



Lab 17314

IBM PD Tools Hands-On Lab: Dive into Increased Programmer Productivity

Setup for Labs on the zServerOS Demo System

Do this first!

Complete the instructions in this document before starting the hands-on lab exercises for File Manager, Fault Analyzer, APA or Debug Tool.

For all labs:

z/OS User ID: **ADTU**_____

Password: _____

For Fault Analyzer labs:

Fault History File: **FAULTANL.V13R1.HIST**

Fault ID (of an exampleabend): **F01866**

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Complete the instructions in this document before starting the hands-on lab exercises for File Manager, Fault Analyzer or Debug Tool.

Lab Requirements

This Proof of Technology is delivered via a VMWare image configured with the PD Tools Explorer and the relevant plug-ins.

The VMWare image is set up to be used with the zServerOS demo system.

Part 1: Starting the eclipse workbench (PD Tools Studio)

Introduction to the PD Tools Studio

The graphical user interface (GUI) for IBM File Manager is designed to run under a workstation development platform called eclipse. To use the File Manager GUI, first you need to have an eclipse platform installed on your workstation, and then you need to have the File Manager plug-in installed into it.

IBM provides several eclipse platforms that can be used to run the File Manager plug-in, including Rational Developer for System z (RDz), the PD Tools Studio, z/OS Explorer, CICS Explorer, and others.

This workstation image has the PD Tools Studio installed, and you will open it to access the PD Tools including File Manager, Fault Analyzer and Debug Tool.

Instructions:

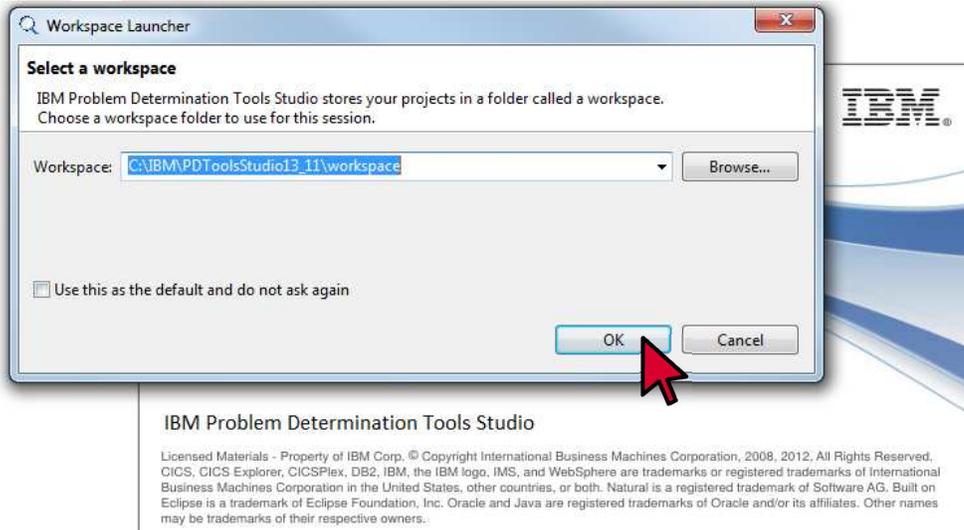
1. Start the PD Tools Studio:
 - a. Double-click the icon for the PD Tools studio on the desktop:



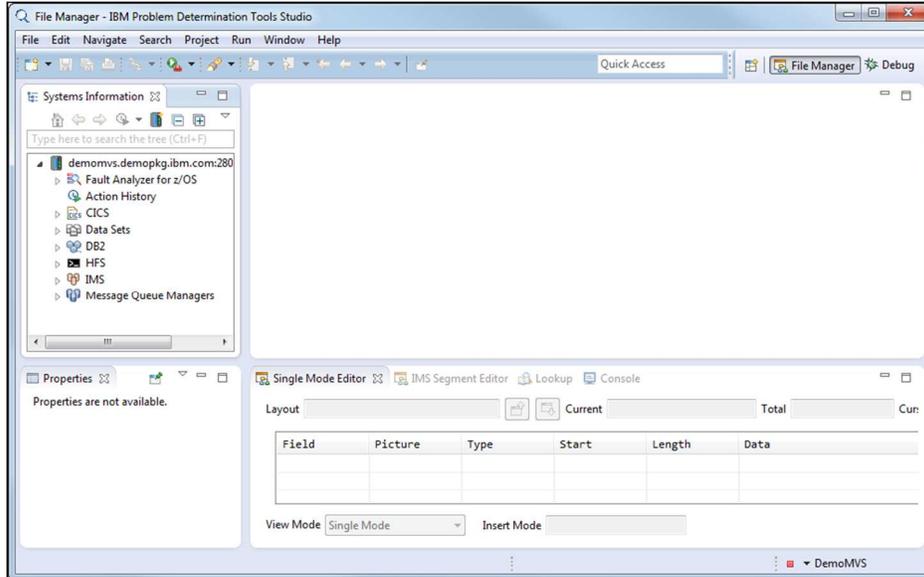


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- b. The PD Tools Studio starts.
 - i. The ‘Select a workspace’ prompt is displayed.
 - Use the default workspace location and name.
 - Note: The workspace is where eclipse settings, plug-in options, selections and other things are stored.
 - ii. Click **OK**.



2. The PD Tools Studio is displayed.



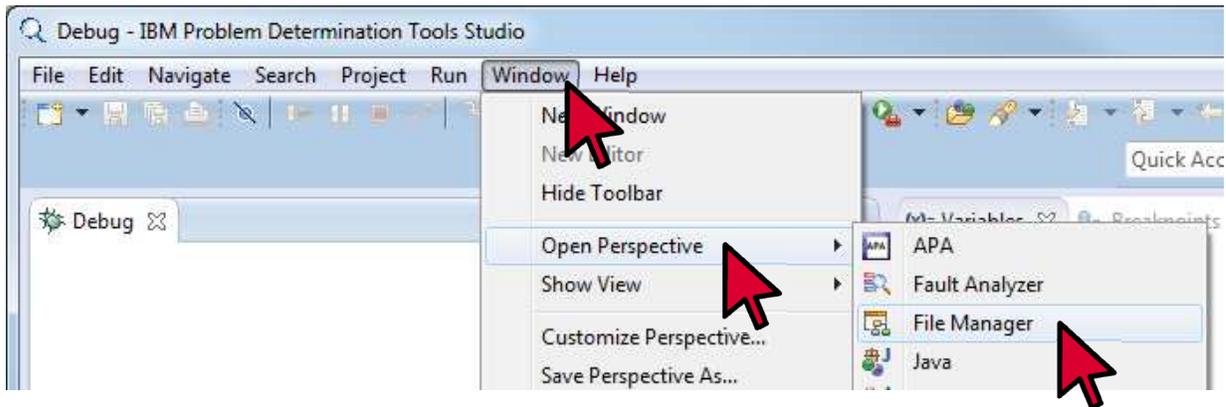
Part 2: Opening the Host Connections view, and defining a credential for the zServerOS demo system

1. Open the File Manager perspective:

a. From the menu bar near the top of the eclipse workbench, select **Window** > **Open Perspective** > **File Manager**.

