

# z/OS 3.1 IBM Education Assistant

Solution Name: Incident Log PDUU HTTPS Support

Solution Element(s): Incident Log PDUU HTTPS Support

July 2023



# Agenda

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- Objectives
- Overview
- Usage & Invocation
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# Trademarks

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- See URL <http://www.ibm.com/legal/copytrade.shtml> for a list of trademarks.
- Additional Trademarks:
  - None

# Objectives

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- This initiative allow clients to send the diagnostic data to IBM through PDUU with HTTPS so that the transmission is more secured and compliant with their regulation requirements.

# Overview

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- Who (Audience)
  - z/OSMF Incident Log users
- What (Solution)
  - The z/OSMF Incident Log task is enhanced to support users to send diagnostic data to IBM by using PDUU with HTTPS.
- Wow (Benefit / Value, Need Addressed)
  - z/OSMF users can send data to IBM by using PDUU with HTTPS, it's more secure than regular FTP options.

# Usage & Invocation

1. When using PDUU with HTTPS, needs to specify a case number and check the "Identify the problem number as an IBM Case or PMR and verify the syntax" checkbox.

Incident Log

Incident Log > View Diagnostic Details > Send Diagnostic Data

Send Diagnostic Data

Welcome

Use this wizard to prepare and send diagnostic data to an FTP server. To begin, review the selected diagnostic data and enter a Case or Problem Number.

Incident Type	Description	Date and Time (GMT)
User Initiated	USER INITIATED	Nov 18, 2021, 1:57:05 AM

Data Type	Sysplex	System
SVC dump	PLEX1	SY1

\* Case or Problem number: TS123456789 ☒ Identify the problem number as an IBM Case or PMR and verify the syntax.

< Back Next > Finish Cancel

# Usage & Invocation

2. Select one server to send data. Four default PDUU with HTTPs servers were added to the FTP Servers table.

Incident Log

Incident Log ▸ View Diagnostic Details ▸ Send Diagnostic Data

Help

Send Diagnostic Data

✓ Welcome

📌 Select FTP Server

Specify Security Settings

Select FTP Profile

Define Job Settings

Review FTP Information

Select FTP Server

Select the FTP server to which you want to send the diagnostic data files.

Actions ▾

➦ No filter applied

Name Filter	Activity Filter	Host Filter	Path Name Filter	Port Number Filter	Description Filter	Transfer Method Filter	FTP Profile Filter
<input checked="" type="radio"/> IBM-ecurep-mvs-pduu-https		www.secure.ecurep.ibm.com	/toibm/mvs			PDUU with HTTPS	No Firewall or Prox
<input type="radio"/> IBM-ecurep-mvs-sftp		sftp.ecurep.ibm.com	/toibm/mvs			SFTP	No SSH Proxy Con
<input type="radio"/> IBM-ecurep-tivoli-pduu-https		www.secure.ecurep.ibm.com	/toibm/tivoli			PDUU with HTTPS	No Firewall or Prox
<input type="radio"/> IBM-ecurep-tivoli-sftp		sftp.ecurep.ibm.com	/toibm/tivoli			SFTP	No SSH Proxy Con
<input type="radio"/> IBM-testcase-mvs-pduu-https		testcase.boulder.ibm.com	/toibm/mvs			PDUU with HTTPS	No Firewall or Prox
<input type="radio"/> IBM-testcase-mvs-sftp		testcase.boulder.ibm.com	/toibm/mvs			SFTP	No SSH Proxy Con
<input type="radio"/> IBM-testcase-tivoli-pduu-https		testcase.boulder.ibm.com	/toibm/tivoli			PDUU with HTTPS	No Firewall or Prox
<input type="radio"/> IBM-testcase-tivoli-sftp		testcase.boulder.ibm.com	/toibm/tivoli			SFTP	No SSH Proxy Con

Total: 8 Selected: 1

Refresh

Last refresh: Feb 17, 2023, 2:49:25 PM local time (Feb 17, 2023, 6:49:25 AM GMT)

< Back

Next >

Finish

Cancel

# Usage & Invocation

3. The user can modify or add the PDUU with HTTPS servers.

Incident Log

Incident Log > View Diagnostic Details > Send Diagnostic Data > Modify

Help

**Modify IBM-ecurep-mvs-pduu-https**

\* FTP server name:  
IBM-ecurep-mvs-pduu-https

\* Host:  
www.secure.ecurep.ibm.com

\* Path name:  
/oibm/mvs

Port number (must be between: 1-65535):  
1

FTP or PDUU Profile:  
☒ Use the default profile. Currently, the default profile is No Firewall or Proxy(FTP).  
☐ Use the selected profile.  
Select...

