



PUBLIC

2026-07-14

Application Help for SAP Solution Sales Configuration, cloud edition

Content

1	Introduction.	3
2	About This Solution.	4
2.1	Technical Data Flow.	4
3	Personas.	8
4	Using SAP Solution Sales Configuration, cloud edition Application.	9
5	Testing Your Configuration Session.	10
	Dev Mode.	11
6	Working with SAP Solution Sales Configuration, cloud edition.	12
6.1	Engine Parameters.	12
	Pricing.	13
6.2	Simulate Knowledgebases.	14
	Session Configuration.	16
	SSC Configuration Interface.	17
6.3	Event Log.	23
6.4	Error Handling.	24
7	Getting Support.	26

1 Introduction

SAP Solution Sales Configuration (SAP SSC), helps customers to configure and sell solutions made of complex product and services combinations.

SAP Solution Sales Configuration, cloud edition offers Solution Sales Configuration (SSC) runtime on SAP Business Technology Platform (SAP BTP) Kyma , enabling customers to consume SSC runtime capability from any source systems such as SAP Configure, Price, and Quote (SAP CPQ), SAP Commerce Cloud V2, SAP S/4 HANA On-Premise, or any other external system.

For ease-of-use and testing, an administration interface is provided, using which modelers can test the solution model by using the default UI5 UI or the custom UI Composer-based UI.

2 About This Solution

The SAP Solution Sales Configuration, cloud edition, hosts the Solution Sales Configuration (SSC) engine on the SAP Business Technology Platform's (BTP) Kyma environment.

The configuration user interface (UI) integrated with the SSC engine is provided to the users. This UI can be invoked from the calling applications, such as SAP CPQ app.

For further information, view the topic: [Technical Data Flow \[page 4\]](#)

2.1 Technical Data Flow

All Knowledge Bases, their variant tables, pFunctions, and external variant tables are maintained in SAP S/4HANA back end systems. These are replicated to a Hana DB in cloud by SAP Variant Configuration and Pricing cloud application. SSC connects to this Hana DB at the time of tenant provisioning and uses it during configuration when invoked by external calling application like SAP CPQ.

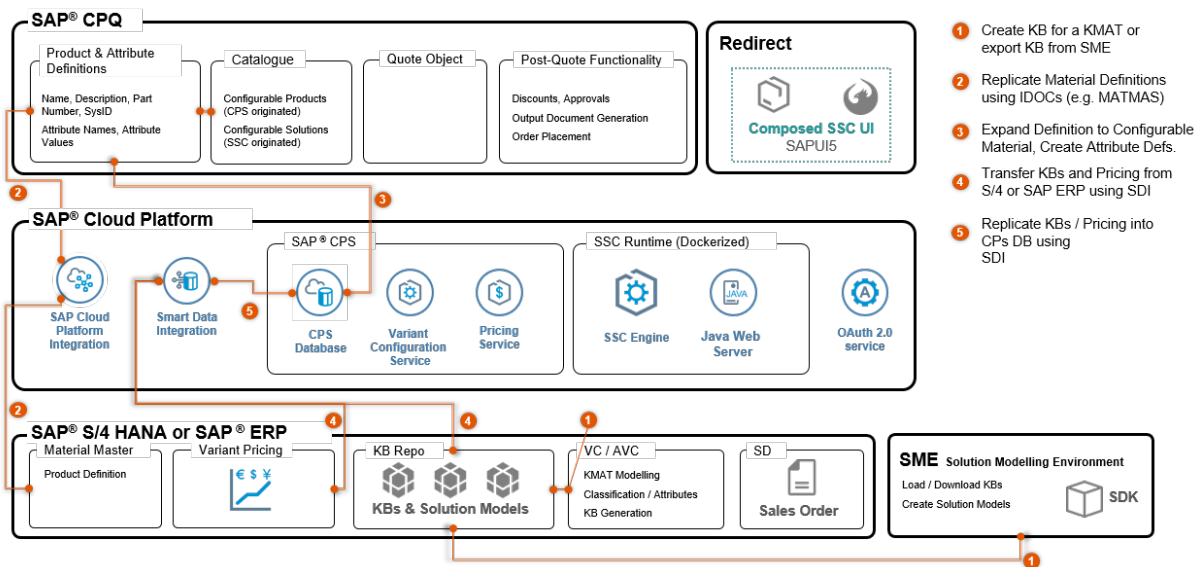
KB Data Replication

This high-level architecture diagram explains:

- the creation of Knowledge Base in back end systems.
- the replication of KBs in the SAP cloud platform Hana Database allowing SAP SSC to access the same.
- and the replication of product data in the SAP CPQ system.