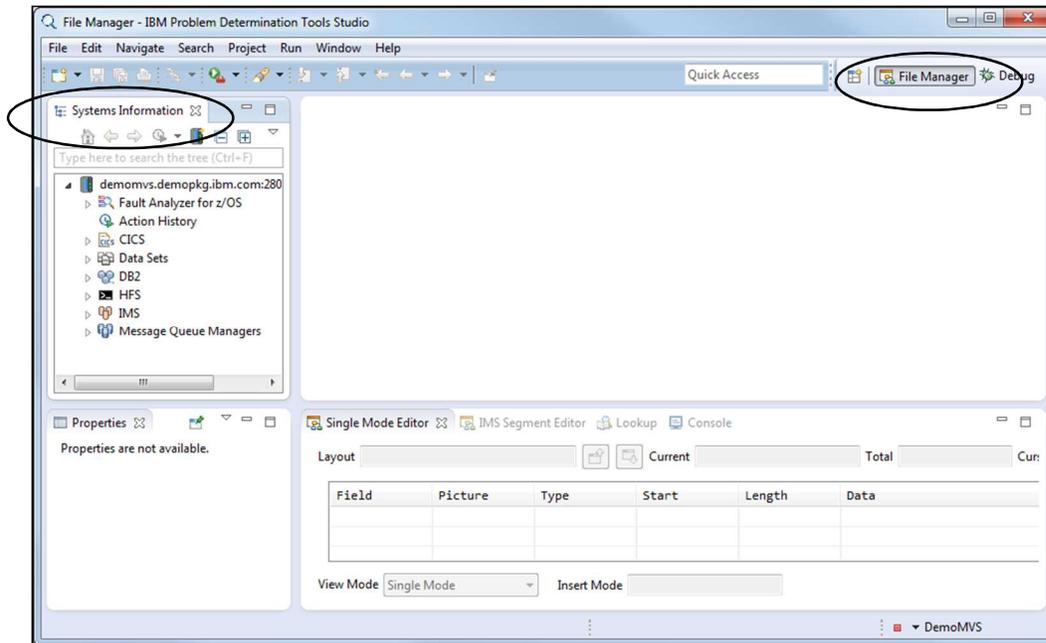
- Note:

- If 'File Manager' isn't shown as a selection, then the File Manager perspective may already be open, and you can proceed to the next step.



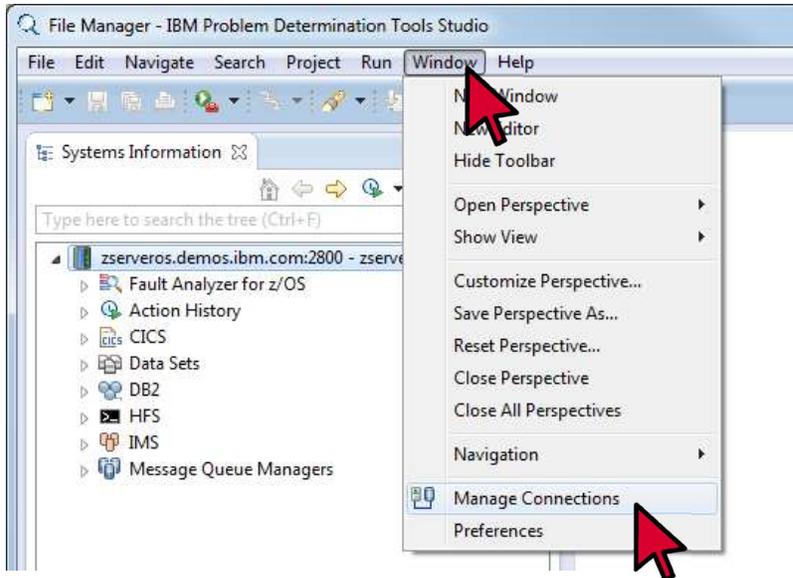
b. The File Manager perspective is displayed. By default, the Systems Information view is displayed in the upper left.

- Note that the default contents of the Systems Information view may be different or even blank on your system.

