



SAP Cloud ALM

Change & Deployment Management

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Public



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Agenda

Introduction SAP Cloud ALM

Objectives of Deployment Management

Feature for Deployment

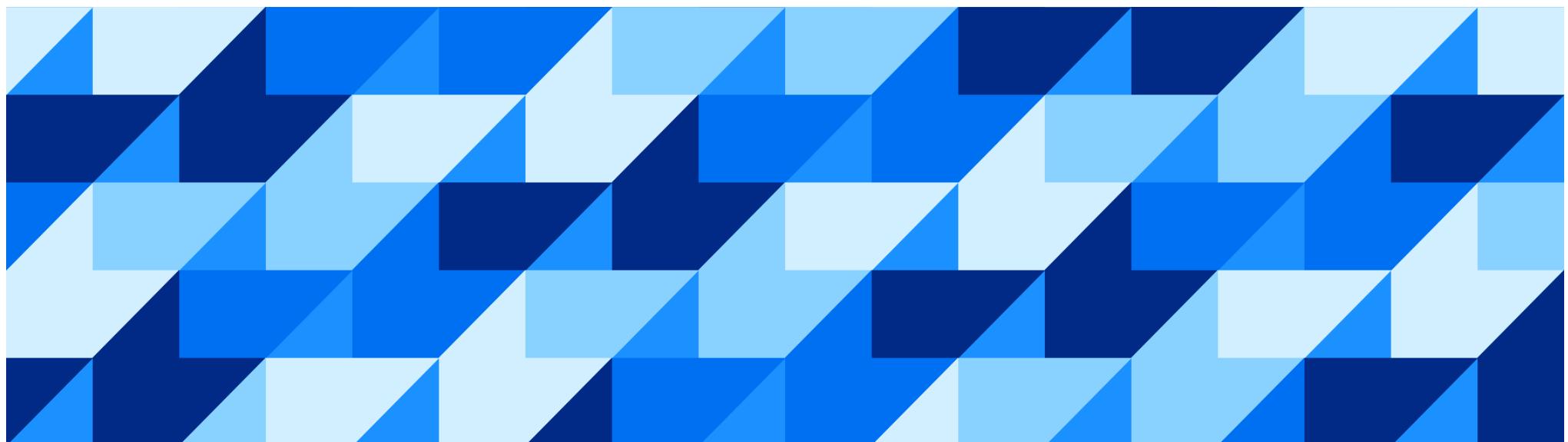
- What is a feature?
- Feature workflow
- Action in features

Supported Solutions & Setup

Capabilities & Functions and functions

Outlook & Further Information

Introduction SAP Cloud ALM



Introduction to SAP Cloud ALM for Implementation

What is SAP Cloud ALM?



For the intelligent enterprise

- for cloud-centric customers
- Manages cloud and hybrid solutions
- Supports all components of the Intelligent Enterprise

In the public cloud

- Rethought, newly designed, and built on modern cloud technology
- Immediate consumption, always up to date
- Cost-efficient for customers

Supporting 7700+ Customers and Partners in Implementation and Operations*

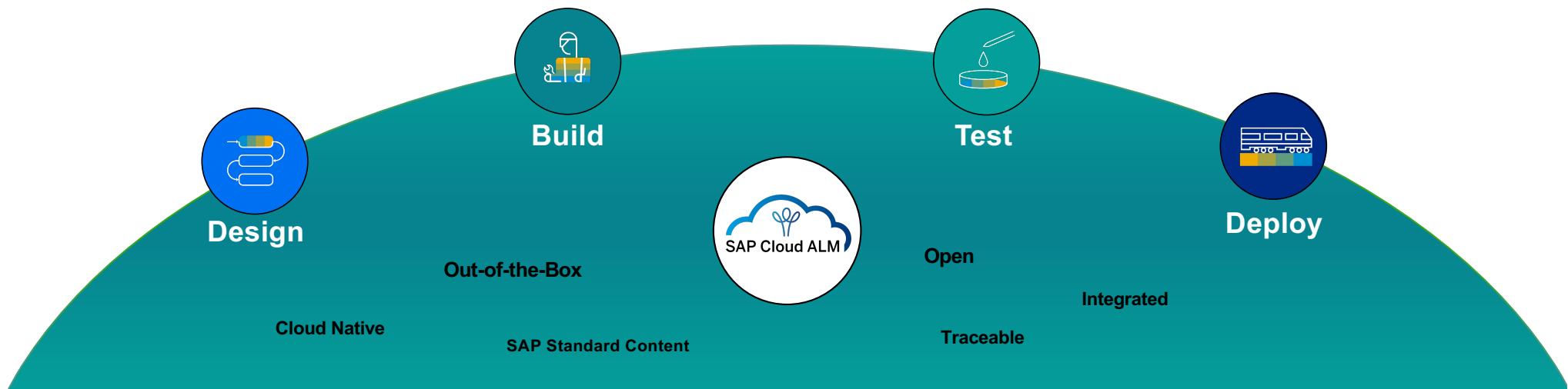
Application Lifecycle Management for the Intelligent Enterprise



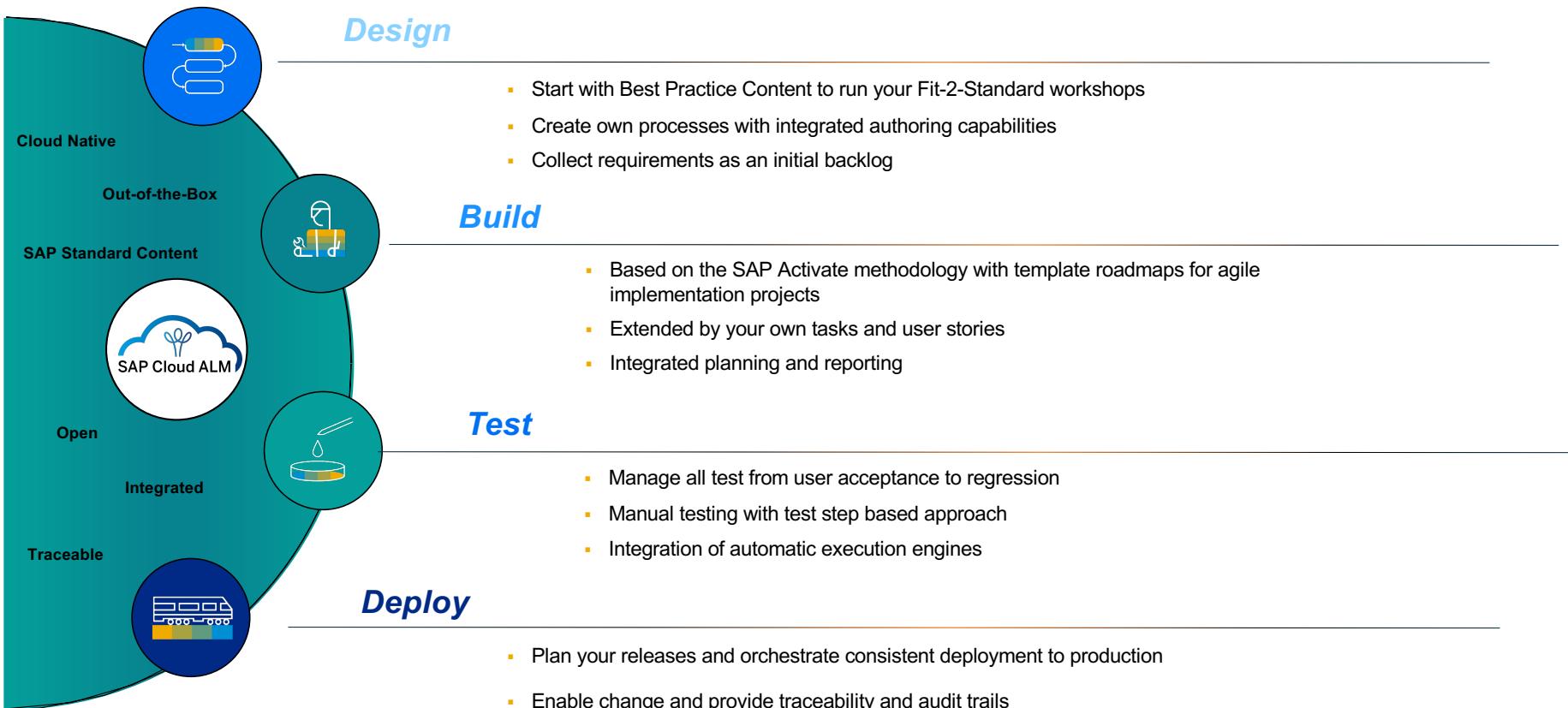
**Customers receive all they need to implement and operate
their SAP solution with SAP Enterprise Support**

