z/OS 3.1 IBM Education Assistant

Solution Name: z/OSMF SCA supports SDSF

Solution Element(s): z/OSMF Security Configuration Assistant

July 2023

Agenda

- Trademarks

- Objectives

- Overview

- Usage & Invocation

- Interactions & Dependencies

- Upgrade & Coexistence Considerations

- Installation & Configuration

- Summary

- Appendix

Trademarks

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

Objectives

- SCA can import security descriptor JSON files from user specified USS directory.

- SCA can bulk add/delete variable profiles with same variable value.

Overview

- Who (Audience)
  - security administrator

- What (Solution)
  - z/OSMF SCA UI provides ways to import security descriptor JSON file from specified USS directory.
  - z/OSMF SCA UI provides ways to build add/delete variable profiles with same variable value.

- Wow (Benefit / Value, Need Addressed)
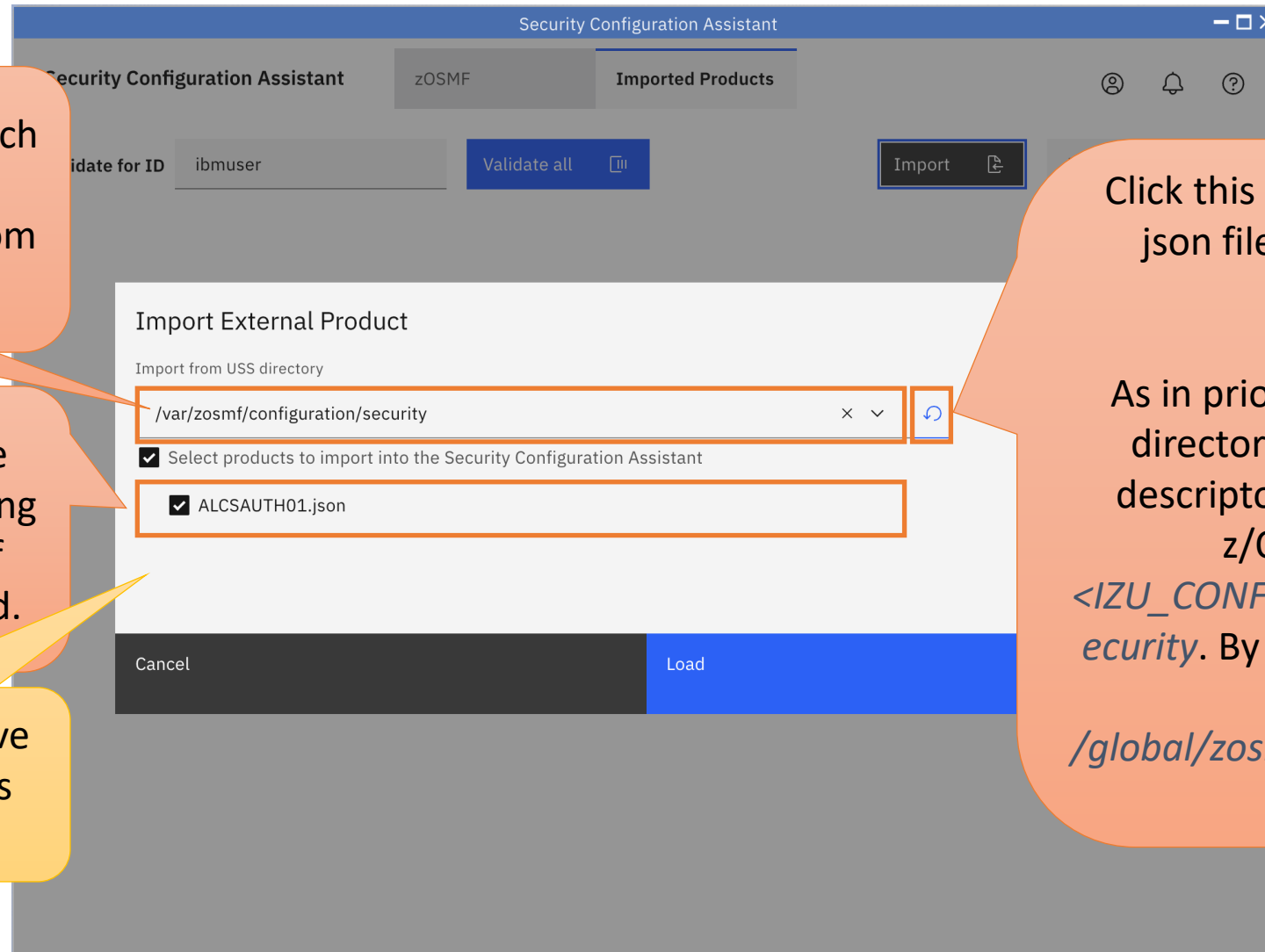 - z/OSMF UI provides more flexible ways to import JSON file and bulk add/delete variable value.

Usage & Invocation

- Screenshot of UI changes (feature 1: import from USS directory)

Usage & Invocation

- Screenshot of UI changes (feature 2: bulk add/remove variable values)

Usage & Invocation

- Screenshot of UI changes (feature 2: bulk add/remove variable values)

Security Configuration Assistant

Security Configuration Assistant	zOSMF	Imported Products

Validate for ID ibmuser   [Validate all]

| Security Configur... | Nucleus | Services | Advanced Configu... |

Add variable values for profile EZB.NETWORKUTILS.CLOUD.<system_name>

Add a value for the profile variables displayed. Note that security profiles containing variables without cannot be validated.

system_name ⓘ

SYS1

🟢 Apply this value to all the resource names that contain same variables

Cancel   OK

Resources for z/OS Console Services (REST Consoles)	Description	Class	Who needs the access	Required Access	Vali
MVS.ROUTE.CMD.<system_name>	Allows the zos... ⓘ	OPERCMDS	<tso_userid> IZUSVR	READ	

| Resources for | | | Who needs the | Required | Validation |

A new option to allow bulk add is toggleed on by default.

With this toggle on, all profiles matching the same variable(s) in current service or product will be added with the same variable value.

With this toggle off, the value will be added only to current resource profile.

Usage & Invocation

- Screenshot of UI changes (feature 2: bulk add/remove variable values)

Usage & Invocation

- Screenshot of UI changes (feature 2: bulk add/remove variable values)

Interactions & Dependencies

- Software Dependencies
  - No

- Hardware Dependencies
  - No

- Exploiters
  - System security administrator

Upgrade & Coexistence Considerations

- To exploit this solution, all systems in the Plex 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.*

- Upgrade involves only those actions required to make the new system behave as the old one did.

- Coexistence applies to lower level systems which coexist (share resources) with latest z/OS systems.

Installation & Configuration

- List anything that a client needs to be aware of during installation and include **examples** where appropriate - clients appreciate these:
    - Are any APARs or PTFs needed for enablement? *No*
    - What jobs need to be run? *No*
    - What hardware configuration is required? *No*
    - What PARMLIB statements or members are needed? *No*
    - Are any other system programmer procedures required? *No*
    - Are there any planning considerations? *No*
    - Are any special web deliverables needed? *No*
    - Does installation change any system defaults? No

Summary

- SCA can import security descriptor JSON files from user specified USS directory.

- SCA can bulk add/delete variable profiles with same variable value.

Appendix

- IBM z/OS Management Facility Programming Guide(SC27-8420-50)

- IBM z/OS Management Facility Configuration Guide(SC27-8419-50)

- IBM z/OS Management Facility Online Help