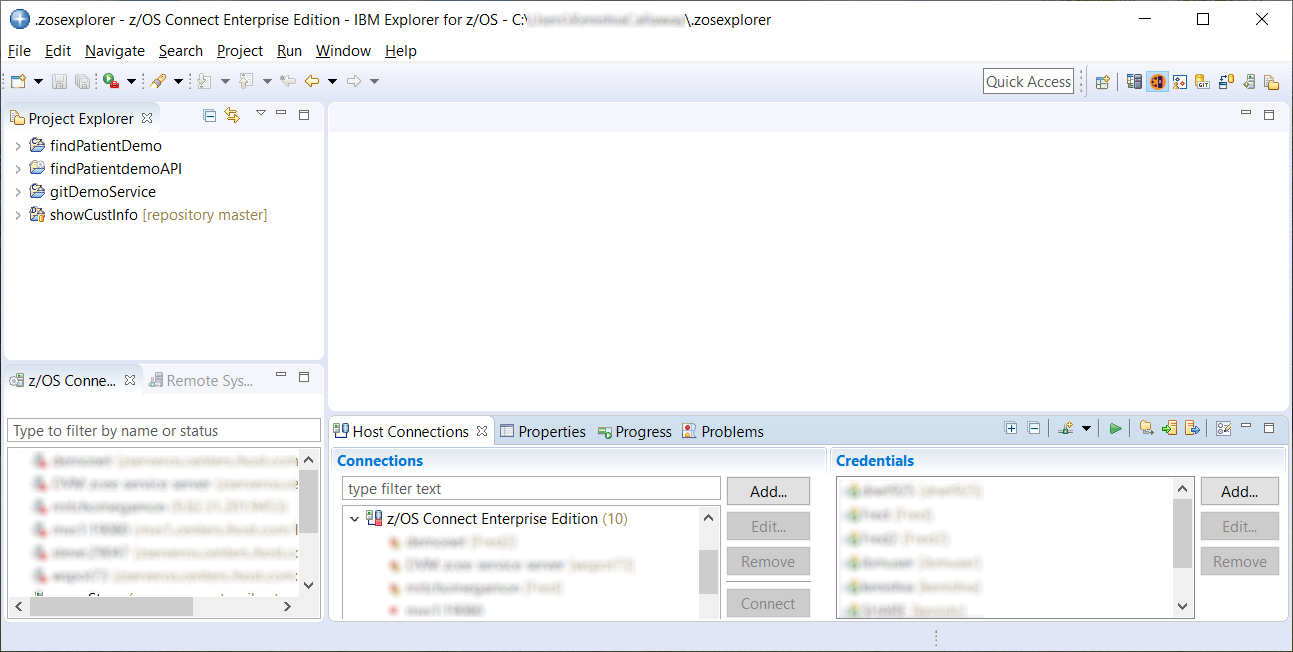
The z/OS Connect EE Perspective

# Section 1: Opening the Perspective

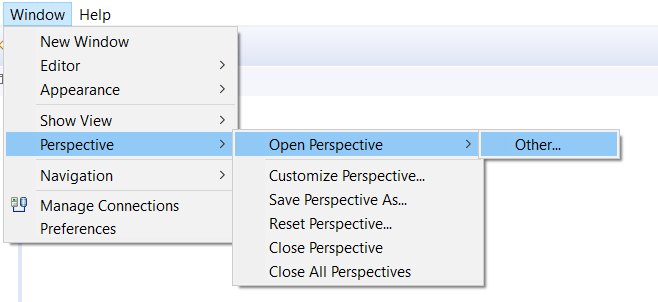
**Option 1)**

Click the “orange ball” icon near the top left of the main screen.