ALM for Implementation

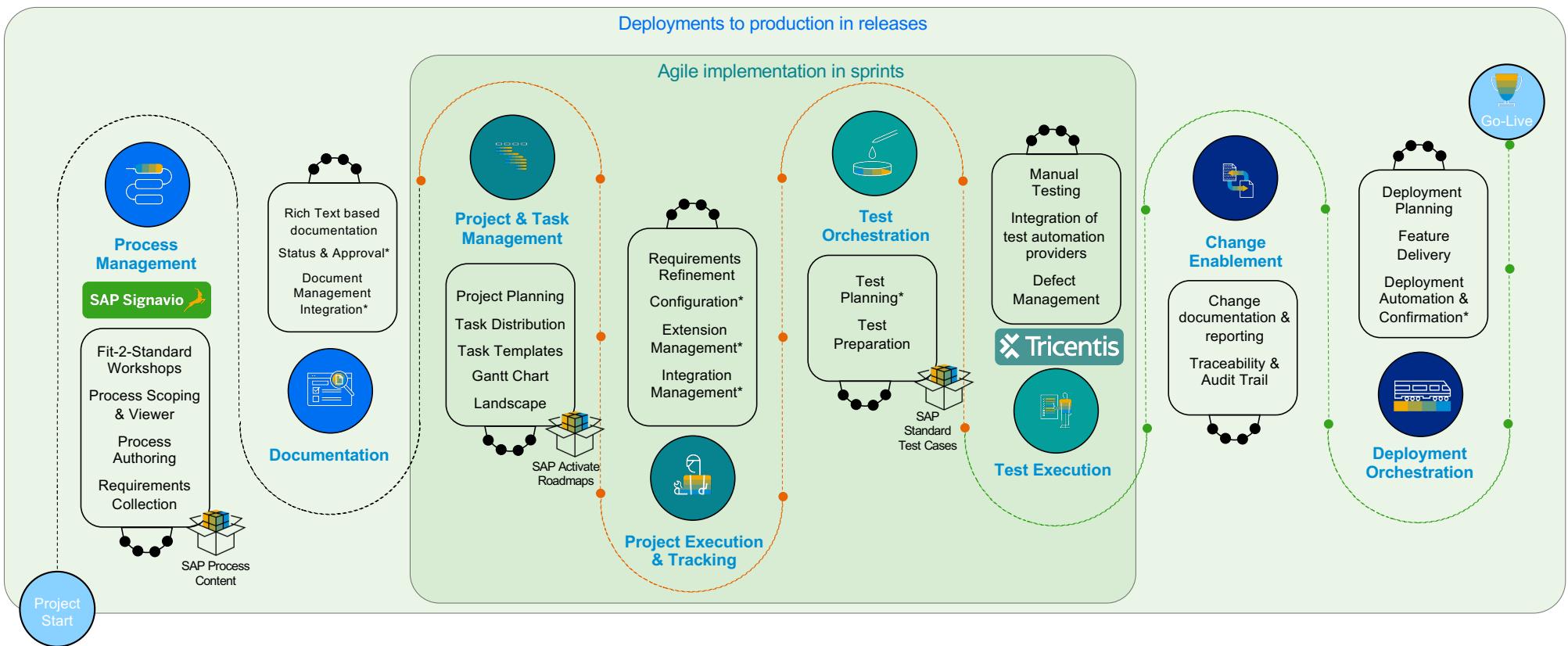
SAP Cloud ALM provides the harmonized implementation experience for the intelligent enterprise, covering all relevant SAP solutions for all customers



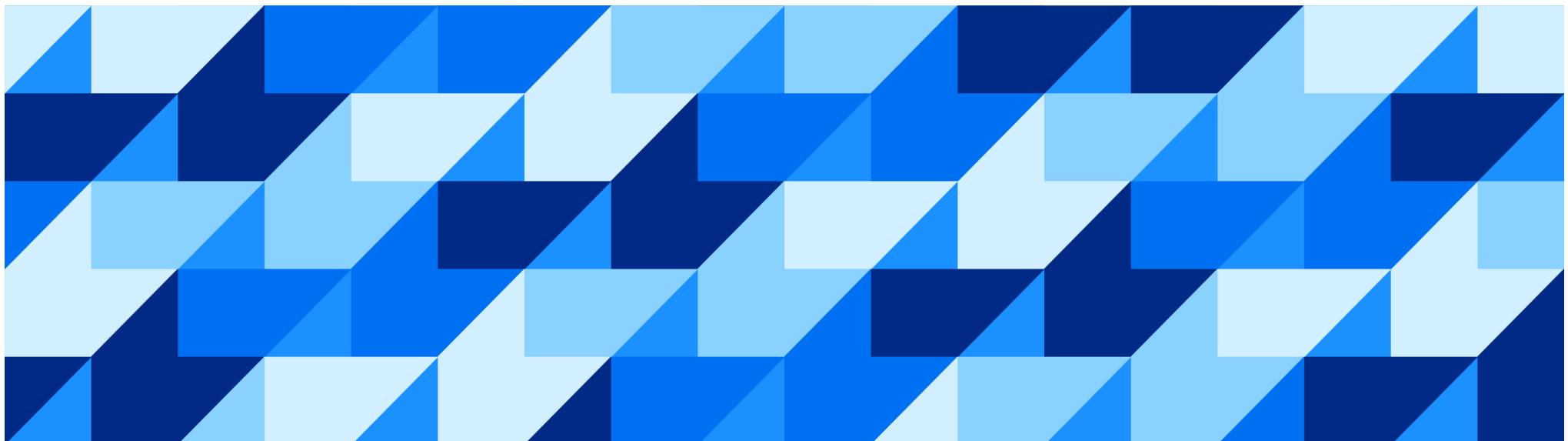
Design, Build, Test and Deploy with SAP Cloud ALM



Capabilities in detail



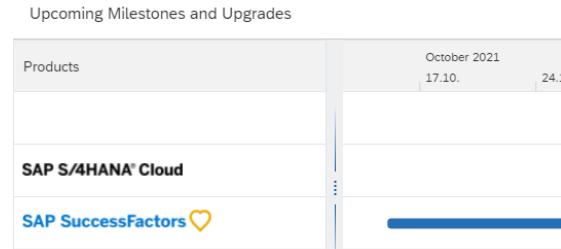
Objectives of Deployment Management



Objectives of Deployment Management

Description	Transports (2)	Relations (0)
Transports (2)		
ID	Title	Status
Export Tenant: CPI_CF_DEV	ODataAPIforSalesOrder - Test	Deployed in CPI_CF_PRD
540		
Export Tenant: O11-000		
O11K903278	Import Demo	Deployed in O13-000

Accelerates the delivery process with orchestrating heterogeneous transport mechanisms

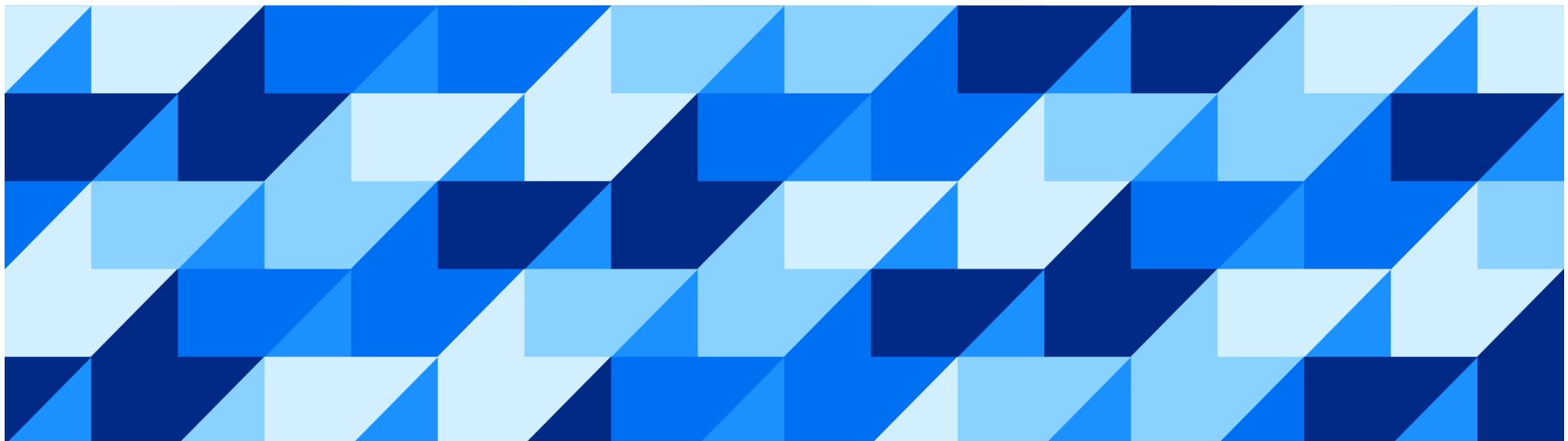


Ensures reliability by making upgrades and changes a non-event with **orchestrated go-live** based on releases

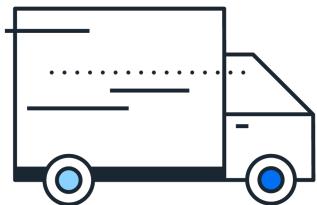
Title	Feature Status	Transport
<input type="checkbox"/> Reporting for Deliverables Finance China	In implementation	
<input type="checkbox"/> Configure 4-eye approval for approval workflow Finance China	In Specification	
<input type="checkbox"/> Contacting Team Members Finance China	In implementation	

Increases transparency via **built-in traceability** to keep track of the deployment of your changes throughout your landscape

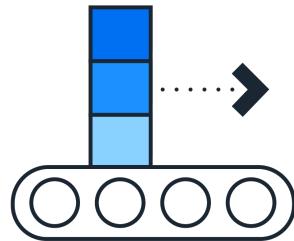
Feature for Deployment



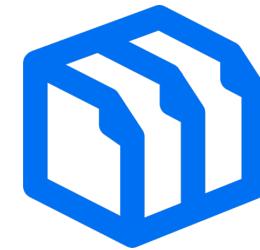
What is a Feature?



A **vehicle** to deploy **functionality** throughout your landscape and ensure traceability via history



An **orchestrator** of different transport containers for **various software components**



A container of **landscape information** and **production deployment approval**

Yet to come...

