

# **z/OS V2.5 IBM Education Assistant**

Solution Name: Support Remote Workflow Definition

Solution Element(s): z/OSMF Workflows

July 2021



# Agenda

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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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- Explain the purpose of working on z/OSMF Workflows

# Overview

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- Who (Audience)
  - z/OSMF Workflow users
- What (Solution)
  - z/OSMF Workflow is enhanced to support creating workflow instance with the workflow artifacts which are located in the remote sysplex.
    - \* workflow artifacts : workflow definition file, input property file, referenced files(template file, bundle file and DTD file)
- Wow (Benefit / Value, Need Addressed)
  - As a workflow user, I can create a workflow with the workflow artifacts which are located in the remote sysplex.

# Usage & Invocation – Location System

- New field is added in “Create Workflow” dialog to specify the location of definition and variable input files. Local system is selected by default.

Create Workflow

\* Location (system) of definition and variable input files:

PLEX1.SY1 - Local

**PLEX1.SY1 - Local**

PLEX2.PEV155

Workflow variable input file: ?

Select or type

< Back   Next >   Finish   Cancel   Help

# Usage & Invocation – Location System

- The old field “System” is moved to page 2 of “Create Workflow” dialog to specify where workflow steps will be performed.

## Create Workflow

Location (system) of definition and variable input files:  
PLEX2.PEV155

Workflow definition file:  
/tmp/pev155/workflow\_sample\_include\_external.xml

Description:  
Sample workflow to show the use of an external XML file

Vendor: IBM      Version: 1.1      Is Callable: Cannot be called by another workflow

\* Workflow name:  
Sample workflow to show the use of an external XML file - Workflow\_6

\* Owner user ID:  
zosmfad

\* System (where workflow steps will be performed):  
PLEX1.SY1

Comments:

\* Access([Learn More](#)):  

Public

☒ Open workflow on finish    ☐ Assign all steps to owner user ID

# Usage & Invocation – Rest API update

- Rest API update: new parameter `workflowDefinitionFileSystem` is added.

POST /zosmf/workflow/rest/{version}/workflows

Create a workflow

GET /zosmf/workflow/rest/{version}/workflowDefinition

Retrieve a workflow definition

**workflowDefinitionFileSystem** (*string, optional*): Nickname of the system on which the specified workflow definition file and any related files reside. The workflow task will obtain the workflow files from this system.

Use the nickname that is specified for the system definition in the z/OSMF Systems task. The nickname is a unique name for the system to differentiate it from existing systems that have the same system and sysplex name. The nickname is 1 – 40 characters long; the valid characters are alphanumeric characters (A–Z, a–z and 0–9), hyphens (–), and special characters (\$\_#@). Nicknames are case-sensitive; for example, SYSTEM1 and System1 are unique values.

The system can be running in the local sysplex or in another sysplex in your enterprise. If you select a system in a remote sysplex, ensure that the system is enable for single sign-on (SSO) in the z/SOMF Systems task.

If you omit this property, the Workflows task checks the z/OSMF system of the local sysplex for the workflow definition file and related files, by default. ,



# Interactions & Dependencies

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- Software Dependencies
  - None.
- Hardware Dependencies
  - None.
- Exploiters
  - z/OSMF Software Management and others.

# Upgrade & Coexistence Considerations

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- To exploit this solution, all systems in the Sysplex must be at the new z/OS level:
  - No.
- List any toleration/coexistence APARs/PTFs.
  - None.
- List anything that doesn't work the same anymore.
  - None.

# Installation & Configuration

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- None.

# Summary

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- The following z/OS V2R5 z/OSMF Workflows item has been explained:
  - Support Remote Workflow Definition

# Appendix

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- Book updates
  - z/OSMF Programming Guide