With these replications in place, you can configure your solutions along with the respective quotations.

High Level Target Architecture – Data / KB Replication

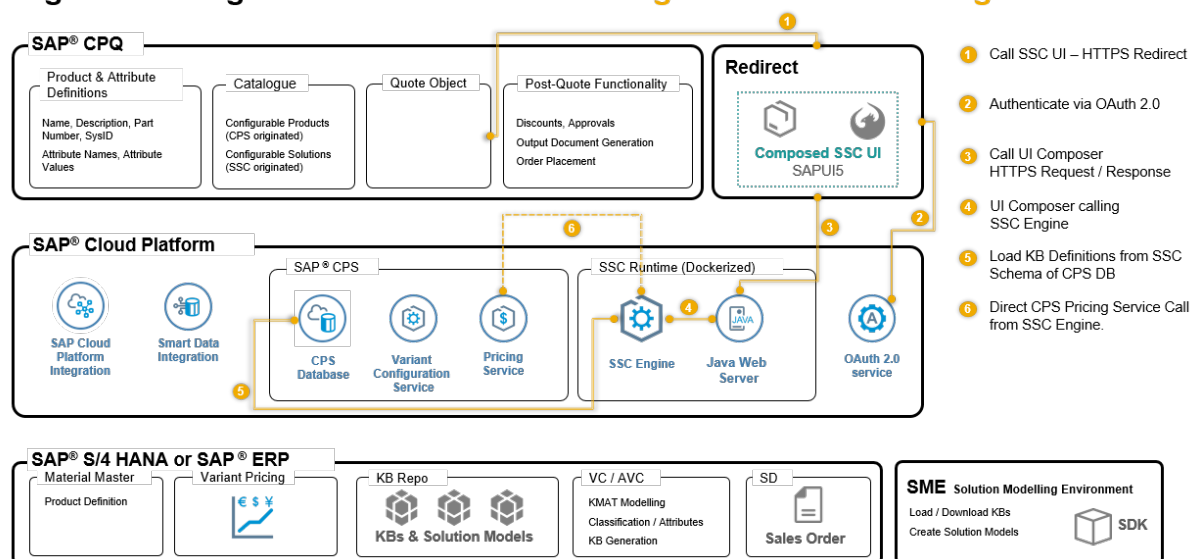


SSC Configuration Process Integration

The High-Level integration diagram explains how external calling applications like SAP CPQ integrate with SSC on Cloud.

- External calling application invokes SSC UI along with a redirect/callback URL.
- After authentication, SSC UI (default or custom UI) interacts with the engine to render the configuration data that the SSC engine fetches from the CPS database, and processes it and then returns it back to the UI.
- SSC engine also interacts with pricing service to return the pricing data to the UI.