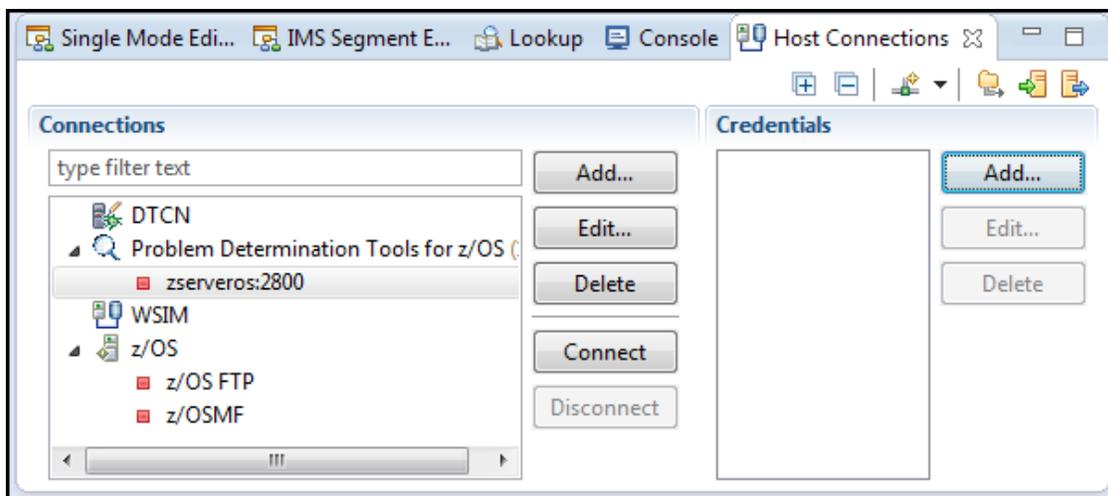


2. Open the Host Connections view:

a. Select from the menu: **Window** > **Manage Connections**

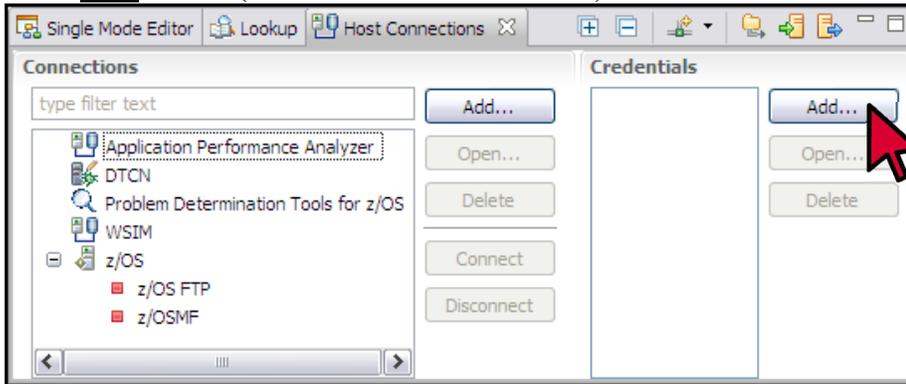


b. The 'Host connections' view is displayed.

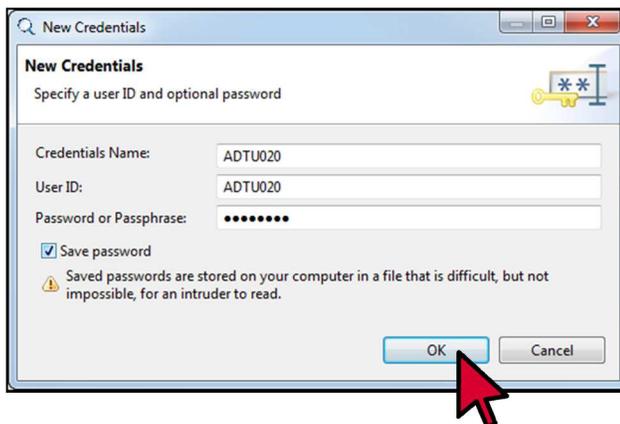


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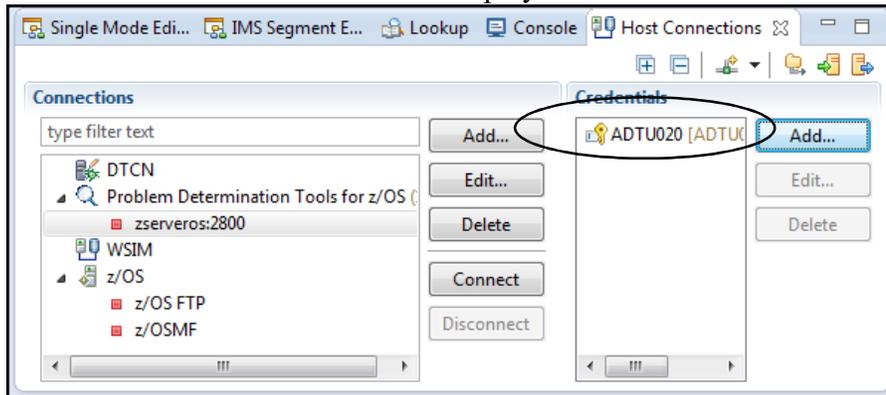
3. Note: In the next steps, you will define a ‘credential’ for the z/OS host system.
 - A credential contains your User ID for a specific z/OS system, and optionally a password or passphrase.
4. In the Host Connections view:
 - a. Click the **Add** button (the one under ‘Credentials’)



