

# IBM Problem Determination Tools for z/OS plug-ins Combined Packages (P2) README

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## Overview

The IBM Problem Determination Tools plug-ins combined packages contain all of the individual product plug-ins in a single downloadable zip file. These single all-inclusive zip files make the initial installation and follow-on maintenance and functional updates easier than the previous individual product plug-in packages.

## Hardware Requirements

The following minimum hardware levels are required:

- CPU - 1 GHz or faster 32-bit (x86) or 64-bit (x64) processor, dual or quad core recommended
- RAM - 2.0 GB minimum, 3.0 GB recommended
- Hard disk - at least 500 MB available space

## Supported Platforms

One of the following levels of the Microsoft Windows operating system:

- Microsoft Windows XP 32-bit
- Microsoft Windows Vista 32-bit
- Microsoft Windows 7 32-bit
- Microsoft Windows 7 64-bit
- Microsoft Windows Server 2008 32-bit

## Software Requirements

One of the following Eclipse-based platforms:

- IBM CICS Explorer (for Windows) V5.1.1, or later
- Eclipse 4.2.2, or later (with CICS Explorer SDK V5.1.1.0, or later)

**NOTE:** We recommend and support installation of the Problem Determination Tools plug-ins into either IBM Explorer for z/OS, CICS Explorer, or IMS Explorer. At your own risk, you can install the Problem Determination Tools plug-ins into an Eclipse 4.2.2, or later environment, as long as you also install [CICS Explorer SDK V5.1.1.0](#), or later.

Any combination of one or more of the following IBM Problem Determination Tools for z/OS products:

- IBM Application Performance Analyzer for z/OS V12.1, or later
- IBM Debug Tool for z/OS V13.1, or later
- IBM Fault Analyzer for z/OS, V13.1, or later
- IBM File Manager for z/OS V13.1, or later
- IBM Workload Simulator for z/OS & OS/390 V1.1, or later

## Restrictions

IBM Application Performance Analyzer for z/OS plug-in does not install successfully into IBM IMS Enterprise Suite Explorer for Development.

## Preparing to install IBM Problem Determination Tools plug-ins Combined Packages

It is highly recommended that you uninstall any pre-existing Problem Determination Tools plug-ins from your Eclipse environment. To check what software is installed and to uninstall:

1. Click **Help > About IBM CICS Explorer** or **Help > About IMS Enterprise Suite Explorer**
2. Click **Installation Details**
3. Review the list of Installed Software and click **Uninstall...**

## Installing IBM Problem Determination Tools plug-ins Combined Packages

Download and extract the zip file ( `PD_Tools_plugins_combined_P2_v xxxxxx .zip` ) for a local install. To install Problem Determination Tools plug-ins Combined Packages:

1. Start CICS Explorer
2. Click **Help > Install New Software...**
3. In Install click **Add...**
4. Click **Local...**
5. Browse to and select the directory with the unzipped PDTools plugins
6. In Install, you have the choice of selecting one or more individual plug-ins, or, selecting all of them. We recommend that you select all of them by clicking **Select All** . If, instead, you prefer to select individual plug-ins, the **Problem Determination Tools Common Component** must also be selected for installation. Note the [restriction](#) if installing into IBM IMS Enterprise Suite Explorer for Development.
7. If you are installing Application Performance Analyzer, please see the installation notes below before proceeding.
8. In Install Details, Click **Next**
9. Review each of the License agreements, "I accept the terms of the license agreements", must be selected to continue, then click **Finish**
10. The Installing Software dialog will appear
11. If a "Security Warning" dialog appears, Click **OK**
12. When the "Software Updates" dialog appears, Click **Yes** , to restart IBM CICS Explorer, to start using the PDtools plugins.
13. When CICS Explorer has restarted, If IBM Problem Determination Tools Studio Branding was installed, the Welcome page will contain new content related to the PDTools plugins. Clicking one of the entries will display more information about the respective plugin.

## Installation Notes for Application Performance Analyzer users:

1. This package contains both the Application Performance Analyzer Version 12 plug-ins and the Application Performance Analyzer Version 13 plug-ins.
2. Application Performance Analyzer for z/OS Version 12 requires the Application Performance Analyzer version 12 plug-ins. It is not forward compatible.
3. Application Performance Analyzer for z/OS Version 13 requires the Application Performance Analyzer version 13 plug-ins. It is not backward compatible.
4. Only one version of the APA plug-ins can be installed at once, not both.
5. By default the **Available Software** window will have the option **Show only the latest version of available software** checked, and only the Application Performance Analyzer Version 13 plug-ins are displayed when the **Application Performance Analyzer plug-in** category is expanded.

6. If you wish to install the Application Performance Analyzer Version 13 plug-ins, continue with the installation instructions at Step 8) above.
7. If you wish to install the Application Performance Analyzer Version 12 plug-ins, you must:
  1. Uncheck "Show only the latest versions of available software"
  2. Expand the "Application Performance Analyzer plug-in" category
  3. Select the v12.1.x Application Performance Analyzer plug-ins.
  4. Continue with the installation instructions at Step 8) above.