High Level Target Architecture – SSC Configuration Process Integration



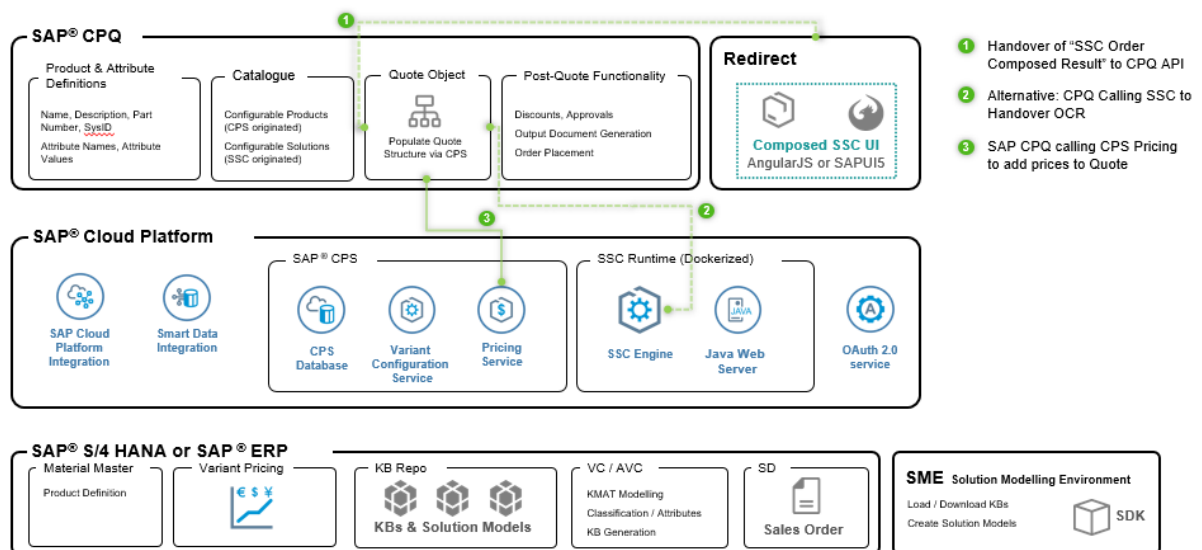
SAP CPQ Quote Population

This diagram describes how the engine examines the configuration result and extracts the commercial products and their structure for the quote. The *Order Mapping Process* within the overall process is also displayed.

On completing the configuration in SSC, the purpose is to provide the result of the configuration to the CPQ program in a structured format that the CPQ can use.

Order-Mapping Process: When the user clicks the *Done* button on the UI, a logic fires in the background that looks through and retrieves the configuration result. This data forms the items in the quote.

High Level Target Architecture – SAP CPQ Quote Population

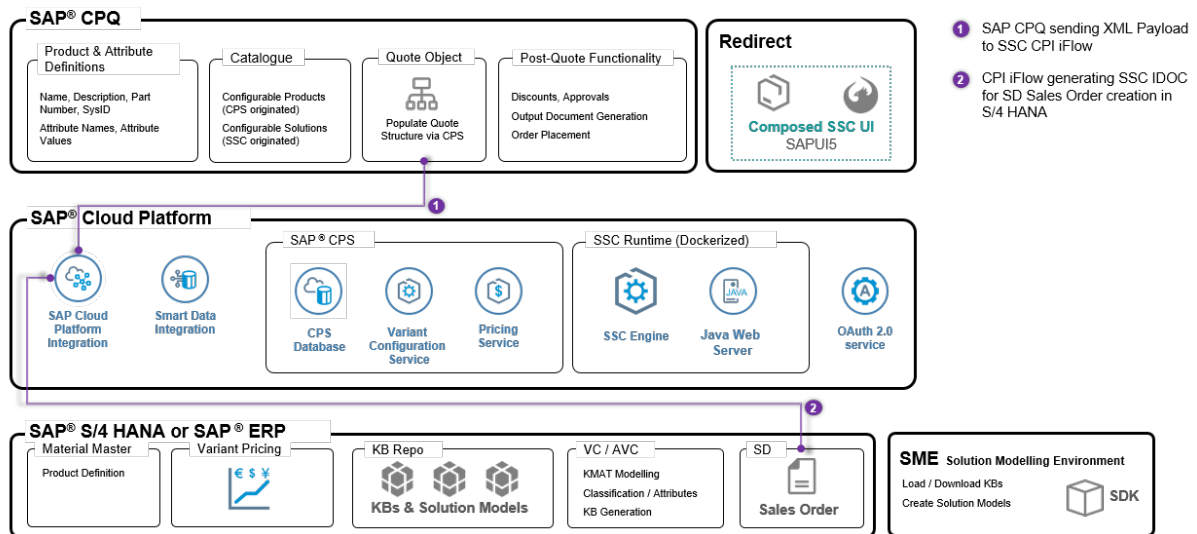


Sales Order Integration

This diagram describes the following:

- After the quote has been populated with all items, the user shapes it (through workflows, discounting items, etc.).
- For strategic deals, the SAP CPQ allows for supervisor review and approval processes for additional discounts as needed.
- Generating the proposal.
- After the customer's acceptance of the proposal, the quote information is transferred back into the back end system such as SAP S/4HANA and the order is generated.

High Level Target Architecture – Sales Order Integration



3 Personas

You can perform different activities in the SAP Solution Sales Configuration, cloud edition (SAP SSC, cloud edition) based on your roles and authorizations. Knowing who the personas are that use this solution is an effective way to understand the needs of your users.