- b. A “New Credentials” dialog is displayed.
 - Enter your assigned User ID in the **User ID** field.
 - This is your User ID on the z/OS system.
 - Notice that the **Credentials Name** field, by default, takes the same value as the User ID. Use the default value.
 - Enter the **Password** that you were given for your assigned User ID.
 - Select (click) the **Save password** box:
 - Click **OK**

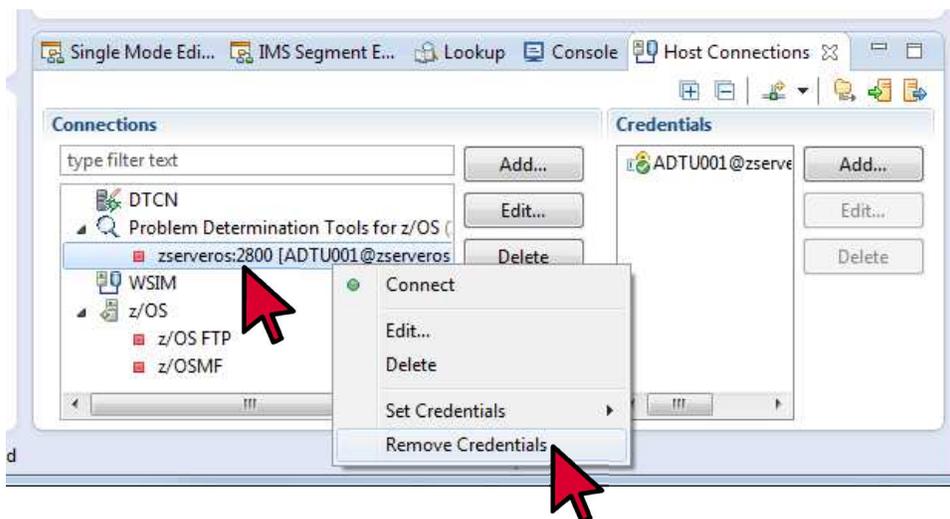


- The new credential is added and is displayed in the Credentials list



Part 3: Connecting to the zServerOS demo system

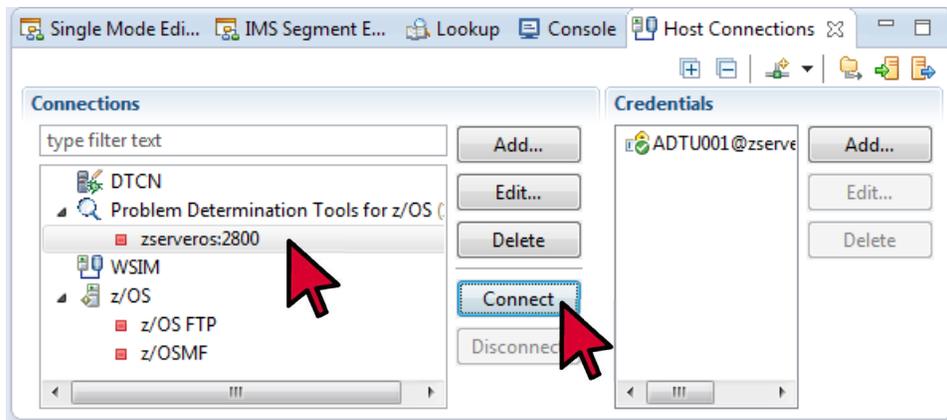
- Note: A connection definition for the zServerOS system has already been defined on the lab workstations.
 - A PD Tools connection definition contains the network IP address of the z/OS host system, and IP listener port of the PD Tools listener on z/OS.
- In the Host Connections view:
 - Under 'Problem Determination Tools for z/OS', right-click the **zserveros** entry, then select **Remove Credentials** (if 'Remove Credentials' is a selection for you). If 'Remove Credentials' is not displayed as a selection, then just continue with the next step.
 - Note: This step is being done just in case someone else was used this workstation before you and connected with a different User ID.





