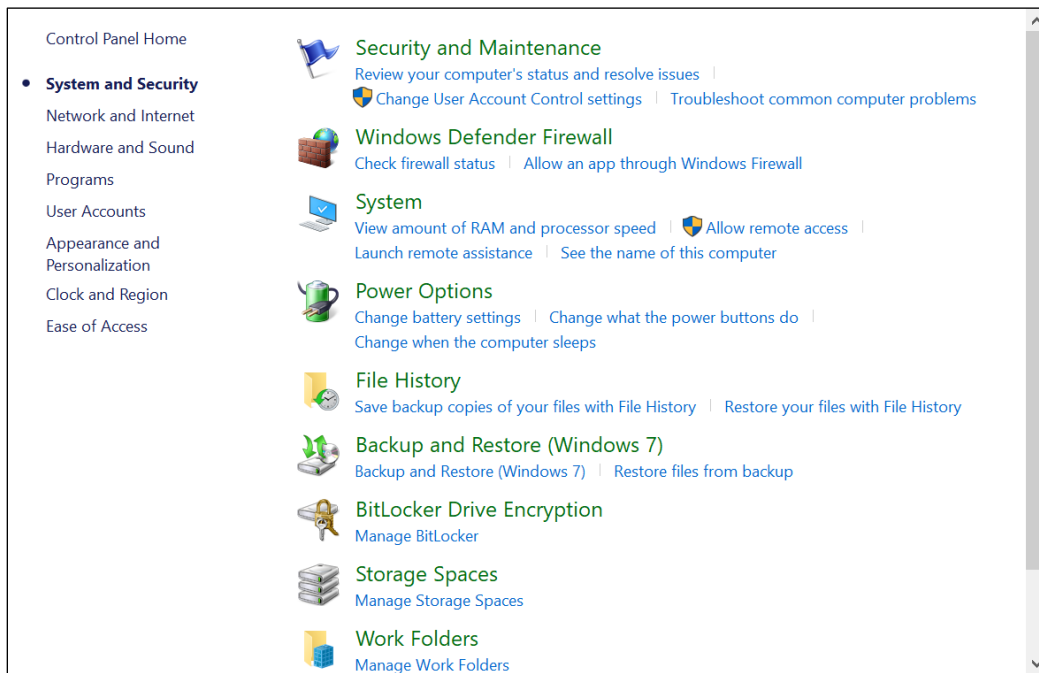**Pre-requisite**

Ensure that Python is installed in your local.

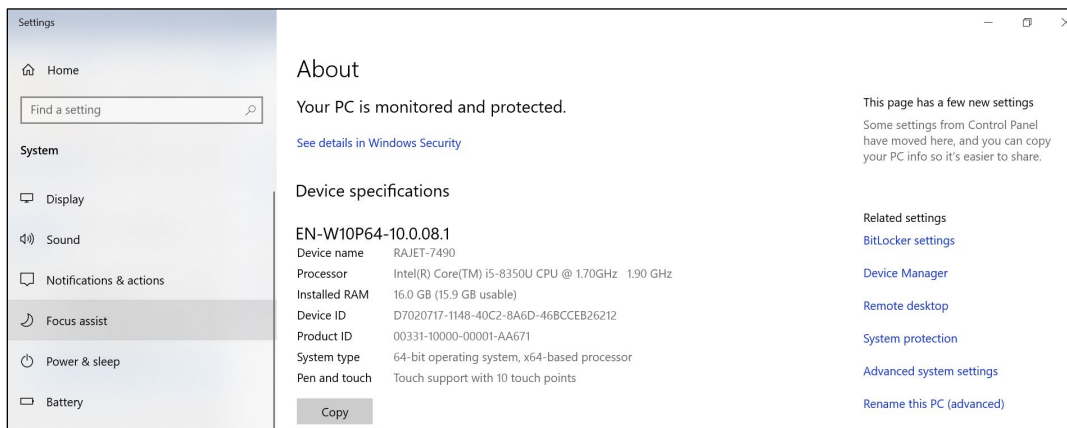Follow the below mentioned steps to set up the python path on your local:

1. Go to **Control Panel** and click **System and Security**.

   → The **System and Security** pop-up window is displayed.
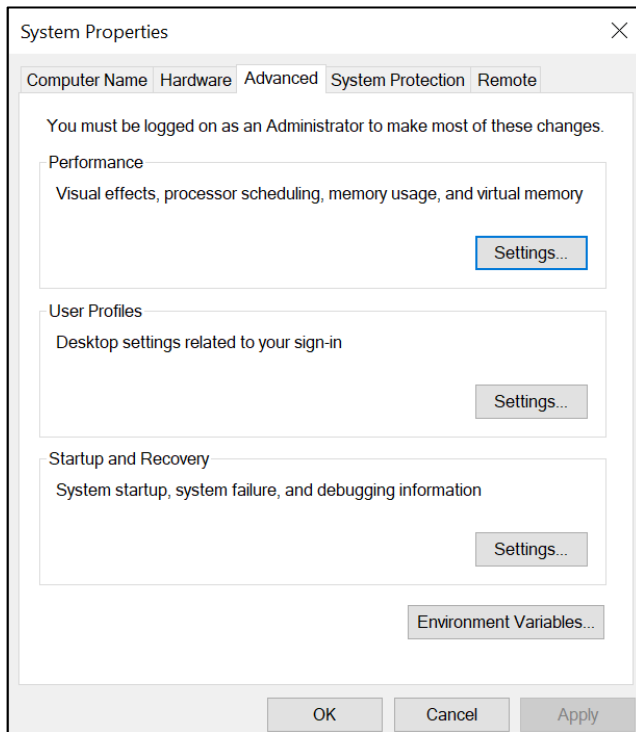

2. On **System and Security** settings, click **System**.

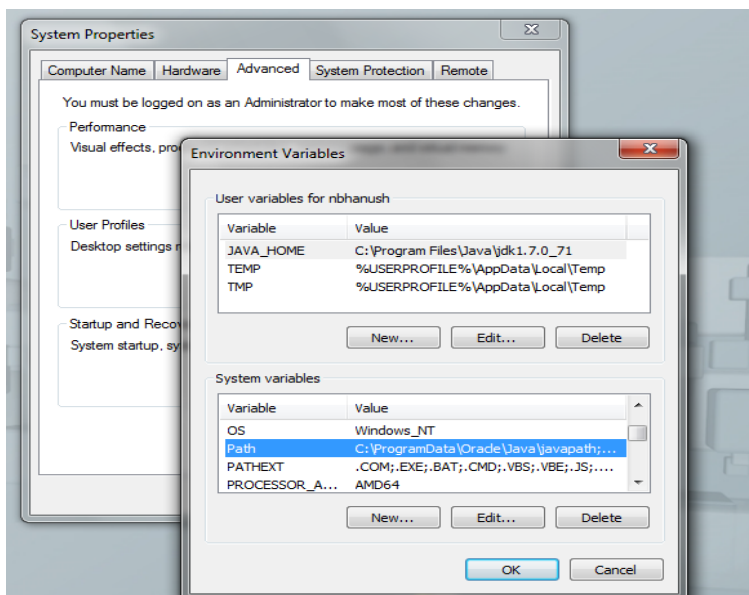   → The **System** pop-up window is displayed.

3. On **System** settings, click **Advanced system settings**.

→ The **System Properties** pop-up window is displayed.

4. On **System Properties** pop-up window, click **Environment Variables**.

→ The **Environment Variables** pop-up window is displayed.

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5. On **Environment Variables** pop-up window, Select **Path** under **System variables**, and click **Edit**. Add Python installation path in path variable.