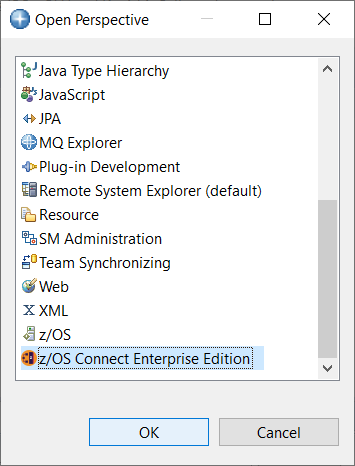
*Hint: If you hover over the icon, the words “z/OS Connect Enterprise Edition” will appear*

**Option 2)**

If you do not see the orange ball, click **Window** -> **Perspective** ->**Other**



In the popup window, scroll to **z/OS Connect Enterprise Edition**, click to select it and then click **OK**

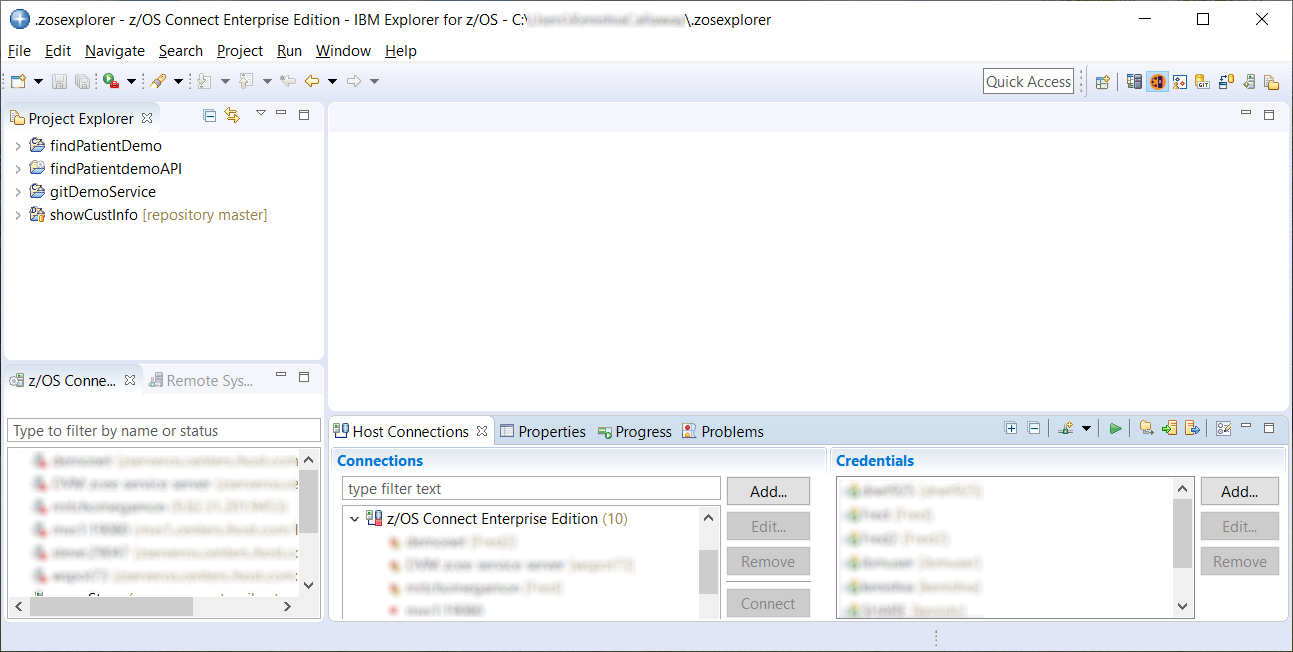


# Section 2: The Default Perspective Appearance

Below is a picture of the default composition of the z/OS Connect EE Perspective

*-Each view (tab) within the perspective can be minimized, closed and/or moved as needed.*

*-To return to the default after making changes, click Window -> Perspective -> Reset Perspective*