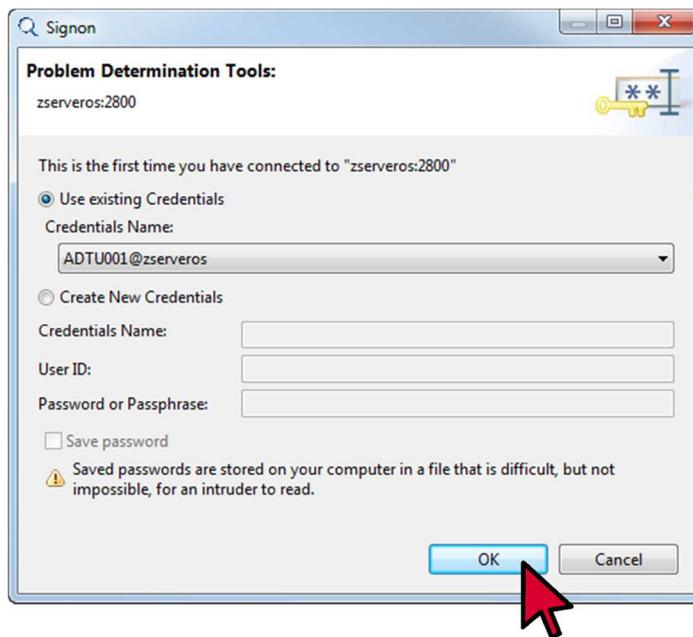
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- b. Select (click) the **zserveros** entry under ‘Problem Determination Tools for z/OS’, then click the **Connect** button..



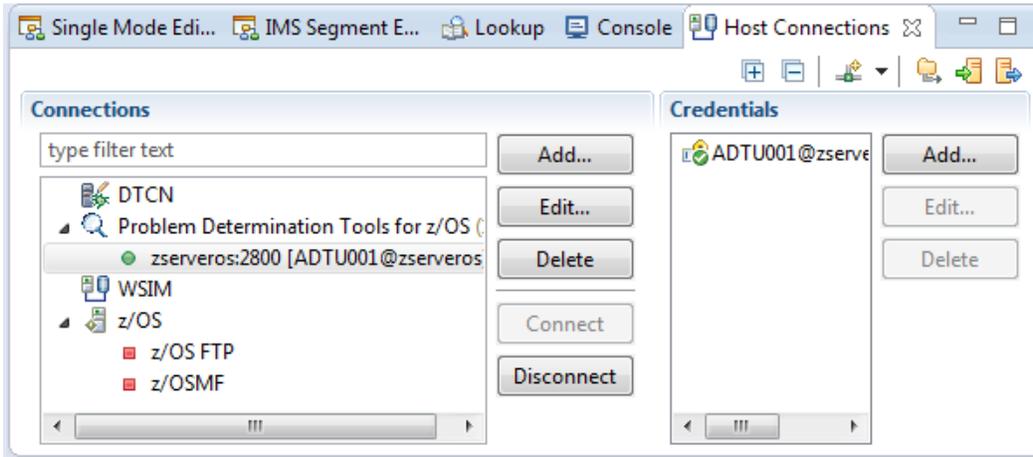
7. A ‘Signon’ dialog is displayed.

- Select **Use existing Credentials**
- Select the credential that you defined in the previous steps.
- Click **OK**.



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8. The zserveros entry in the ‘Connections’ list under ‘Problem Determination Tools for z/OS’. It should have a green circle next to it to indicate that it is connected.
 - a. If it did not connect, check your connection and credential definitions and ensure that they are specified correctly.
 - If you cannot get it to connect, please ask for assistance.



9. Now that you have a connection with the zServerOS demo z/OS system, you are ready to do the lab exercises for File Manager, Debug Tool and Fault Analyzer.