   For example: *C:\Users\xxxx\AppData\Local\Programs\Python\PythonXX*
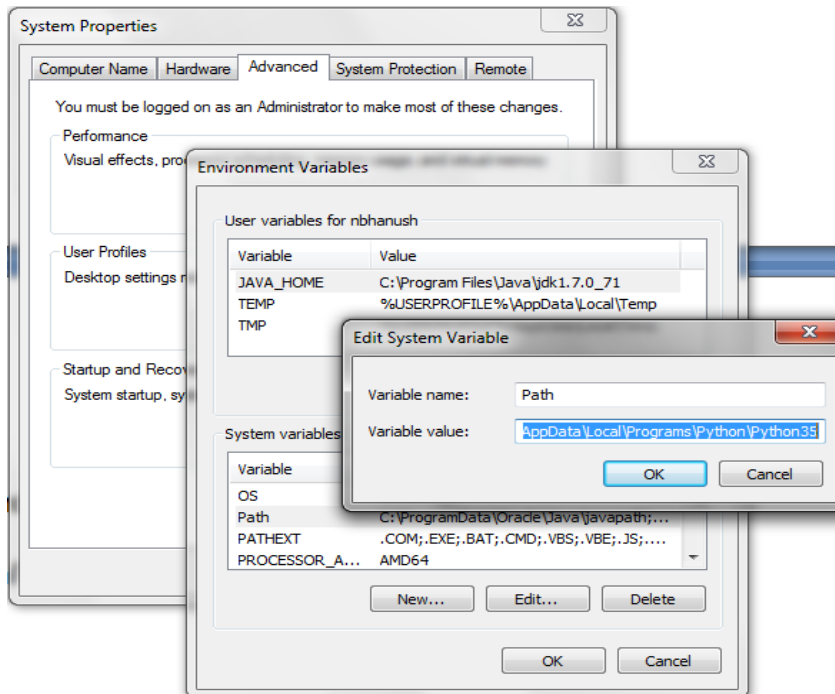
6. Click **OK** on the pop-up windows to save the path.

Follow the below steps to host the REST API locally:

NOTE: REST API needs an HTTP Server to render itself. You can run a standalone HTTP Server using Python.

7. Assuming the REST API is deployed on a Windows machine in the following path - D:\OBSCF\ **swaggerUI**, run the following command to start a HTTP Server using python. 8888 is the port for HTTP server listens.

    NOTE: The contents of the folder is shown in the below figure.
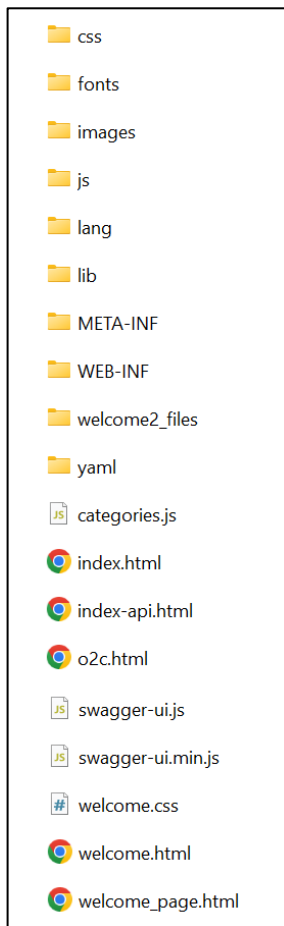
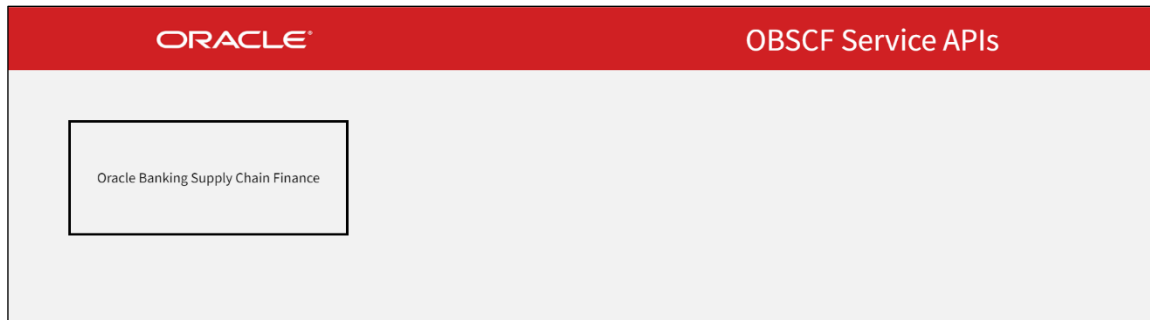8. Open **Command Prompt**, and execute the following commands:

    cd <enter the path where SwaggerUI is deployed> (Ex: cd D:\OBSCF\swaggerUI)