- Integration of test management

Business Object - Feature

- Feature is the entity for change documentation and deployment orchestration
- Easily assign transports and trigger their deployment throughout your landscape
- Traceability ensured via the history of a feature

Warehouse Management Demo Feature

Feature

Release: Wave 8 Nov 20, 2023 - Dec 15, 2023 Status In Testing Priority High

Responsible: Moritz Gysler

Description Transports (2) User Stories (0) Project Tasks (0) Additional Information

Some description

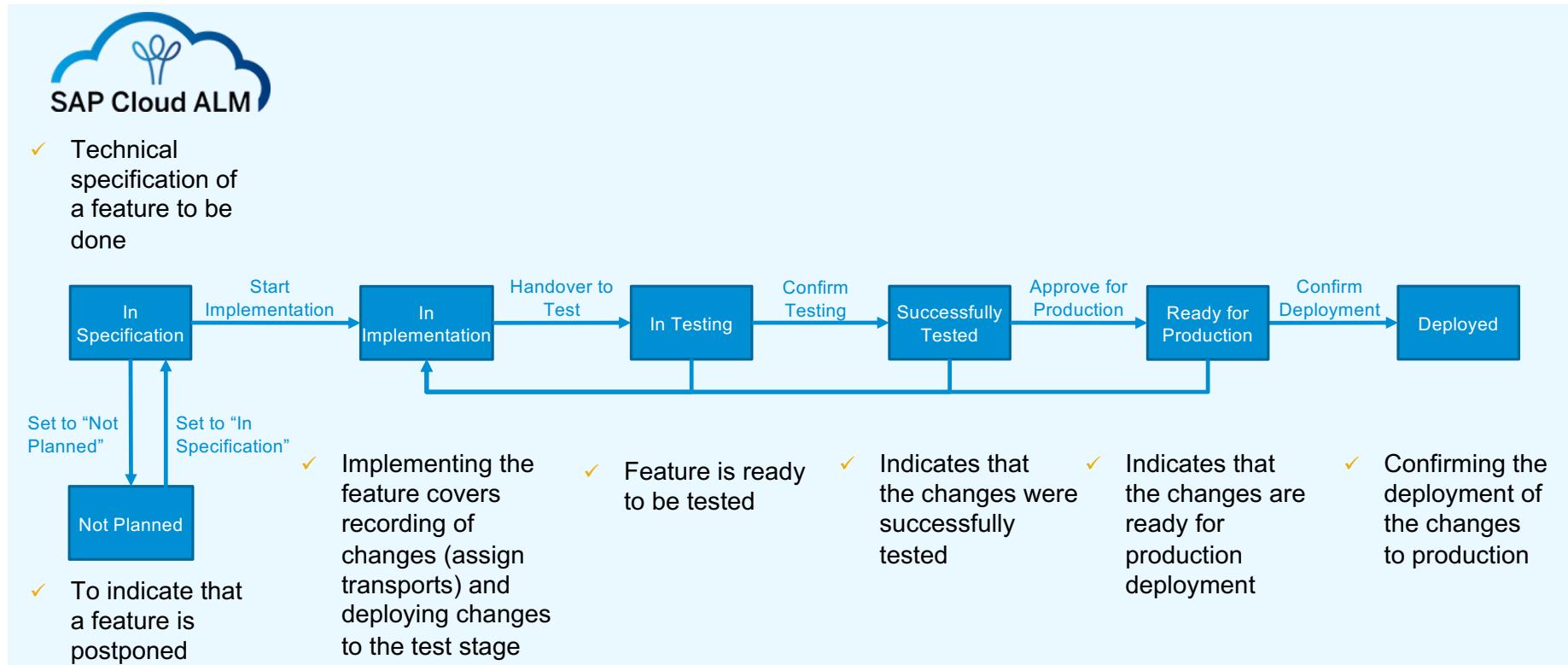
Transports (2)

ID / Type	Title	Status	Target Tenant
2789	ODataV4DataMapping - Demo Config	Deployed in cdm_cpi_test	cdm_cpi_prod
011K907053	6-714: Warehouse Management Demo Feature	Deployed in O12~200	O13~200

History

- Moritz Gysler 11/24/23 at 9:48 AM Status was changed to In Testing From: In Implementation
- Moritz Gysler 11/24/23 at 9:44 AM Deployment of transport request is scheduled in cdm_cpi_test 2789
- Moritz Gysler 11/24/23 at 9:44 AM Deployment of transport request is scheduled in O12~200 011K907053
- Moritz Gysler 11/24/23 at 9:42 AM Release of transport request is scheduled in O11 011K907053
- Moritz Gysler 11/24/23 at 9:38 AM Creation of transport of copies is scheduled in O11~100 for 011K907053

Feature Workflow



Actions per Role in Features

Note: Deployment Manager role needs to be combined with either the Project Member or the Project Lead role.

Action	Project Admin	Project Lead	Deployment Manager	Project Member	Project Viewer	Developer
Display feature + history	yes	yes	no	yes	yes	yes
Create feature	yes	yes	no	yes	no	no
Edit feature	yes	yes	no	yes	no	yes
Delete feature	yes	yes	no	yes	no	no
Create user stories / project tasks	yes	yes	no	no	no	no
Assign + unassign transports	yes	yes	no	yes	no	yes
Assign + unassign user stories	yes	yes	no	yes	no	no
Create transports	yes	yes	no	yes	no	yes
Create transport of copies (TOC)	yes	yes	no	yes	no	yes
Release transports	yes	yes	no	yes	no	no
Deploy transports	yes	no	yes	no	no	no
Perform Transport Checks	yes	yes	no	yes	no	yes
Display Transport Check Results	yes	yes	yes	yes	yes	yes

Status Actions per Role in Features

Note: Change Manager role needs to be combined with either the Project Member or the Project Lead role.

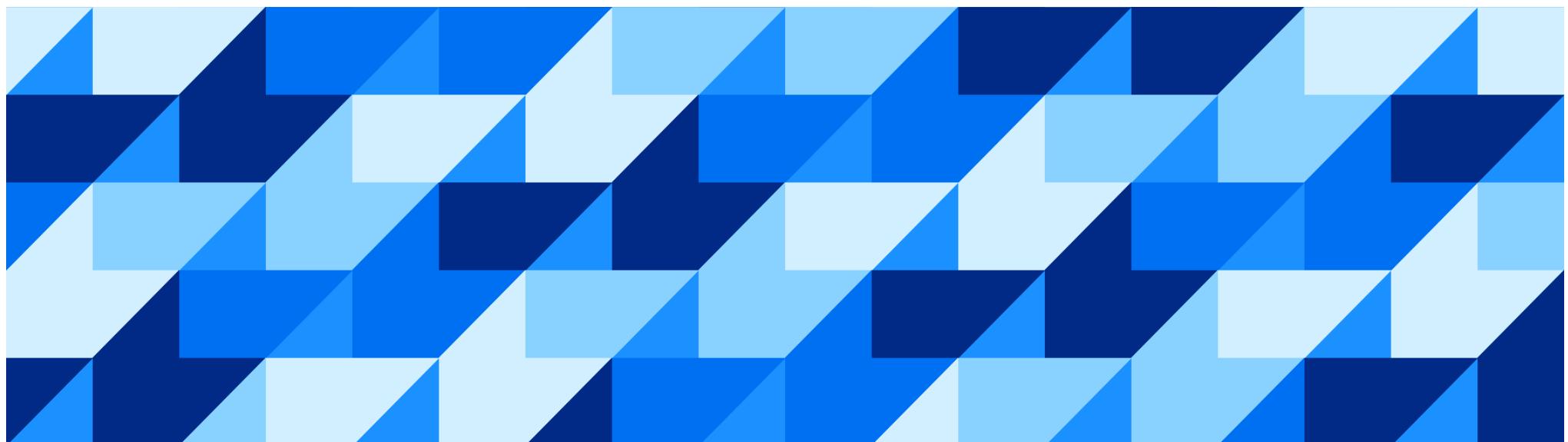
Action	Project Admin	Project Lead	Change Manager	Project Member	Project Viewer	Developer
Set to “Not Planned”	yes	yes	no	no	no	no
Start Implementation	yes	yes	no	no	no	yes
Handover to Test	yes	yes	no	no	no	yes
Confirm Successful Test	yes	yes	no	no	no	no
Approve for Production	yes	no	yes	no	no	no
Confirm Deployment	yes	yes	no	yes	no	no

Transport Activities per Feature Status

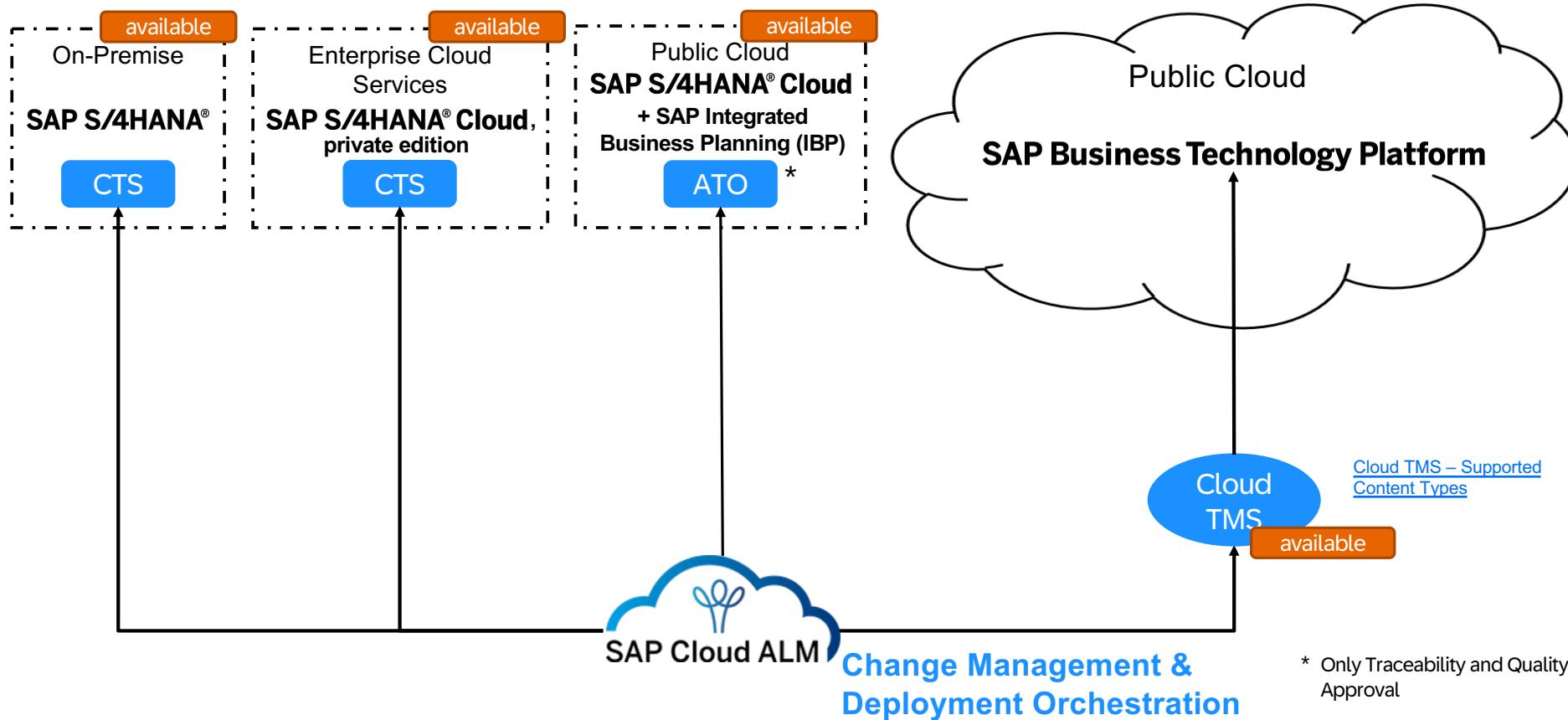
The table below illustrates which transport activities are enabled in which feature status:

Feature Status	Create	Assign	Create TOC	Release	Unassign	Deploy
Not Planned	no	no	no	no	yes	no
In Specification	yes	yes	no	no	yes	no
In Implementation	yes	yes	yes	yes	yes	yes
In Testing	yes	yes	yes	yes	yes	yes
Successfully Tested	no	no	no	yes	no	yes
Ready for Production	no	no	no	yes	no	yes
Deployed	no	no	no	no	no	no

Supported Solutions & Setup



Deployment integration



Enabling Transport Management

Set up integration with SAP Cloud ALM

Example: CTS integration

The screenshot shows the SAP Cloud ALM integration setup interface. The main area is divided into four sections:

- 1. Choose existing destination or provide a new destination name**: A field labeled "Target ALM Description" contains "CALM_DEV". Below it, "Last changed by:" and "Last changed at: 2023-09-11 22:39:21" are shown.
- 2. Maintain HTTP destination**: Buttons for "Create/Update destination" (with a checkmark) and "Delete destination".
- 3. Enter background user and register system**: A "Background User" dropdown, a note about a scheduler job running, and buttons for "Register" and "Unregister".
- 4. Choose usecase(s) to be collected**: A table showing 5/11 Configured tasks. The first task is "Feature Deployment: Manage Transports per Client". A blue arrow points from the "Configure tasks" button in step 4 to this table.

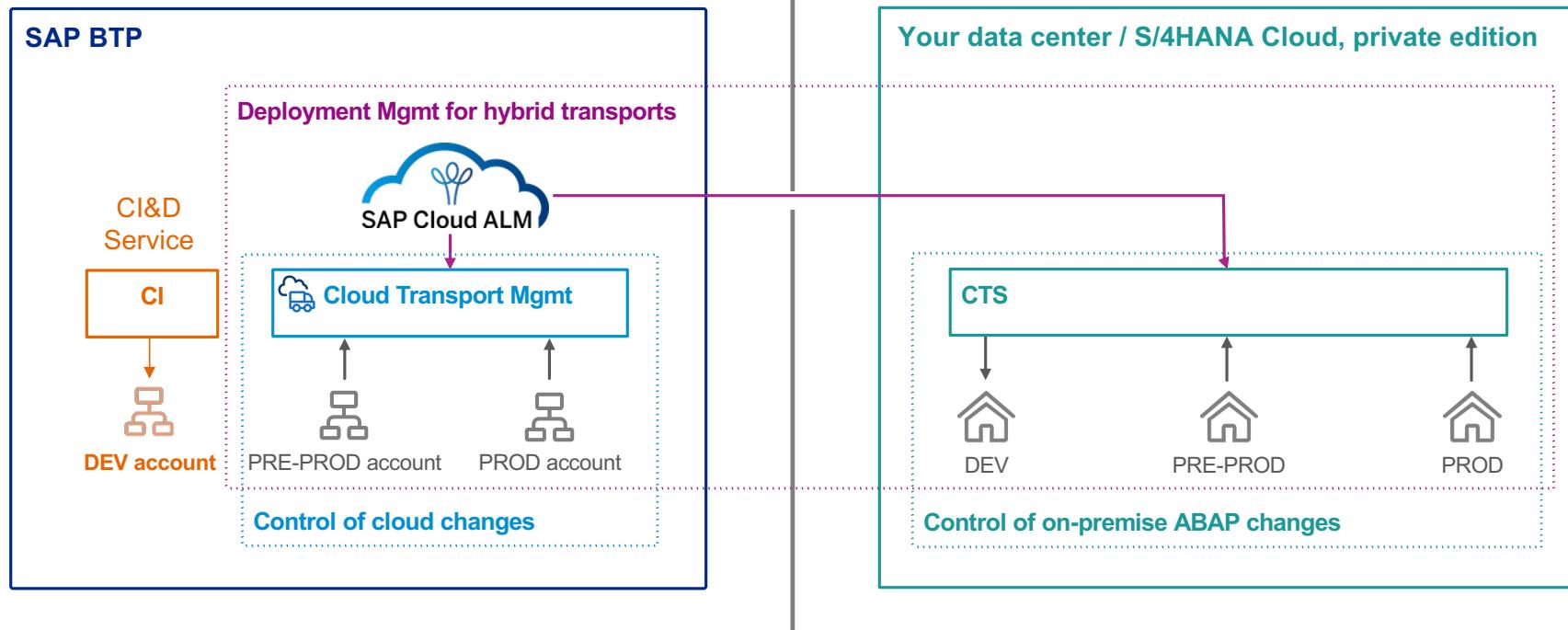
On the right side, there is a sidebar titled "Available Tasks" with a table:

Active	Task Description	Collection inter...
<input type="checkbox"/>	Feature Deployment: Manage Transports per Client	1
<input checked="" type="checkbox"/>	Feature Deployment: Import Transports	5
<input checked="" type="checkbox"/>	Feature Deployment: Read Transport Landscape	15
<input checked="" type="checkbox"/>	Feature Deployment: Manage Transports	10

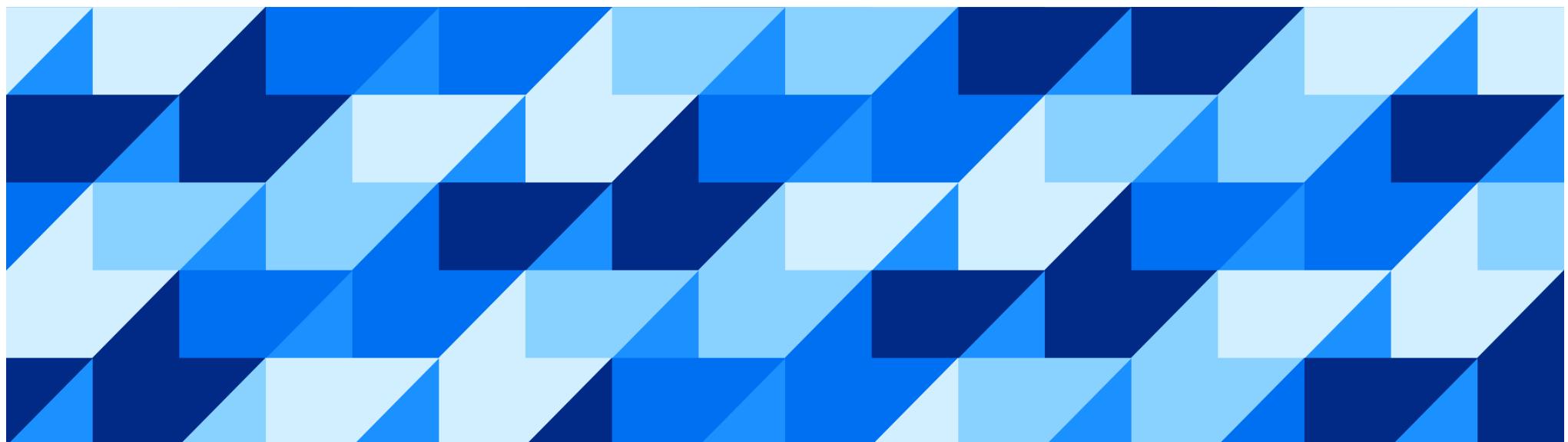
Please find the setup information in our [Setup & Administration Guide](#)

Deliver your Changes toward Production

Holistic picture of delivery approaches – with SAP Cloud ALM



Capabilities & Functions



Create Feature from Requirement

- Simply create features from a requirement
- Document the changes necessary to implement a requirement in the related features
- Navigate from the requirement to the related features easily

The screenshot shows a project management interface with two main sections. The top section displays a requirement card for "Sales Org adjustment" with status "Approved". It includes fields for Requirement Status (In Realization), Priority (High), Due Date (Feb 18, 2022), and Assignee (Not Assigned). Below the card are tabs for Description, User Stories (2), Project Tasks (1), Features (3), Test Cases (4), References, and Additional Information. A modal window titled "Create" is open, showing options: User Story, Project Task, and Feature, with "Feature" highlighted by a red box. The bottom section shows a list of three features under the "Features (3)" tab. Each feature has a title ("Feature for Sales Org adjustment") and a status ("Ready for Deployment", "In Specification", or "Ready for Deployment").

Title	Status
Feature for Sales Org adjustment	Ready for Deployment
Feature for Sales Org adjustment	In Specification
Feature for Sales Org adjustment	Ready for Deployment

Create User Stories and Project Tasks from Feature

- Simply create user stories and project tasks to relate them to a feature
- Distribute your implementation efforts by utilizing user stories

The screenshot shows a software interface for managing project features. At the top, there's a header bar with a back arrow, a search bar, and several buttons: 'Edit', 'Handover to Test', 'Create >', and a refresh icon. Below the header, the title 'Feature for Reporting of Deliverables' is displayed, along with a 'Feature' icon. A navigation bar below the title includes tabs for 'Description', 'Transports (1)', 'User Stories (1)', 'Project Tasks (0)', and 'Additional Information'. The 'User Stories (1)' tab is currently selected. A modal window is open over the main content, titled 'User Story' with a 'Project Task' sub-section. The main content area shows a table for 'User Stories (1)'. The table has columns for 'Title' and 'Status'. One row is listed: 'User Story for Feature for Reporting of Deliverables' with a status of 'Open'. Below this, another section for 'Project Tasks (0)' is shown, with a message indicating 'There are no related project tasks created yet.'