The following table describes the various personas and the key tasks they can perform in SAP SSC, cloud edition:

Persona	Description	Key Tasks
Business User	Use the SSC UI to configure solutions.	Launch SSC configuration UI from external applications such as SAP CPQ to configure solutions modeled using SSC.
Modeler and Tester	Use the SSC UI to: - Perform Knowledge base (KB) simulation. - Perform administrator functions. - View application event logs	- Access the SAP SSC, cloud edition administration UI. - Configure a Knowledge Base (KB). - Enable the <i>Dev Mode</i> feature for regression testing , tracing and debugging purpose. - Set custom configuration and configuration context for testing a Knowledge Base.

4 Using SAP Solution Sales Configuration, cloud edition Application

This topic provides you with a high-level understanding of where the SAP SSC, cloud edition sits in the flow of creating a quote for your customer and how you can use it.

1. Your modeler creates the model.
2. The modeler uploads the model into the test source system such as the ERP system or SAP S/4HANA.
3. The model is replicated to the test tenant of the SAP Solution Sales Configuration, cloud edition.
4. Your tester, tests the model for validation purposes.
This testing is performed in the SAP Solution Sales Configuration, cloud edition (SaaS) application.
For detailed steps on how to test your model, refer to the topic [Testing Your Configuration Session \[page 10\]](#)
5. To validate end-to-end flow, testers must test the configuration in the external application such as SAP CPQ.
6. After satisfactory validation, the models are moved from test landscape to the productive landscape.
For further information, refer to the administration guides of the respective systems.

For detailed technical information, refer to the topic [Technical Data Flow \[page 4\]](#)

5 Testing Your Configuration Session

Use this procedure to create and test the configuration session of your solution model.

Prerequisites

- You've configured the models for testing.

Procedure

1. Log on to your SAP BTP subaccount and access the SSC, cloud edition SaaS application. This opens the SSC administration interface.
2. Search for the KB that you want to test by using the search bar.

Use any of the search parameters such as *ID*, *Name* or *Version*.

3. Launch

Option	Access Description
The customized configuration session interface	By clicking the Open UIC option.
The default configuration session interface	By clicking the > Open Knowledgebase .

If the custom configuration session isn't operating the way you want it to, you can compare it to the default configuration session.

4. You can customize both of the above configuration sessions using the [Session Configuration](#) option available in the header bar.

For detailed information on each of the settings option available, refer to the topic [Session Configuration \[page 16\]](#).

5. Changes in the values of [Engine Settings](#), [Context Parameters Pricing Properties](#) and [Engine Traces](#) influences the configuration in different ways.

→ Tip

Be sure to test each time you make a change in any of the above four parameters.

6. After obtaining satisfactory results from your testing, for any permanent changes required in the [Engine Settings](#), create a request to SAP.

For further information on how to raise a request, see [Getting Support \[page 26\]](#)

7. Customize [Sub-KB Reference Date](#) and [Language](#) as needed.

8. After satisfactory comparison and testing of the custom configuration and default configuration, click [Done](#) on either the custom configuration session or the default configuration session, depending on where you've made the changes.

Dev Mode

You can use the [Dev Mode](#) option available in the header bar in the following ways:

Dev Mode Status	Description
On	User interface is visible as your user sees it. However, an additional column (Right Panel) is displayed. Technical details and tools for debugging is available in this panel. For more information, see the Right Panel section in the topic SSC Configuration Interface [page 17] .
Off	User interface is visible exactly as your user sees it. Use this option for verification and validation with the additional parameters (Right Panel) hidden.

Upon completion of the above procedure, follow step 5 onwards in the topic [Using SAP Solution Sales Configuration, cloud edition Application \[page 9\]](#).

6 Working with SAP Solution Sales Configuration, cloud edition

You can use the SAP Solution Sales Configuration, cloud edition administration user interface to:

- Configure and test models.
- Debug SSC engine behavior.

The SAP SSC, cloud edition administration user interface displays the following sections:

Section	Subsection	Description
Header Bar		Expand or collapse the navigation menu.
		• Customize your interface for theme and calendar type. • View the application name and version.
Left Navigation Pane	Engine Parameters	Access the default engine parameters and customer-specific engine settings.
	Simulate Knowledgebases	Access the knowledge bases (KB) available in SAP Central Process Scheduler (SAP CPS) database.
	Log Events	View the configuration errors, warnings, and related information.
	Getting Support	View the support process to get help from SAP.
	Documentation	Access SAP Help Portal pages for this application.