**3**

**2**

**1**

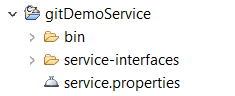
**7**

**4**

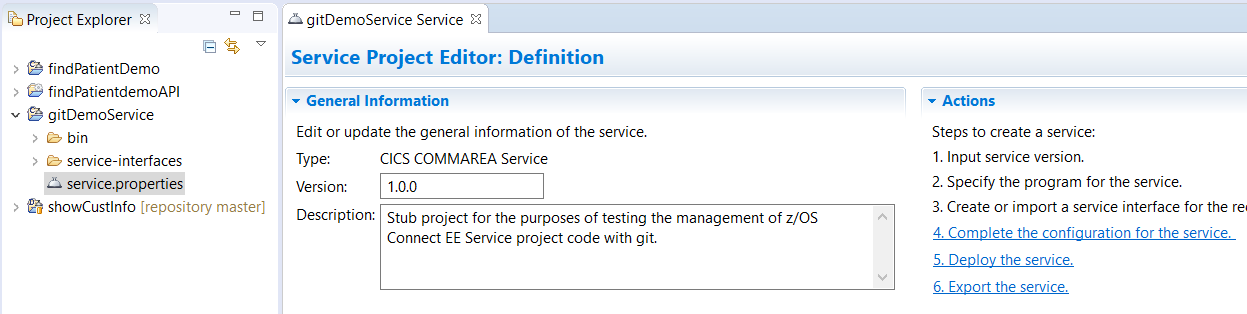
**6**

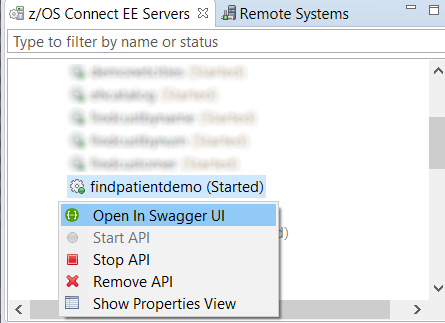
**5**

1. **Shortcuts**
   1. This is a pictoral menu of perspectives. It does not show all perspectives that are available.
   2. To open a perspective that is not appearing as a shortcut, click the  icon and a pop-up menu will appear.
2. **Toolbar**
   1. Quick way to launch some menu options
   2. The left most icon  opens the pop-up menu to create a new project.
3. **Project Explorer**
   1. This is a list of Service and API Projects that have either been created or imported into the toolkit.
   2. When a project is created, it will appear in this section.
   3. Projects are organized as folders with subfolders for some elements



* 1. To open a Service for editing, double-click on the service.properties file inside the project folder.
  2. To open an API for editing, double-click on the package.xml file inside the project folder.
  3. To **deploy** a Service or API, right click on the project folder and choose z/OS Connect EE -> Deploy

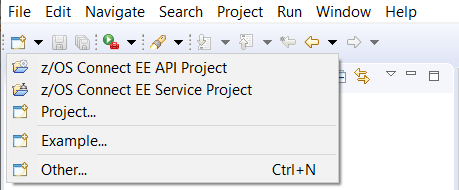
1. **Service/API Editor View**
   1. When a Service or API configuration file is opened, the contents appear in this section
   2. If any changes have been made, an asterisk (\*) will appear in the tab, indicating that the project needs to be saved.
2. **z/OS Connect EE Servers**
   1. If you have configured access to a z/OS Connect EE server, then the server will appear in this section.
   2. This view allows connected users to view Services and APIs that have been deployed on the server
   3. Those with proper access rights (maintained by the z/OS Connect EE Administrator) will be able to start, stop, remove Services and APIs in this view.
   4. This view also provides access to the SwaggerUI testing tool



1. **Host Connections, etc**
   1. Host Connections – list of all the server connections available through the tool
      1. Connections are categorized by system/subsystem (ex: z/OS Connect Enterprise Edition)
      2. A host connection must be made to a server before it will appear in the z/OS Connect Servers view
   2. Properties – more information about a selected element
      1. Properties data is available for Projects, Services and APIs
      2. Data for Services and APIs includes the urls for invoking them
   3. Progress – displays operations data
   4. Problems – displays problem/error messages and details
      1. Good source of information if a project fails to save or deploy
2. **Credentials**
   1. Holds credentials used to access the resources listed in Host Connections (such as User ID and optionally password)