Assign User Stories to Feature

- In Edit mode you can assign user stories to a feature to deploy changes of different user stories together

Feature for Reporting of Deliverables

Feature

Description Transports (1) User Stories (1) Project Tasks (0) Additional Information

User Stories (1)

Title	Status
User Story for Feature for Reporting of Deliverables	Open X

[Assign](#)

[Save](#) [Save and Close](#) [Cancel](#)

The screenshot shows a software application window titled 'Feature for Reporting of Deliverables'. Below the title is a small icon labeled 'Feature'. Underneath the title, there are tabs: 'Description', 'Transports (1)', 'User Stories (1)' (which is underlined, indicating it's active), 'Project Tasks (0)', and 'Additional Information'. A sub-section titled 'User Stories (1)' is displayed. It contains a single row in a table with two columns: 'Title' and 'Status'. The 'Title' column contains the text 'User Story for Feature for Reporting of Deliverables'. The 'Status' column contains a button labeled 'Open' and a close button labeled 'X'. At the bottom of the window, there are three buttons: 'Save' (in blue), 'Save and Close' (in light blue), and 'Cancel'. A circled blue box highlights the 'Assign' button located above the table.

Release Transports from Feature

- Release transports from within a feature directly in the managed system – for CTS transports only
- Follow the steps in the [Setup & Administration Guide](#) to enable the release functionality

The screenshot shows a software interface for managing features. At the top, there's a header bar with tabs for 'Edit', 'Handover to Test', 'Create', and other options. Below the header, the main area displays a 'Feature for Reporting of Deliverables' card. The card includes fields for 'Release' (set to 'In Implementation'), 'Status' (set to 'Medium'), and 'Priority'. Below the card, there are tabs for 'Description', 'Transports (1)', 'User Stories (1)', 'Project Tasks (0)', and 'Additional Information'. The 'Transports (1)' tab is selected, showing a table with one row. The table has columns for 'ID', 'Title', 'Status', and 'Target Tenant'. The row contains the ID 'O11K904495', the title 'Test for Release', and the target tenant 'O12~200'. To the right of the table, there are buttons for 'Release' (which is highlighted with a green box) and 'Deploy'. A modal dialog box is open over the table, titled 'Release'. It contains a message asking if the user wants to release all transport requests, noting that only requests in 'Modifiable' status can be released. It lists the single transport request 'O11K904495'. At the bottom of the dialog are 'Release' and 'Cancel' buttons.

Repair Transports assigned to Features

- Features cannot be deployed to the next system as long as an assigned transport is in a failed status
- The transport error must be corrected before the status can be set to repaired
- Status repaired indicates that the feature can be deployed to the next system

The image contains two screenshots of the SAP Fiori interface for customizing chart of accounts.

Screenshot 1 (Top): Deployment Error

This screenshot shows a deployment error dialog. The title is "Customizing for chart of accounts". The "Transports" tab is selected. A message box displays: "Deployment error" and "Transports with status 'Failed' are to be deployed. Please repair the transports and set their statuses to 'Repaired' first." An "OK" button is at the bottom right. Below the message box is a table:

ID	Title	Status	Target Tenant
O11K900161	Customizing for Chart of Accounts	Failed in O12	Set status to repaired

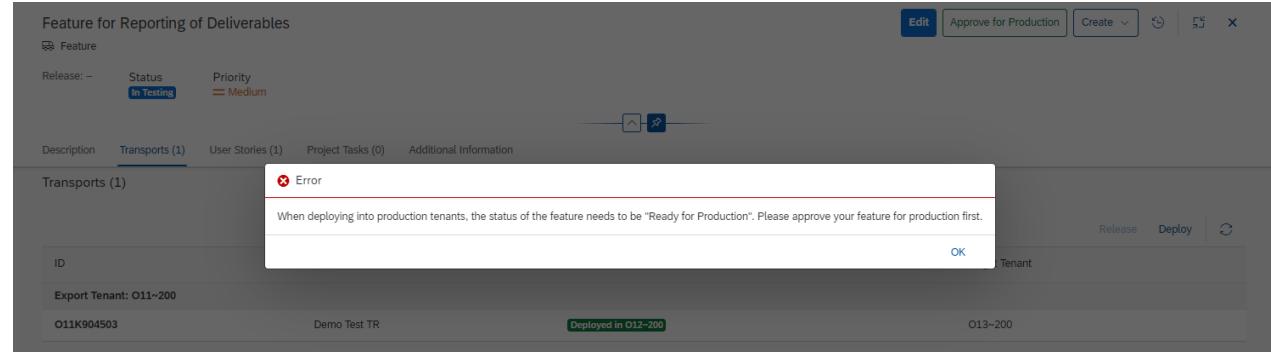
Screenshot 2 (Bottom): Transport Status after Repair

This screenshot shows the same interface after the transport has been repaired. The message box is gone, and the table now shows two entries:

ID	Title	Status	Target Tenant
O11K900161	Customizing for Chart of Accounts	Repaired in O12	O13
O11K900236	Adjusted customizing for chart of accounts	Deployed in O12	O13

Deployment Approval for Production Deployment

- Features in SAP Cloud ALM know about the transport tracks of connected system landscapes via the landscape push configured during system connection
- Deployment to the production system of the transport track will only work in feature status “Ready for Production”



Transports in Features Overview

- Filter in the features overview for features with transports assigned or not assigned
- Search for transport IDs to figure out to which feature transports are assigned
- Easily figure out which features are not yet touched since no transports assigned

The screenshot shows the 'Features Overview' page with the following filters applied:

- Project: 01SAP Cloud ALM D...
- Scope: Demo Sco... (selected)
- Status: (empty dropdown)
- Priority: (empty dropdown)
- Release: (empty dropdown)
- Workstream: (empty dropdown)
- Transports: Not Assigned (selected)

The results table displays four features:

Title	Status	Priority	Release	Scope	Workstream	Transports
Feature for Requirement for Accounting and Financial Close (J58) - OData Service creation	In Specification	=	Demo Scope October 10			
Feature for Requirement for Accounts Payable (J60) - Accounts configuration	In Specification	=	Demo Scope October 10			
Feature for Requirement for Accounts Payable (J60) - Field customizing	In Specification	=	Demo Scope October 10			
Feature for Requirement for Accounts Payable (J60) - Partner mapping	In Specification	=	Demo Scope October 10			

The screenshot shows the 'Features Overview' page with the following filters applied:

- Project: 01SAP Cloud ALM D...
- Scope: (empty dropdown)
- Status: (empty dropdown)
- Priority: (empty dropdown)
- Release: (empty dropdown)
- Workstream: (empty dropdown)
- Transports: (empty dropdown)

The results table displays one feature, which has a transport ID assigned:

Title	Status	Priority	Release	Scope	Workstream	Transports
Feature for 4-eyes approval workflow (BD9) - "field creation"	Ready for Production	=				O11K904409

Hybrid Transport Management

- Features can include transports for SAP on-premise and cloud solutions
- Orchestration of deployment to production for different solutions can be handled via SAP Cloud ALM now
- Synchronized deployment of changes to different production systems can be achieved by using features

The screenshot shows a SAP Cloud ALM interface for a feature titled "Hybrid change for Demo". The feature has a status of "Deployed" and a priority of "High". It has two transports listed under the "Transports" tab. A red box highlights the transport details for two entries:

ID	Title	Status	Target Tenant
11420	RESTAPINEW - Test for hybrid	Deployed in CALM-CDM-CPI-2	Export Tenant: CALM-CDM-CPI-1
O11K904008	Test for hybrid changes	Deployed in O13~200	Export Tenant: O11~200

Release Management (1/3)

- Create a deployment plan in the Projects and Setup application
- Define your releases to divide the release into timeboxes to frame your production go-live
- Assign the deployment plan to a project in order to use the releases for deployment planning

The image consists of three screenshots from the SAP S/4HANA Cloud interface, showing the process of creating and assigning a deployment plan.

- Manage Projects:** Shows the "Deployment Plans" tab selected. A list of deployment plans is shown, including "2022 H1", "2022 H2", "Acron Group Deployment Plan", "Acron Heating H2R DP", "Demo Deployment Plan" (which is highlighted), "H2R DP 1910", "Hello Release", and "Release H1 / 2022".
- Demo Deployment Plan:** A detailed view of the "Demo Deployment Plan". It includes "General Information" (Title: Demo Deployment Plan, Description: Deployment Plan for Demo) and a "Releases" section with four entries: "Release 1" (Oct 5, 2022 - Nov 4, 2022), "Release 2" (Nov 5, 2022 - Dec 3, 2022), "Release 3" (Dec 4, 2022 - Jan 6, 2023), and "Release 4" (Jan 7, 2023 - Feb 4, 2023).
- Change and Deployment Project:** Shows the "Deployment Landscape" tab selected. It displays the "Deployment Plan" dropdown, which has "Demo Deployment Plan" selected. Other options in the dropdown include "Not Selected", "2022 H1", "2022 H2", "Acron Group Deployment Plan", "Acron Heating H2R DP", "Demo Deployment Plan" (highlighted with a cursor), "H2R DP 1910", "Hello Release", and "Release H1 / 2022". The status bar at the top right shows "On Track".

Release Management (2/3)

- Requested release can be assigned to a requirement to indicate a planned release to production
- The feature related to the requirement holds the actual deployment date by the assigned release
- The end date of the release can be seen as the go-live date

The image contains two screenshots of SAP Fiori screens. The top screenshot shows a requirement card for 'Central procurement integration S/4 and Ariba'. The bottom screenshot shows a feature card for the same project. Both cards have a green box highlighting the 'Requested Release' field under the 'Status and Planning' section.