6.1 Engine Parameters

The [Engine Parameters](#) controls the SSC, cloud edition engine behavior for product and solution configuration.

On clicking [Engine Parameters](#), users can access the following tabs:

- [CORS](#)

- [Pricing \[page 13\]](#)
- [Configuration](#)

ⓘ Note

For the allowed [CORS](#) domains for service calls, no domain is allowed by default. Only the domains set in the Engine Parameters UI will be allowed. Multiple domains can be set as comma separated values.

On clicking the [Pricing](#) tab, the administrators can access the option [Enable Interactive Pricing as default](#). This option allows the administrator to toggle between ON or OFF for the **Interactive Pricing** feature.

The end user sees a [Pricing](#) button in the SSC configuration interface only when this option is set to **ON**, else this option isn't available. This is the only place where the administrator can enable or disable the **Interactive Pricing** option for the end users.

On clicking either of the above mentioned tabs, user can access the following components:

Header	Description
Parameter Name	Displays the names of the parameters.
Default Values	Displays default or unchanged values.
	ⓘ Note To change the default value for any of the engine parameters, create a request by following the steps in the Getting Support section.
Active Value	Displays the value active in the tenant.

For further information, see SAP Note [2291607](#) .

6.1.1 Pricing

Prerequisites

All the information needed to connect SAP SSC with the SAP Variant Configuration and Pricing service should be provided by the administrator managing SAP Variant Configuration and Pricing. Settings are configured on the tenant level.

SAP Variant Configuration and Pricing onboarding and provisioning must first be completed in the manner outlined in the [SAP Variant Configuration and Pricing Administration Guide](#).

Features

In the [Pricing](#) tab of the [Engine Parameters](#) page, with the [Enable Interactive Pricing as default](#) toggle enabled, you can maintain the following attributes:

- [Pricing Authentication URL](#): The authentication URL of the SAP Variant Configuration and Pricing service.
- [Pricing Client Identifier](#): OAuth 2.0 client ID issued by the SAP Variant Configuration and Pricing authorization provider, used when obtaining pricing from SAP Variant Configuration and Pricing.
- [Pricing Client Secret](#): OAuth 2.0 client secret issued by the SAP Variant Configuration and Pricing authorization provider, used when obtaining pricing from SAP Variant Configuration and Pricing.
- [Pricing API URL](#): The URL of the SAP Variant Configuration and Pricing service.

6.2 Simulate Knowledgebases

On clicking [Simulate Knowledgebases](#), users can access the following components:

Section	Component	Description
Header	Session Configuration	Allows you to customize your configuration session. For further information see Testing Your Configuration Session [page 10] .
	Sub-KB References Date	The date from which the sub-KB becomes available for users to choose. Note This field is available for you to select the date from which a certain combination of products and solutions becomes available for your users. Your users are not aware that they are choosing options from several different sub-KBs. Only you, as a modeler, are aware of it.
	Language	Based on your setting of the model, select the language to launch the configuration in and to verify the translation texts.

Section

Component

Description

Knowledgebases

Dev Mode

Displays an extra panel in the Solution Sales Configuration, cloud edition configuration interface.

For further information see the **Right Panel** section in the topic . [\[page 17\]](#)

Composed UI

Based on your selection, the KBs are displayed respectively:

All

Displays all the available KBs.

Yes

Filters and displays only the knowledgebases that have custom UI stores created in the source systems.

The *Open UIC* link is shown only for these KBs.

ID

Displays the ID of the KB.

Name

Displays the name of the KB.

Version

Displays the version of the KB.

Profile

Displays the configuration profile name of the KB.

ⓘ

Note

- Each KB has at least one profile.
- Certain KBs have multiple profiles.
- Each profile contains combinations of options that you have selected for it.
- Each profile influences the behavior of the KB differently, depending on the combination of options selected for it.

Section	Component	Description
	Valid From	Displays the date from which the selected KB is available for use. In case the <i>Valid From</i> date is in future, then this future date is automatically used for configuration launch.
	Composed UI	The <i>Open UIC</i> option is shown only if a store is created in the source system, such as SAP S/4HANA for the respective knowledgebases.
	>	Allows you to launch the default configuration interface.