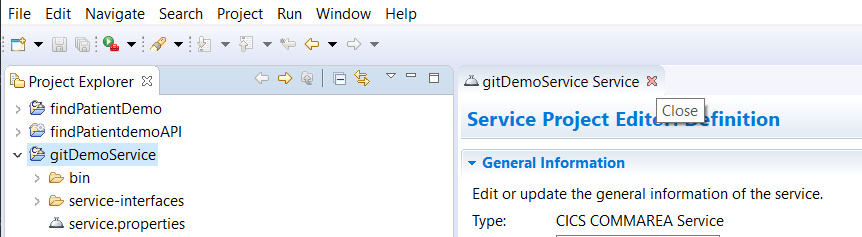
# Section 3: Some Basic Tasks

1. **Creating a New Service or API**
   1. Locate the left-most icon on the toolbar above Project Explorer 
   2. Click the arrow within the icon to display a pop-up menu

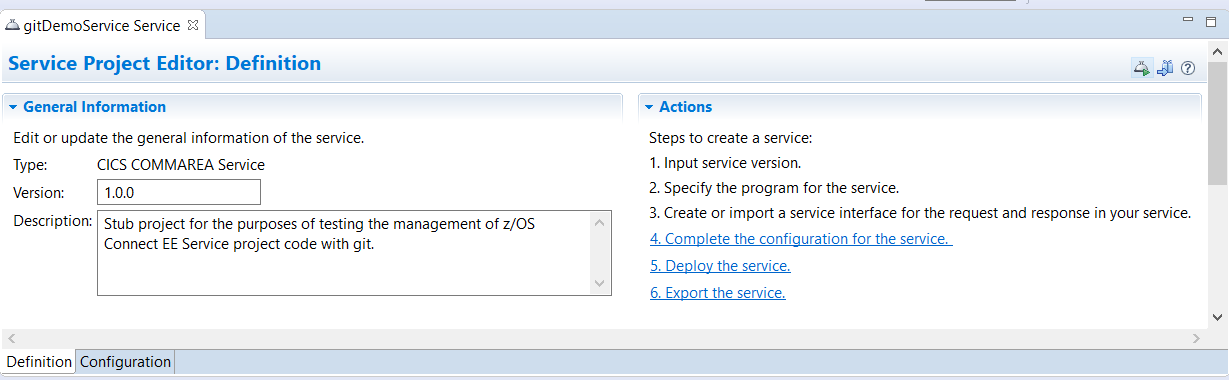


* 1. Choose the action you would like to take

1. **Opening an Existing Service or API**
   1. For a service, double-click the project name in the Project Explorer -> then double-click the service.properties file. The Service Project Editor will open.
   2. For an API, double-click the project name in the Project Explorer -> then double-click the package.xml file. The API Editor will open
2. **Saving a Service or API**
   1. Option 1: Click the  icon in the toolbar above Project Explorer
   2. Option 2: Hit Ctrl+S
3. **Closing a Service or API**
   1. Click the x in the top corner of the Service Project Editor tab or the API Editor Tab



1. **Deploying a Service**



**b**

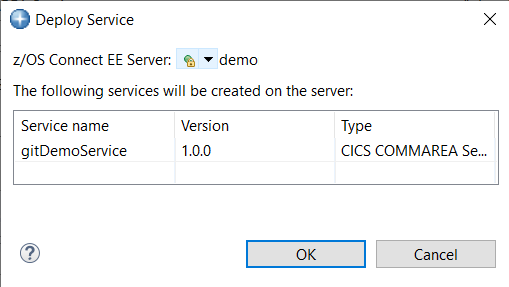
**a**

**Option 1**: If the Service Project Editor is Open, click item #**5** (Deploy the service) that appears on the right Actions menu of the Definition Screen (pictured above labeled “a”). Follow the steps below in Sections 1 and 2.

**Option 2**: Alternatively, if the Service Project Editor is open, click the Deploy Service icon  in the top right corner of the Service Project Editor view (pictured above labeled “b”). . Follow the steps below in Sections 1 and 2.

**Option 3**: If the Service Project Editor is not open, right click on the project folder in the Project Explorer view, click **z/OS Connect EE -> Deploy Service to z/OS Connect EE Server.** Follow the steps below in Sections 1 and 2.