☒ Use anonymous user ID and password.

Description:

Transfer method:  
☐ FTP  
☐ SFTP (openSSH based secure FTP)  
☒ z/OS Problem Documentation Upload Utility (Parallel FTP with optional encryption)

**z/OS Problem Documentation Upload Utility with HTTPS (PDUU with HTTPS)**

\* Work data set size (MB):  
100

\* Number of HTTPS sessions:  
3

CEEOPTS DD statement:

Https keyring: ⓘ

OK Cancel

1. Needs to specify the values of the “Work data set size” and “Number of HTTPS sessions”. Their default values are 100 and 3 respectively.
2. Can specify the CEEOPTS DD when sending data to ECuRep or testcase site.
3. Can set a default Https keyring for a server.



# Usage & Invocation

- Specify the user id, password and Https key ring. z/OSMF admin should be involved to configure the https key ring for PDUU with HTTPS.

The screenshot shows a web-based interface titled "Incident Log" with a sub-header "Send Diagnostic Data". On the left, a sidebar lists steps: "Welcome", "Select FTP Server", "Specify Security Settings" (highlighted), "Select FTP Profile", "Define Job Settings", and "Review FTP Information". The main area is titled "Specify Security Settings" and contains instructions: "If the FTP server requires logging in with a user ID and password, select *Specify a user ID and password* to enter these values. For transmissions to IBM, enter a cipher key to encrypt the data and add the key to the PMR so that IBM can decrypt it. For UNIX files, encryption and parallel FTP are not supported."

There are two radio buttons: "Use anonymous user ID and password" (unselected) and "Specify a user ID and password" (selected). Below the selected option are three input fields: "User ID:" with the value "ibmuser", "Password:" with masked characters "\*\*\*\*", and "Cipher key:" which is empty. Below these is a field for "Https key ring:" containing the value "\*AUTH\*/". At the bottom, there are four buttons: "< Back", "Next >", "Finish", and "Cancel".

# Usage & Invocation

5. If you need to configure proxy when using PDUU with HTTPs in z/OSMF Incident Log. You can do it on the “Add FTP or PDUU Profile” panel. Please refer to example 10 and example 11 in [z/OSMF online help](#) for more details.

The screenshot shows a web-based dialog box titled "Add FTP or PDUU Profile" within the "Incident Log" application. The breadcrumb trail at the top reads: "Incident Log > View Diagnostic Details > Send Diagnostic Data > Select FTP or PDUU Profile > Add". A "Help" link is visible in the top right corner. The form contains the following fields and controls:

- Profile name:** A text input field containing "PDUU-with-HTTPs".
- Profile type:** Three radio buttons labeled "FTP", "SFTP", and "PDUU-HTTPS". The "PDUU-HTTPS" option is selected and highlighted with a red box.
- Specify the firewall or proxy server settings:** A checkbox that is checked and highlighted with a red box.
- Firewall host:** A text input field that is empty and highlighted with a red box, with a red "X" icon to its right.
- Firewall user ID:** An empty text input field.
- Firewall port (must be between: 1-65535):** A numeric input field with a small up/down arrow on the right.
- Firewall commands (maximum 4 lines, 80 characters per line):** A multi-line text area that is empty.
- Buttons:** "OK" and "Cancel" buttons at the bottom.

# Interactions & Dependencies

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- Software Dependencies
  - None
- Hardware Dependencies
  - None
- Exploiters
  - z/OSMF Incident Log users who need to transfer data via HTTPS.

# Upgrade & Coexistence Considerations

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- None

# Installation & Configuration

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- To use the Incident Log PDUU with HTTPs function, user needs to download one or more certificates from the ecurep or testcase sites and put them in security product database (for instance, RACF).

# Summary

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- The following z/OS 3.1 z/OSMF Incident Log PDUU HTTPS Support Epic has been explained.

# Appendix

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- Book updates
  - IBM z/OS Management Facility Online Help