Requirement Card (Top):

Additional Information	
Context	Status and Planning
Project: Change and Deployment Project	Approval: Approved
Scope: Sourcing and Procurement	Requirement Status: In Testing
Solution Scenario: SAP Best Practices for SAP S/4HANA (2022)	Priority: Medium
Solution Process: Guided Buying for Central Procurement with SAP Ariba Buying (3EN)	Requested Release: Release 3 Dec 4, 2022 - Jan 6, 2023
Workstream: -	

Feature Card (Bottom):

Additional Information	
Context	Status and Planning
Project: Change and Deployment Project	Status: Ready for Production
Scope: Sourcing and Procurement	Priority: Medium
Workstream: Integration	Release: Release 3 Dec 4, 2022 - Jan 6, 2023
Requirement: Central procurement integration S/4 and Ariba	

Release Management (3/3)

- Based on the status and the release the features to be deployed to production can be figured out easily
- As soon as all features related to a requirement are deployed to production you can confirm the requirement

Features Overview

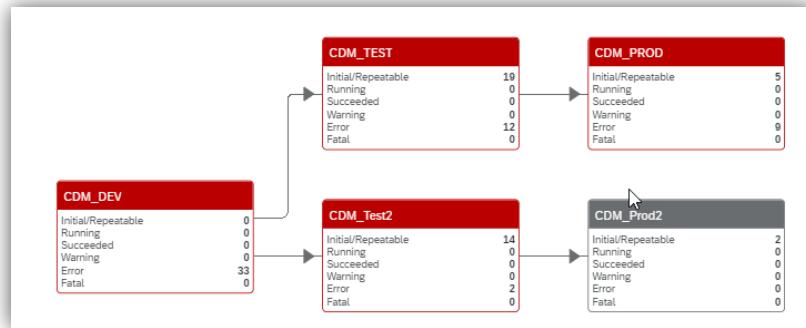
Analytics

Project: Change and Deployment Scope: Status: Ready for Pr... Priority: Release: Release 3 Workstream: Transports: Adapt Filters

Search Features (3) Create Deploy to Production

Title	Status	Priority	Release	Scope	Workstream	Transports
Demo Feature	Ready for Production	=	Release 3 Dec 4, 2022 - Jan 6, 2023	Material Management [MM]	O11K904491	>
Demo Feature 2	Ready for Production	=	Release 3 Dec 4, 2022 - Jan 6, 2023	Manufacturing	O11K904493	>
Feature for Central procurement integration S/4 and Ariba	Ready for Production	=	Release 3 Dec 4, 2022 - Jan 6, 2023	Sourcing and Procurement	Integration	O11K904465

Support of Complex Landscapes



- Manage complex Cloud Transport Management landscapes and TMS target groups within a feature
- Multiple deployment targets (transport nodes) per transport will be supplied by a single deploy action within a feature

The screenshot shows a software interface for managing complex transport landscapes. At the top, there's a navigation bar with 'Edit', 'Handover to Test', 'Create', and other icons. Below it is a feature card with the title 'New Feature for CTMS complex' and a 'Feature' icon. The card includes tabs for 'Description', 'Transports (1)', 'User Stories (0)', 'Project Tasks (0)', and 'Additional Information'. A 'Transports (1)' section is expanded, showing a table with columns: ID, Title, Status, and Target Tenant. The table has two rows:

ID	Title	Status	Target Tenant
11433	Test	Repaired in CDM_TEST Repaired in CDM_Test2	CDM_PROD CDM_Prod2

At the bottom right of the interface are 'Release' and 'Deploy' buttons.

Deploy several Features to Production

- Deploy several features together to production for a given release
- Features will be checked for the status “Ready for Production” and whether all assigned transports are ready to be deployed to the production systems

Features Overview

Analytics

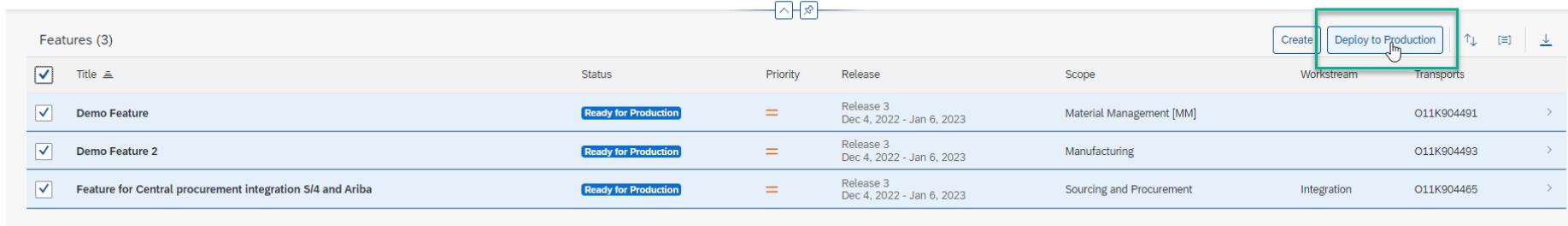
Project: Scope: Status: Priority: Release: Workstream: Transports:

Search Change and Deployme... Ready for Pr... Release 3 Workstream Transports Adapt Filters

Features (3)

<input checked="" type="checkbox"/> Title	Status	Priority	Release	Scope	Workstream	Transports
Demo Feature	Ready for Production	=	Release 3 Dec 4, 2022 - Jan 6, 2023	Material Management [MM]	O11K904491	>
Demo Feature 2	Ready for Production	=	Release 3 Dec 4, 2022 - Jan 6, 2023	Manufacturing	O11K904493	>
Feature for Central procurement integration S/4 and Ariba	Ready for Production	=	Release 3 Dec 4, 2022 - Jan 6, 2023	Sourcing and Procurement	Integration	O11K904465 >

Create Deploy to Production



Assign Tags to Features

- Easily assign tags to features to categorize them in a convenient way
- Creation of new tags is possible by entering a new tag label and existing tags are suggested via the drop down when you start typing
- Tags are shown in the Features Overview and can be used to filter the list of features

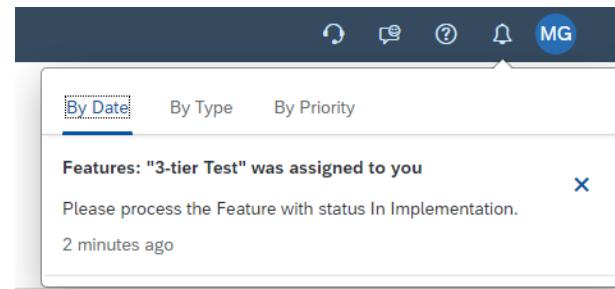
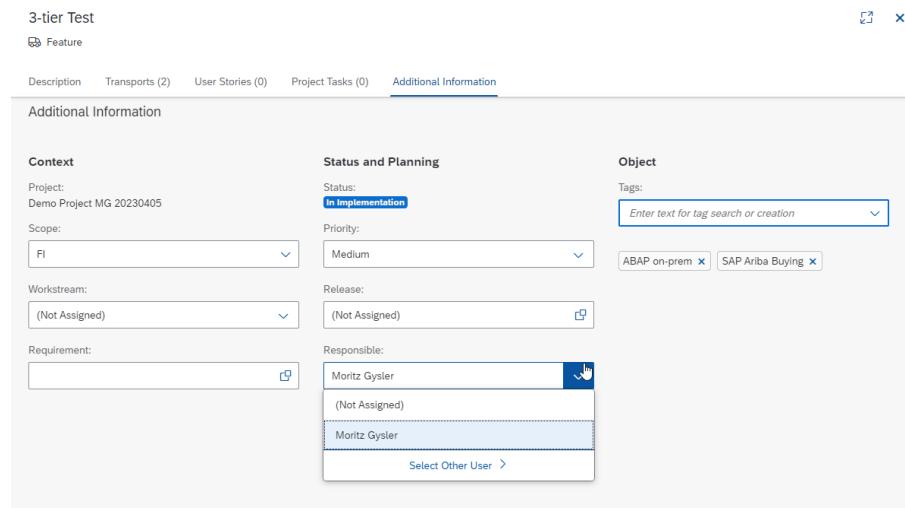
The screenshot illustrates the SAP Fiori user interface for managing features. At the top, a modal window titled '3-tier Test' is open under the 'Feature' category. The 'Additional Information' tab is selected. In the 'Object' section, there is a 'Tags' input field containing 'Enter text for tag search or creation' with a dropdown arrow, and a suggestion list showing 'ABAP on-prem' and 'SAP Ariba Buying'. Below this, the 'Status and Planning' section shows the status as 'In Implementation'. The main view shows a 'Features Overview' table with one item:

Title	Status	Priority	Responsible	Release	Scope
3-tier Test	In Implementation	=	Moritz Gysler		FI

The table also includes columns for 'Status', 'Priority', 'Responsible', 'Release', and 'Scope'. The 'Tags' column at the bottom of the table lists 'ABAP on-prem' and 'SAP Ariba Buying'.

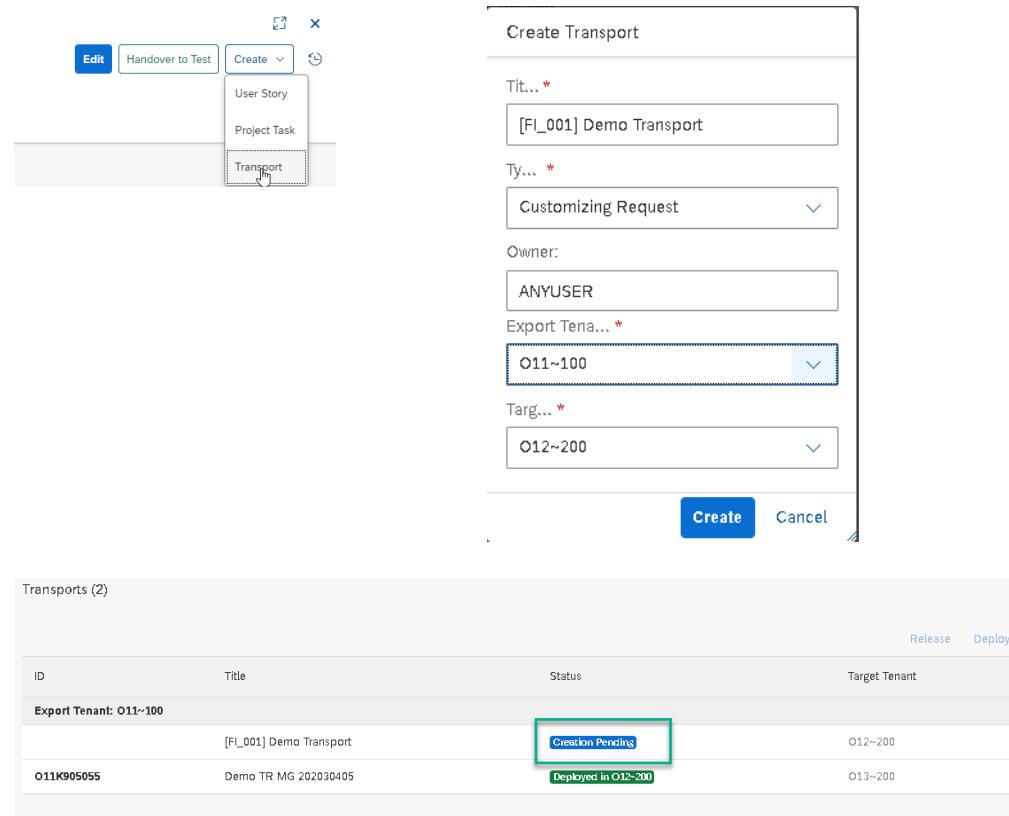
Assign Responsible to Features

- Assign a responsible person to a feature
- Supports you in figuring out who is the one in charge of the feature
- By assigning a new responsible to a feature an in-app notification is triggered
- Via the notification the responsible can navigate to the feature from the notification area in the shell bar