* 1. A pop-up window will appear



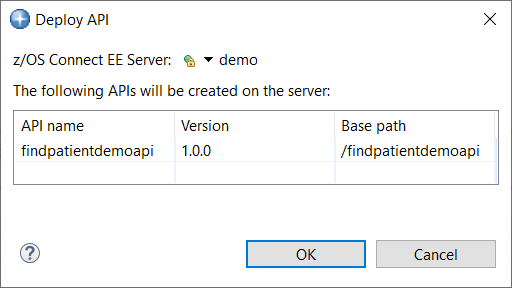
* 1. If the server being displayed is not the server you want to use, click the down arrow, and a list of servers will appear. Remember, this list is based on the Host Connections.
     1. If your popup window has this message: , click the  (not the arrow) next to the server name and the server will connect.
     2. Once your server is chosen and connected, click OK.

1. **Deploying an API**

**Option 1:** If the API Editor is open, click the deploy icon  near the top right corner of the editor view. Then follow steps 1 and 2 below.

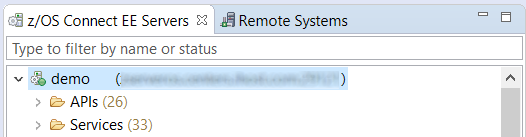
**Option 2:** If the API Editor is not open, right click on the project folder in the Project Explorer view, click **z/OS Connect EE -> Deploy API to z/OS Connect EE Server.**

* 1. A pop-up window will appear



* 1. If the server being displayed is not the server you want to use, click the down arrow, and a list of servers will appear. Remember, this list is based on the Host Connections.
     1. If your popup window has this message: , click the  (not the arrow) next to the server name and the server will connect.
     2. Once your server is chosen and connected, click OK.

1. **Listing Services/APIs**
   1. Use the z/OS Connect EE Servers view in the bottom left of the screen to list Services and APIs



* 1. Services and APIs appear under each server on which they are deployed
  2. Click the twisty next to the Services or APIs folder to view the contents

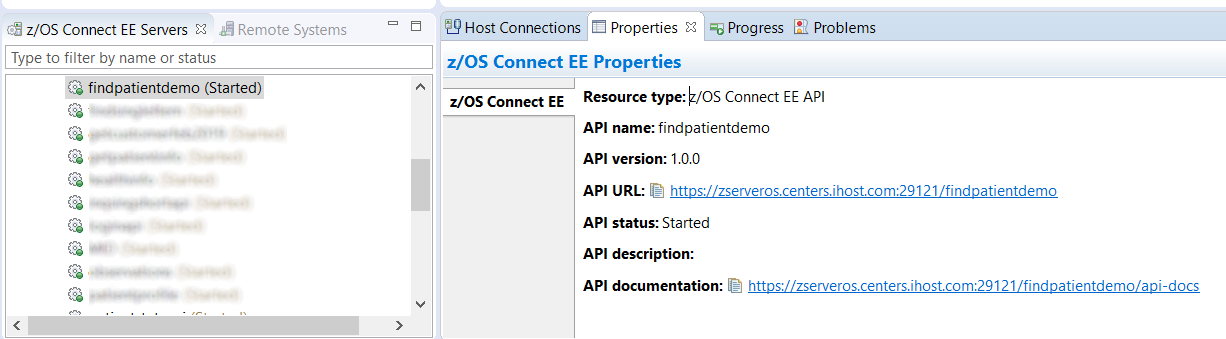
1. **Testing an API**

**Option 1 – Using the Eclipse tooling**

* 1. In z/OS Connect EE Servers view, click the twisty next to APIs
  2. Right click the name of the API you would like to test
  3. Choose **Open in Swagger UI.** A new window will open with the Swagger UI tool.
  4. In Swagger UI, Provide the appropriate credentials and test values and click **Try it out**

**Option 2 – Using external tooling**

* 1. In z/OS Connect EE Servers view, click the twisty next to APIs
  2. Click the name of the API you would like to test
  3. To the right of the Servers view, click the “Properties” tab to bring it into view



* 1. Click the “copy” icon next to the API URL.
  2. Use that url in the tool of your choice.