

2781565 - Enhancement on task Check Client Cipher Suite Profile Parameter

Component: SV-SMG-INS-CFG (Service > SAP Solution Manager > Installation, Configuration and Upgrade of Solution Manager > Setup and Configuration of the Solution Manager system), Version: 5, Released On: 03.12.2019

Symptom

You are using Solution Manager and you want to set the currently recommended settings in SAP Note [510007](#) for TLSv1.2 interoperability, while it is stated that Solution Manager should be specified another value for parameter `ssl/client_ciphersuites`.

Other Terms

SolMan, 150:PFS:HIGH::EC_P256:EC_HIGH, 918:PFS:HIGH::EC_P256:EC_HIGH, SAP_SUPPORT_HUB_CONFIG

Solution

1. Perform the manual activity first.
2. Implement the correction provided by the note.

The help document of the new task 'Check TLS version' is updated as below:

Task 'Check TLS version'

Application Component: SV-SMG-INS-CFG (Set Up and Configure the Solution Manager System)

Purpose

To communicate properly with the support backbone, make sure that SSL profile parameter `ssl/client_ciphersuites` for outgoing HTTP connections is set correctly (we recommend a value of `150:PFS:HIGH::EC_P256:EC_HIGH`). For detailed, expert information, see SAP Note [510007](#). You can also use the value `918:PFS:HIGH::EC_P256:EC_HIGH` for SAP Solution Manager, but this will not work with TLS protocol versions above 1.2.

Also make sure that you are using the most recent version of CommonCryptoLib (8.4.31 or higher).

Check

The task checks the correct value of active TLS version.

Execution

- Open transaction SM69.
- Run command `Z_SAPGENPSE`.
- Take the first 3 digits from the `ssl/client_ciphersuites` profile parameter value (for example, 150) and enter it in the *Additional Parameters* field.
- Execute the command Check the "Configured protocol versions" and make sure TLSv1.1 or higher is listed.

Manual Activities

Manual Activity	
VALID FOR	
Software Component	ST SAP Solution Ma...
Release	720 SAPK-72006INSTMAIN - SAPK-72008INSTMAIN

Please follow the steps to create a Message.

1. Start transaction SE91.

2. Enter "SISE_CONF2" on the input field Message Class.
3. Enter "052" on the input field Messages-Number.
4. Press the button "Change".
5. Enter below text
TLS version check failed
6. Save the change.

Please follow the steps to create an External Command.

1. Start transaction SM69.
2. Press the button "Create"
3. Enter "Z_SAPGENPSE" on the input field Command Name.
4. Press the Value-help of field Operating System.
5. Choose the entry OPSYS = "ANYOS", click Copy.
6. Enter "sapgenpse" on the input field Operating System Command.
7. Enter "tlsinfo -c" on the input field Parameters for Operating System Command.
8. Tick the checkbox Additional Parameters Allowed.
9. Save the command.

Please follow the steps to change a Text Symbol.

1. Start transaction SE24.
2. Enter "CL_HUBTSK_CHECK_PROFILE_PARAM" on the input field Object type.
3. Press the button "Display".
4. Press "Goto"->"Text elements" in toolbar.
5. Press "Change".
6. Replace the text
Check Client Cipher Suite Profile Parameter
by
Check TLS version
7. Save the change.

Software Components

Software Component	From	To	And subsequent
ST	720	720	

Correction Instructions

Software Component	Number of Correction Instructions
<u>ST</u>	1

This document is referenced by

SAP Note/KBA	Component	Title
2853055		<u>Text symbol 001 is an original text and cannot be deleted or renamed</u>