6.2.1 Session Configuration

The *Session Settings* option allows you to define and test a configuration with specific set of input values.

Note

Changes made in any of the tabs of *Session Configuration* apply to configuration sessions created from the admin UI and are persisted as long as the current window is active. Upon relaunch, all parameters would revert to their default values.

To request permanent changes in the *Engine Settings* option, create a request to SAP.

For information on how to create a request, see [Getting Support \[page 26\]](#).

The following components are available for customization:

Name	Description
<i>Engine Settings</i>	Allows you to define the values per parameter for your configuration engine.
<i>Context Properties</i>	Allows you to define the values for context-specific parameters for your configuration.
<i>Pricing Properties</i>	Allows you to define the values for pricing properties for your configuration.
<i>Engine Traces</i>	Allows you to define the values for engine traces for your configuration.

6.2.2 SSC Configuration Interface

SAP SSC, configuration UI allows you to test your solution models from admin UI . The same UI interface is available to end users when launched from external quote application like SAP CPQ .

The options shown in configuration interface change depending upon how it is accessed:

- When accessed from the administration user interface , an additional "Right Panel" is shown as default, which is activated by "Dev Mode"
- When accessed from an external application such as SAP CPQ , "Right Panel" isn't shown.

The SAP SSC, cloud edition, configuration interface displays the following components:

Section	Element or Tab	Description						
Header Bar	Done	Click this button after you've made all the selections in the three panels as listed below. Depending on where you access the configuration interface from, the following outcomes occur: <table><tr><th>Accessed From</th><th>Outcome</th></tr><tr><td>The administration user interface</td><td>Clicking the <i>Done</i> button closes the configuration interface Tab.</td></tr><tr><td>The SAP CPQ app</td><td>Clicking the <i>Done</i> button closes the configuration interface tab and the user is re-directed to the CPQ quote application, which receives the user's selected configuration options and adds them to the CPQ quote. You can perform further actions in the CPQ quote.</td></tr></table>	Accessed From	Outcome	The administration user interface	Clicking the <i>Done</i> button closes the configuration interface Tab.	The SAP CPQ app	Clicking the <i>Done</i> button closes the configuration interface tab and the user is re-directed to the CPQ quote application, which receives the user's selected configuration options and adds them to the CPQ quote. You can perform further actions in the CPQ quote.
	Accessed From	Outcome						
	The administration user interface	Clicking the <i>Done</i> button closes the configuration interface Tab.						
The SAP CPQ app	Clicking the <i>Done</i> button closes the configuration interface tab and the user is re-directed to the CPQ quote application, which receives the user's selected configuration options and adds them to the CPQ quote. You can perform further actions in the CPQ quote.							

Section	Element or Tab	Description
	Cancel	Select this option to cancel the current configuration session and redirect to the calling application, such as SAP CPQ, where you can start a new configuration. Note This option is displayed only when you access <i>SAP SSC, Cloud edition</i> from the <i>SAP CPQ</i> app.
	Name of the KB	Displays the names of solutions and products available for configuration.
	Display Nonparts	Per solution, displays the nonpart instances that are available for your selection.
	Sales Structure	Displays the sales relevant configuration structure for quotation or order.

Section	Element or Tab	Description								
	Status	Displays the current status of configuration session. The available status are: <table><tr><th>Status</th><th>Description</th></tr><tr><td>Incomplete</td><td>Certain mandatory options aren't selected, resulting in an incomplete configuration.</td></tr><tr><td>Conflicts</td><td>The configuration is in a conflict state. A user can click on conflicts to see the characteristics of the conflicting state.</td></tr><tr><td>Complete</td><td>The configuration is consistent and complete. The configuration result can be added to a quotation or order for further processing.</td></tr></table>	Status	Description	Incomplete	Certain mandatory options aren't selected, resulting in an incomplete configuration.	Conflicts	The configuration is in a conflict state. A user can click on conflicts to see the characteristics of the conflicting state.	Complete	The configuration is consistent and complete. The configuration result can be added to a quotation or order for further processing.
Status	Description									
Incomplete	Certain mandatory options aren't selected, resulting in an incomplete configuration.									
Conflicts	The configuration is in a conflict state. A user can click on conflicts to see the characteristics of the conflicting state.									
Complete	The configuration is consistent and complete. The configuration result can be added to a quotation or order for further processing.									
	Pricing	Select this option to display the total and the instance level prices during the configuration process.								