Create Transports from a Feature

- Creation of transport requests from a feature is possible for
 - SAP S/4HANA on-premise,
 - SAP S/4HANA Cloud, private edition,
 - SAP NetWeaver Application Server for ABAP on-premise
- As a prerequisite the export tenant (development client) must be assigned to a system group and the system groups must be assigned to your project through the corresponding deployment plan
 - Find more information in following blog post:
<https://blogs.sap.com/2023/04/06/create-transport-requests-from-features-in-sap-cloud-alm/>



The screenshot illustrates the process of creating a transport request from a feature in SAP Cloud ALM. It consists of two main parts:

- Create Transport Dialog:** A modal window titled "Create Transport" is open. It contains fields for "Title" (set to "[FI_001] Demo Transport"), "Type" (set to "Customizing Request"), "Owner" (set to "ANYUSER"), "Export Tenant" (set to "O11~100"), and "Target Tenant" (set to "O12~200"). At the bottom are "Create" and "Cancel" buttons.
- Transports List:** Below the dialog, a table titled "Transports (2)" shows the created transport. The table has columns: ID, Title, Status, and Target Tenant. One row shows the transport with ID "O11K905055", Title "[FI_001] Demo Transport", Status "Creation Pending" (highlighted with a green border), and Target Tenant "O12~200". The second row shows another transport with ID "O11K905055", Title "Demo TR MG 202030405", Status "Deployed in O12~200" (highlighted with a green border), and Target Tenant "O13~200".

Add Transport Reference

- Add manual references of transports to your features which cannot be managed from a deployment perspective by SAP Cloud ALM
- In Edit mode you can add a transport reference with an ID (mandatory), a Title and a URL
- By clicking the ID you can navigate, e.g. to the Configuration Center of SAP SuccessFactors to check out the Configuration Bundles easily

The image consists of three vertically stacked screenshots of the SAP Cloud ALM interface, specifically the 'Configuration for SuccessFactors' feature.

- Screenshot 1:** Shows the 'Transports (0)' section of the configuration. It has two tabs: 'ID (0)' and 'Title (0)'. Below them are columns for 'ID*', 'Title', and 'URL'. A message at the bottom states: 'There are no transport references added yet.' An 'Add' button is located in the top right corner.
- Screenshot 2:** Shows the same section after a transport has been added. The 'Transports (1)' tab is selected. The table now shows one entry: 'SFConf_V1' in the ID column, 'Initial Configuration' in the Title column, and a URL placeholder 'https://...' in the URL column. The 'Add' button remains in the top right.
- Screenshot 3:** Shows the same section with the same transport entry. A green rectangular box highlights the entire row for 'SFConf_V1', indicating it is selected or being edited.

Set back to "In Implementation"

- In case of issues with changes of a certain feature detected in status "In Testing" or "Ready for Production" it is possible to set the status back to "In Implementation"
- This leads to more transparency regarding the traceability of features

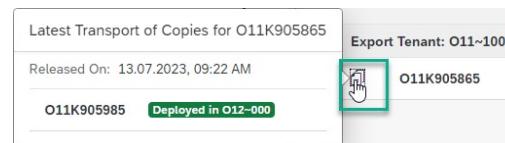
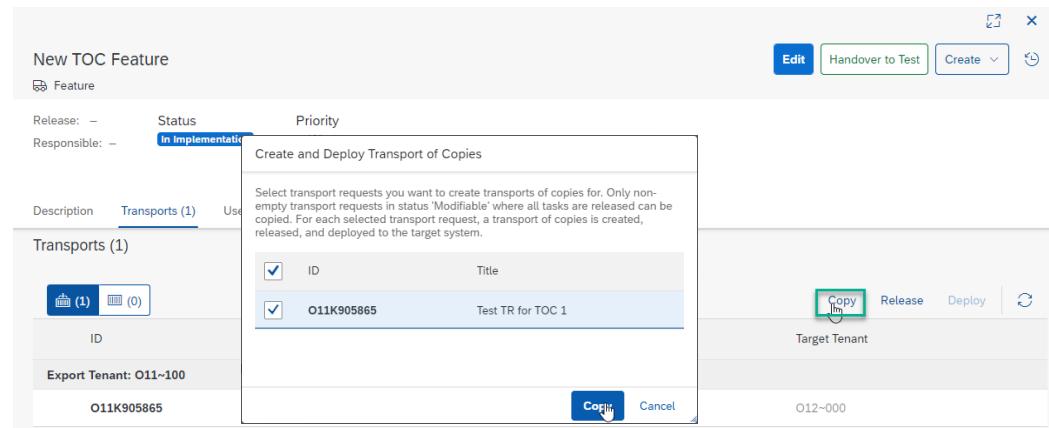
The image consists of two side-by-side screenshots of a software application's feature card interface.

Screenshot 1: The card title is "Adjusting outbound delivery V2". The status is currently set to "In Testing". A dropdown menu is open under the "Edit" button, showing options: "Approve for Production" (disabled), "Create", and "Set to 'In Implementation'".

Screenshot 2: The card title is "Additional configuration changes". The status is currently set to "Ready for Production". A dropdown menu is open under the "Edit" button, showing options: "Confirm Deployment" (disabled), "Create", and "Set to 'In Implementation'".

Create Transport of Copies

- Create transport of copies (ToC) within a feature for transport requests for which all assigned transport tasks are released
- Via clicking the "Copy" button, you can select several transport requests in status Modifiable to create a ToC for each of these transport requests
- The ToC is created, released and deployed to the consolidation target system immediately
- Next to the original transport request an icon will show up for the ToC
 - Clicking the icon will open the popover with detailed information



Find more information the following blog post:
[Using transport of copies with SAP Cloud ALM](#)

Transport of copies notification

The screenshot illustrates the process of creating a transport of copies in SAP Fiori. A red curved arrow points from the 'Copy' button in the main table to the 'Copy' button in the 'Create and Deploy Transport of Copies' dialog. Another red arrow points from the 'Copy' button in the dialog to the 'Notifications' section of the user settings.

Transports (2)

ID / Type	Title	Status	Target Tenant
S4HK904020 Customizing	6-200: Additional Configuration	Modifiable	S4H~702

Create and Deploy Transport of Copies

Select transport requests you want to create transports of copies for. Only non-empty transport requests in status 'Modifiable' where all tasks are released can be copied. For each selected transport request, a transport of copies is created, released, and deployed to the target system.

ID	Title
S4HK904020	6-200: Additional Configuration

Copy **Cancel**

Settings

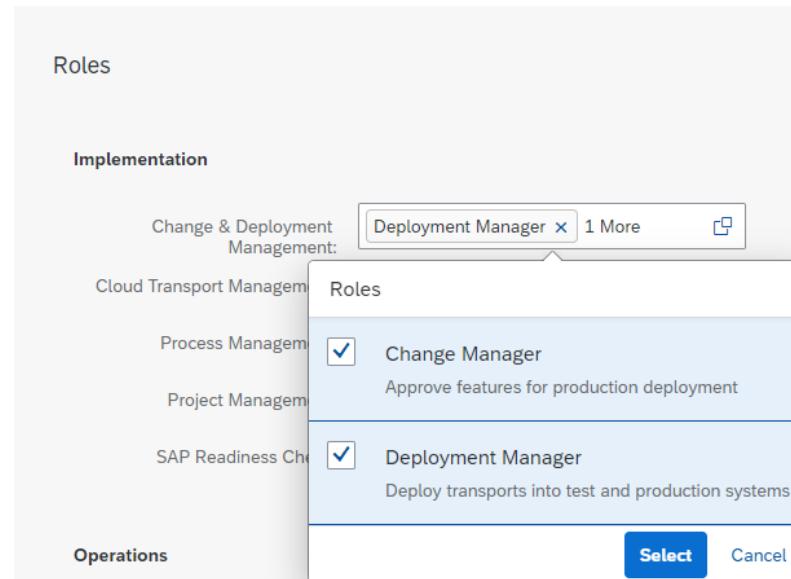
Notifications

Notification Type	Email	High Priority	Enable
Deployment: Transport Checks Completed	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Features: Assigned to You	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Features: Transport Checks Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Features: Transport of Copies Failed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If the creation, release, or import of a transport of copies fails, the user who triggered the action in the feature receives a notification. (in-app/opt. email)

Change Manager and Deployment Manager Roles (1/2)

- For Change & Deployment Management, two new roles are available:
 - Change Manager: Approve features for production deployment
 - Deployment Manager: Deploy transports into test and production systems
- The roles will be automatically assigned to existing users with the Project Lead role, which previously included these authorizations, and you can decide which users should keep the authorizations provided by the new roles.
- Important: The Change & Deployment Management roles need to be combined with either the Project Member or the Project Lead role.