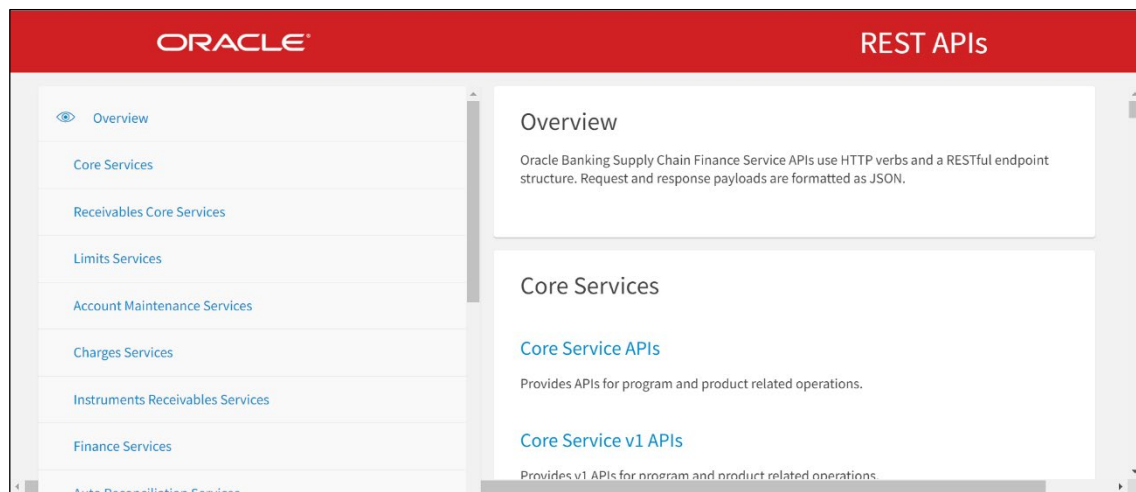   *python -m SimpleHTTPServer 8888* (if Python version is older than Python 3)

   *python -m http.server 8888 (if Python version is Python 3)*

9. Go to URL http://localhost:8888/swaggerUI/welcome_page.html to access the Swagger UI. The following home screen appears:

10. Click **Oracle Banking Supply Chain Finance** product name to view the product landing page for REST APIs.

11. Click on the required services on the left panel, and then click on the required services in the right panel to get the required API. A sample screenshot is shown below:
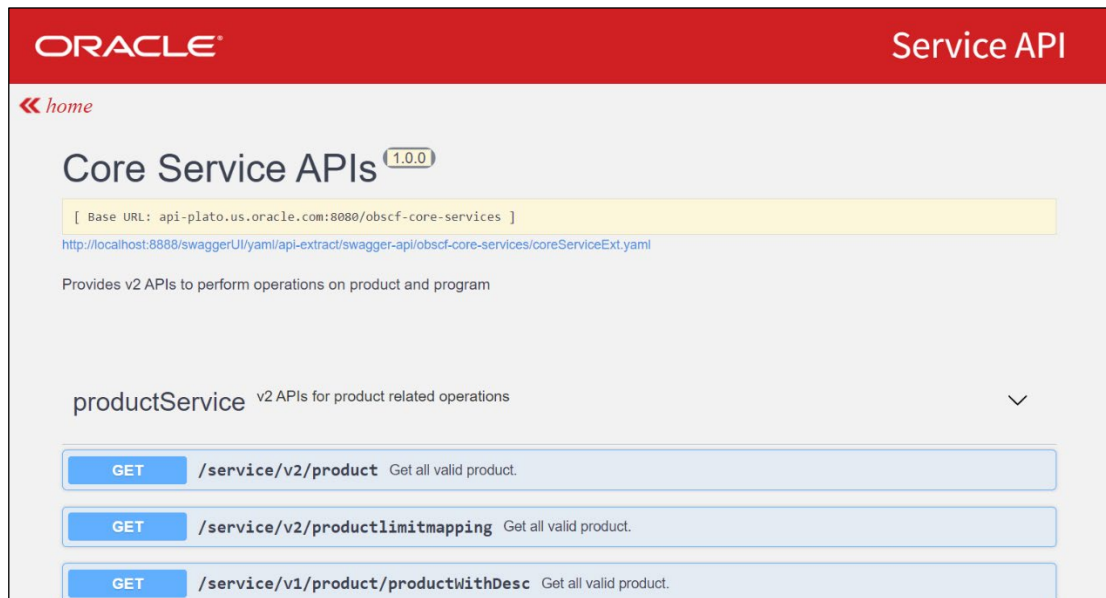
12. Make changes to the html file if the IP address and port numbers are to be changed.