## Getting Started With IBM Problem Determination Tools plug-ins Combined Packages

After installing the plug-ins, follow the steps below for the plug-in(s) you are using:

- Application Performance Analyzer Plug-in Version 12
  1. There is some connections/credentials setup that is unique to Application Performance Analyzer that must be performed. Please refer to the **APA Bridge for CICS Explorer User Guide** for details on how to configure credentials and connections for Application Performance Analyzer and how to connect to Application Performance Analyzer on z/OS. Once the connection is established, the Select STC dialog is displayed in which a default startup APA Started Task (STC) must be selected. A list of active APA Started Tasks (STC's) is displayed. The default STC is the started task which will be selected at the startup of Application Performance Analyzer. The Default STC is displayed for the first successful login only, then saved as a preference that can be changed from the "Set as Default STC" context menu item of the STC List view
  2. To access Application Performance Analyzer, click **Window > Open perspective > Other...** . Select **APA** and click **OK** .
  3. Find more information, click **Help > Help Contents** . Follow the instructions in the **IBM Application Performance Analyzer User Guide** section for details on getting started using Application Performance Analyzer.
- Application Performance Analyzer Plug-in Version 13
  1. Application Performance Analyzer Plug-in Version 13 uses the Problem Determination Tools Common Component for z/OS to connect with Application Performance Analyzer for z/OS Version 13, through the Problem Determination Tools Common Server on z/OS.
  2. Click **Help > Help Contents**. Follow the instructions in the **IBM Problem Determination Tools for z/OS Common Component** for details on establishing a Problem Determination Tools for z/OS connection.
  3. To access Application Performance Analyzer, click **Window > Open perspective > Other ....** Select **APA** and click **OK**.
  4. Once the connection is established and the Application Performance Analyzer perspective is open, the default startup Application Performance Analyzer Started Task (STC) must be selected. A list of active Started Tasks (STC's) is displayed in the STC View window. By default, the first STC in the list is selected. The default STC is the started task which will be selected at the startup of Application Performance Analyzer Plug-in. To change the default STC, highlight the STC in the STC View window and select **Set as Default STC** from the context menu.
  5. For more information, click **Help > Help Contents**. Follow the instructions in the **IBM Application Performance Analyzer User Guide** section for details on getting started using Application Performance Analyzer.
- Debug Tool Plug-in
  1. Establish a connection between the DTCN Profiles view for CICS and your z/OS system by following the steps described in [DTCN tips](#) .
  2. To access Debug Tool, click **Window > Open perspective > Other...** . Select **Debug** and click **OK** .
  3. Find more information, click **Help > Help Contents** . Follow the instructions in the **Compiled language debugger** section for details on getting started using Debug Tool to debug your application
- Fault Analyzer Plug-in
  1. To access Fault Analyzer, click **Window > Open perspective > Other...** . Select **Fault Analyzer** and click **OK** .
  2. Find more information, click **Help > Help Contents** . Follow the instructions in the **Fault Analyzer for Eclipse** section for details on getting started using Fault Analyzer
- File Manager Plug-in
  1. To access File Manager, click **Window > Open perspective > Other...** . Select **File Manager** and click **OK** .
  2. Find more information, click **Help > Help Contents** . Follow the instructions in the **IBM File Manager User Guide** section for details on getting started using File Manager
- Workload Simulator Plug-in
  1. To access Workload Simulator, click **Window > Open perspective > Other...** . Select **WSim Explorer** and click **OK** .
  2. Find more information, click **Help > Help Contents** . Follow the instructions in the **Using the Workload**

**Simulator plug-in for Eclipse** section for details on getting started using Workload Simulator.

## Updating IBM Problem Determination Tools plug-ins Combined Packages

Download the zip file ( `PD_Tools_plugins_combined_P2_v xxxxxx .zip` ) for a local update. To add either source to the Available Software Sites:

1. Click **Window > Preferences**
2. In Preferences expand **Install/Update**
3. Click **Available Software Sites**
4. Click **Add...**
5. Click **Archive...** and specify the zip file ( `PD_Tools_plugins_combined_P2_v xxxxxx .zip` ) for a local update, then click **OK**
6. Click **OK** to go back to Preferences
7. In Preferences click **OK** to close Preferences

To update the Problem Determination Tools plug-ins Combined Packages:

1. Click **Help > Check for Updates**
2. If there are any updates found, Available Updates will appear, click **Select All**
3. Click **Next**
4. In Install Details click **Next**
5. Review and accept the terms in the license agreement, and then click **Finish**
6. If the Security Warning dialog appears click **OK**
7. Click **Restart Now** to successfully complete the update

## Technical support

These IBM Problem Determination Tools plug-ins are available at no charge to all licensed users of any of the following five IBM Problem Determination Tools for z/OS products:

1. IBM Application Performance Analyzer for z/OS V13.1, or later
2. IBM Debug Tool for z/OS V13.1, or later
3. IBM Fault Analyzer for z/OS, V13.1, or later
4. IBM File Manager for z/OS V13.1, or later
5. IBM Workload Simulator for z/OS & OS/390 V1.1, or later

These IBM Problem Determination Tools plug-ins are supplied under the standard terms and conditions of the IBM International Program License Agreement (IPLA) and of the associated License Information and other documentation, and provides a defect correction entitlement for those licensed users entitled to service for any of the IBM Problem Determination Tools for z/OS products listed above. Service is available for these plug-ins for as long as the IBM Problem Determination Tools for z/OS product which the plug-ins are to be used with are generally supported by IBM. In addition, IBM reserves the right to discontinue service on these plug-ins when they are withdrawn from marketing by IBM. Please reference the IBM Problem Determination Tool for z/OS product that you are using as the entitled product when contacting IBM and requesting support for IBM Problem Determination Tools Studio.