Section	Element or Tab	Description	
	User Actions	Icon	Description
		 <i>Undo</i>	Reverts to the last selection made by you.
		 <i>Reset Configuration</i>	Resets the configuration to its initial state. All previous selections made by you're removed.
		 <i>Import Configuration</i>	Use this option to import a previously exported configuration file. This enables you to complete the configuration faster as the imported file prefills the required values.
		 <i>Export Configuration</i>	Use this option to save the configuration files for each set of selections you've made. The exported configuration file can be used to prefill the options automatically each time you create a new configuration.

Left Panel

Section	Description
Configuration	This section shows the list of instances created during the configuration process in a hierarchical tree structure. Select an instance to see its characteristics in the characteristics panel.
Summary	This section shows a view of the characteristics selected for different instances. Use this view for a quick review of selected options instead of navigating through the configuration tree.

Center or Middle Panel

This section displays an instance's characteristics for editing purposes. If characteristics are grouped through *Characteristics groups or interface design* in the model, then the group names are shown as [Tabs](#). By default, a [General](#) tab is shown, which lists all ungrouped characteristics.

Right Panel

→ Remember

This panel is shown:

- Only to users with the **SSC Admin** user role assigned to them.
- Only when the option [Dev Mode](#) is selected by the user in the administration user interface.

This panel gives detailed technical information and tools for testing and debugging of solution models.

This panel can also be invoked when launching configuration from SAP CPQ by passing URL parameter `devMode=X` at the end of the URL by users with the **SSC Admin** user role assigned to them in SAP CPQ.

This panel displays the following sections:

Name	Description
Properties	Lists the technical details of the selected instance or characteristic.

Name	Description
Test Runner	Test runner automatically captures: - all requests and responses sent to server from the user interface. - the HTTP status code. - the time taken for each request. Use Test Runner: - to do a quick regression testing of a configuration in cases where model changes are frequent. - to create a baseline of the time taken for each configuration step.
Run	All HTTP requests from the file are executed. Each request's delta time from the previous execution is shown. The new response is compared to the file response, and any differences are shown in the "Difference" view.
Save	Each HTTP request is automatically captured and shown as you select the configuration options. These requests can be saved for later regression testing.
Load File	The file saved using the above option is loaded on to the user interface. It can be executed using the run command.
Exclude Cstics	This feature allows you to exclude certain characteristics when comparing them with the saved information in the file. The objective is to avoid regression testing failures as these characteristics, being dynamic in nature, may change their value for each configuration. Thus, these characteristics are irrelevant for regression testing purposes and can be excluded.
Traces	As an experienced SSC modeler, you can take traces during the configuration process to debug a particular configuration step. All trace options from the Solution Modeling Environment are available here.
Settings	Use this option to show or hide additional information such as language-dependent names, invisible characteristics, or Abstract Data Types (ADT).

6.3 Event Log

The *Event Log* displays any system messages that arise during the configuration of solution models. These include events raised during a configuration process and when caching the Knowledge bases from CPS Hana DB. For known error's , possible solution is also displayed in detailed messages.

The log displays the following:

Section	Name	Description
Header Bar	Severity	Allows you to filter errors and warning by severity.
	Created On	Allows you to sort errors and warnings within a specific date range.
Log Events	ID	Displays the ID number of the log event.
	Severity	Displays the severity of the log event, such as error, warning, or information per event.
	Created On	Displays the date and time on which the event was created.
	Location	Displays the location where the event information is stored.
	Message	Displays the standard error message per event.
	 Display More	Displays additional information and possible solutions.

Note

Only logs of the past 7 days are displayed. The older logs are automatically purged.

Viewing the Log of Errors and Warnings

Use this procedure to view the log of errors and warnings.

Procedure

1. Access the *Event Log* option from the left navigation pane.
2. Use the *Created On* option in the header bar to select a date range.
3. Select or the *Return* key on your keyboard.

The list of errors and warning for the selected date range is displayed.

Filter by *Severity*

In the header section, use the drop-down menu option available for *Severity*.

Select *ERROR*, *WARN*, or *INFO* to filter the events accordingly.

6.4 Error Handling

If there are abnormal situations, SAP SSC cloud edition informs the calling application or user with adequate HTTP error code as listed in the below table. In case SSC engine is invoked by SSC UI, then those error codes are also translated into more meaningful detailed messages for easier understanding:

HTTP Error Code	Error Description	SSC Configuration Interface message
401	Authorization error	Unauthorized
403	Forbidden error	Forbidden
404	Not found	Not Found
429	Too Many Requests	Too Many Requests. retry after some time.
500	Internal server error	A server error has occurred for this configuration, contact your system administrator.
501	Not Implemented	A server error has occurred for this configuration, contact your system administrator.
502	Bad Gateway	A server error has occurred. Click <i>OK</i> to reload the UI or <i>Cancel</i> to start again. If the problem persists, contact your system administrator.
503	Service Unavailable	A server error has occurred. Click <i>OK</i> to reload the UI or <i>Cancel</i> to start again. If the problem persists, contact your system administrator.
504	Gateway Timeout	A server error has occurred. Click <i>OK</i> to reload the UI or <i>Cancel</i> to start again. If the problem persists, contact your system administrator.

Timeouts

A configuration session is kept alive for 30 min of idle time by SSC Configuration UI. Also if there are executions of long configuration steps in engine, the session is kept alive for about 2-minutes post which HTTP status

504 is received by the UI. Modelers must test thoroughly to ensure that the configuration steps do not take more than 2-minutes of execution time in worst case scenario; else, the end users cannot execute these configuration steps.

7 Getting Support

Provides you with the information required to contact SAP in case of any issues.

If you require support or encounter any technical issues when working with SAP Solution Sales Configuration, cloud edition, contact SAP by reporting an incident on SAP for Me:<https://me.sap.com/getsupport> .

Report under the following selections:

Component	Selection
System	SAP Solution Sales Configuration In the results, select the relevant tenant.
Product Area	SAP Solution Sales Configuration
Category	Select the product function SAP Solution Sales Configuration >SAP Solution Sales Configuration, cloud edition. OR Select component LO-SLC .

For further information see SAP Note: [1296527](#) .

Important Disclaimers and Legal Information

Hyperlinks

Some links are classified by an icon and/or a mouseover text. These links provide additional information.

About the icons:

- Links with the icon  : You are entering a Web site that is not hosted by SAP. By using such links, you agree (unless expressly stated otherwise in your agreements with SAP) to this:
 - The content of the linked-to site is not SAP documentation. You may not infer any product claims against SAP based on this information.
 - SAP does not agree or disagree with the content on the linked-to site, nor does SAP warrant the availability and correctness. SAP shall not be liable for any damages caused by the use of such content unless damages have been caused by SAP's gross negligence or willful misconduct.
- Links with the icon  : You are leaving the documentation for that particular SAP product or service and are entering an SAP-hosted Web site. By using such links, you agree that (unless expressly stated otherwise in your agreements with SAP) you may not infer any product claims against SAP based on this information.

Videos Hosted on External Platforms

Some videos may point to third-party video hosting platforms. SAP cannot guarantee the future availability of videos stored on these platforms. Furthermore, any advertisements or other content hosted on these platforms (for example, suggested videos or by navigating to other videos hosted on the same site), are not within the control or responsibility of SAP.

Beta and Other Experimental Features

Experimental features are not part of the officially delivered scope that SAP guarantees for future releases. This means that experimental features may be changed by SAP at any time for any reason without notice. Experimental features are not for productive use. You may not demonstrate, test, examine, evaluate or otherwise use the experimental features in a live operating environment or with data that has not been sufficiently backed up.

The purpose of experimental features is to get feedback early on, allowing customers and partners to influence the future product accordingly. By providing your feedback (e.g. in the SAP Community), you accept that intellectual property rights of the contributions or derivative works shall remain the exclusive property of SAP.

Example Code

Any software coding and/or code snippets are examples. They are not for productive use. The example code is only intended to better explain and visualize the syntax and phrasing rules. SAP does not warrant the correctness and completeness of the example code. SAP shall not be liable for errors or damages caused by the use of example code unless damages have been caused by SAP's gross negligence or willful misconduct.

Bias-Free Language

SAP supports a culture of diversity and inclusion. Whenever possible, we use unbiased language in our documentation to refer to people of all cultures, ethnicities, genders, and abilities.

© 2026 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company. The information contained herein may be changed without prior notice.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies.

Please see <https://www.sap.com/about/legal/trademark.html> for additional trademark information and notices.