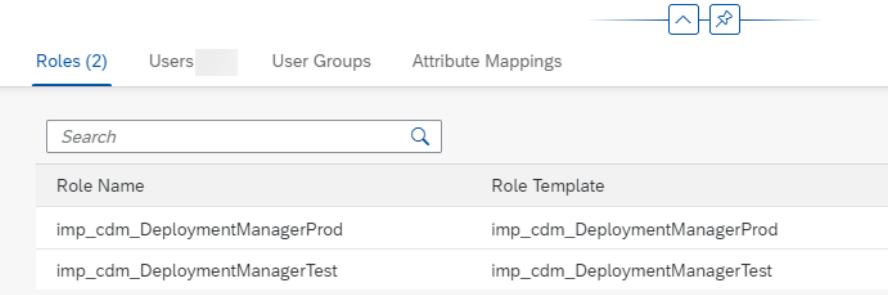
Check slides [15](#) and [16](#) providing the authorization tables.

Change Manager and Deployment Manager Roles (2/2)

- The Deployment Manager role collection contains two role templates:
 - `imp_cdm_DeploymentManagerProd` for deployment to production systems
 - `imp_cdm_DeploymentManagerTest` for deployment to test systems
- These role templates can be used to create your own custom role collections on the SAP BTP subaccount.

Change & Deployment Management Deployment Manager

Description: Deploy transports into test and production systems



Role Name	Role Template
<code>imp_cdm_DeploymentManagerProd</code>	<code>imp_cdm_DeploymentManagerProd</code>
<code>imp_cdm_DeploymentManagerTest</code>	<code>imp_cdm_DeploymentManagerTest</code>

SAP S/4HANA Cloud Transport Traceability

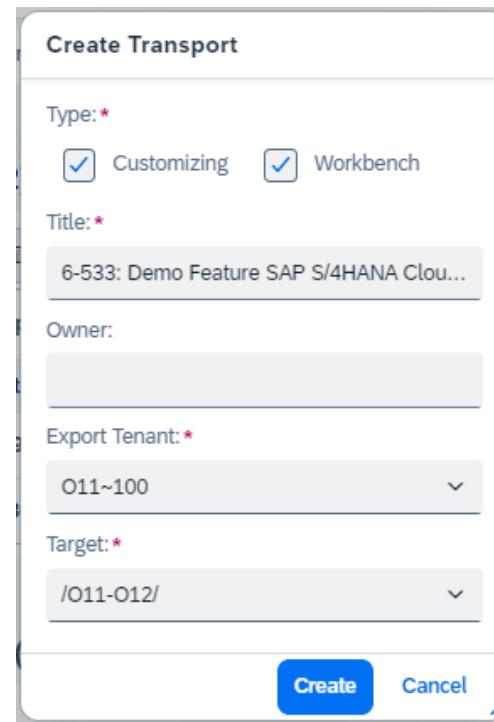
Utilize Feature to keep track of your Configuration, Key User and Developer Extensibility changes in SAP S/4HANA Cloud

- Easily assign your released transport requests to a feature
- Manage dependencies between different collection types by bundling dependent transport requests in one feature
- Simply use the Feature Traceability as a starting point to decide about next steps like forwarding and importing transport requests
- For more detailed info regarding the configuration of the communication arrangement, refer to the [Setup & Admin Guide](#)
- Blog post - [SAP S/4HANA Cloud transport traceability with SAP Cloud ALM](#)

The image contains two screenshots of SAP S/4HANA Cloud interfaces. The top screenshot shows the 'Feature Traceability' interface with a search bar, project dropdown (Demo Project MG 2...), scope dropdown (ATO), release dropdown, and feature status dropdown. It includes a 'User Story' input field and a 'Traceability' section showing three features: 'Requirement: New field extension SAP S/4HANA Cloud' with three sub-items: 'Demo Feature SAP S/4HANA Cloud 1' (ATO, In Implementation, Wave 4 Aug 1, 2023 - Aug 26, 2023), 'Demo Feature SAP S/4HANA Cloud 2' (ATO, In Implementation, Wave 4 Aug 1, 2023 - Aug 26, 2023), and 'Demo Feature SAP S/4HANA Cloud 3' (ATO, In Implementation, Wave 4 Aug 1, 2023 - Aug 26, 2023). The bottom screenshot shows the 'Deployment Status' interface with a table listing transports: '2202CfdExportMode' (Released, 720053007) and 'ATO Demo Customizing' (Released, 720053007). Both screenshots show deployment status icons (green, yellow, red) and transport details.

Create transports enhancement

- Both transport types are preselected when creating a transport from within a feature
- Empty transports will be deleted when triggering the release
- The transport title is predefined and contains the Feature ID and the Feature Title
 - The title can be overwritten



Assign transports based on export tenants

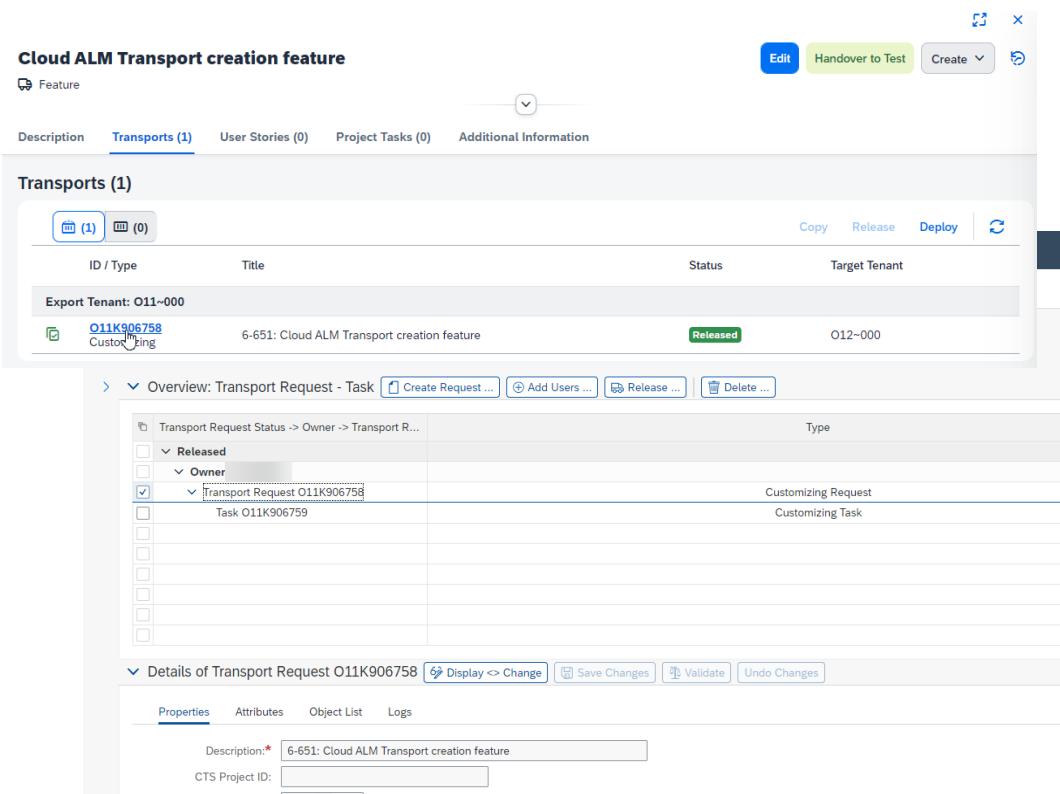
- Easily restrict the list of CTS-managed transports to be assigned to features
- Simply add the export client as development system to a system group and assign the system group through a deployment plan to your project
- Note: If no system groups is assigned to your project or the development system is not maintained properly you can assign all transports available on the connected managed systems

The screenshot shows a user interface titled 'Assign Transports'. At the top, there is a search bar with a magnifying glass icon. Below the search bar, a note states: 'If an export tenant for CTS-managed transports is assigned as development system to your project through a system group, only transports that belong to that specific export tenant are available for selection. CTMS and ATO transports can be selected irrespective of their tenant relation.' This note is highlighted with a green border. The main table has columns: 'ID / Type', 'Title', 'Status', 'Export Tenant', and 'Last Changed'. There are four transport entries:

ID / Type	Title	Status	Export Tenant	Last Changed
<input type="checkbox"/> O11K906373	Workbench	Modifiable	O11~200	Sep 7, 2023, 11:22:24 AM
<input type="checkbox"/> O11K906355	Workbench	Modifiable	O11~200	Sep 7, 2023, 08:31:23 AM
<input type="checkbox"/> O11K906284	Workbench	Modifiable	O11~200	Aug 18, 2023, 07:11:42 AM

Navigate to the CTS-managed transport by selecting the transport ID

- Navigate to the Transport Organizer Web UI for CTS-managed transport requests to check the transport logs, add tasks for new users, check for the transport / task status and release tasks
- Note: Before you can start using the navigation to managed systems by using the transport id, make sure that you have implemented note [517484](#) and that you've configured the start authorization according the following notes: [1413011](#) and /or [3064888](#) respectively
- Additionally, the service CTS_ORGANIZER has to be active (Transaction: SICF, Service Path:
`/sap/bc/webdynpro/sap/cts_organizer`)



The screenshot shows the SAP Cloud ALM Transport creation feature interface. At the top, there are tabs for Description, Transports (1), User Stories (0), Project Tasks (0), and Additional Information. The Transports (1) tab is selected, showing a table with one entry:

ID / Type	Title	Status	Target Tenant
O11K906758 Customizing	6-651: Cloud ALM Transport creation feature	Released	O12~000

Below the table, there's an 'Overview: Transport Request - Task' section with buttons for Create Request, Add Users, Release, and Delete. It shows a tree structure under 'Transport Request Status -> Owner -> Transport R...':

- Released
- Owner
 - Transport Request O11K906758
 - Task O11K906759

At the bottom, there's a 'Details of Transport Request O11K906758' section with tabs for Properties, Attributes, Object List, and Logs. The Properties tab shows:

- Description: 6-651: Cloud ALM Transport creation feature
- CTS Project ID: (empty)

Quality Approval for SAP S/4HANA Cloud, Public Edition

- Activating the communication arrangement SAP_COM_0690 is switching on **Quality Approval** in SAP S/4HANA Cloud, Public Edition
- Only transports with Quality Status “Approved” can be forwarded and imported to the Production Tenant

The screenshot shows the SAP S/4HANA Cloud Import Collection interface. In the top navigation bar, there is a SAP logo, a search icon, a user icon, and a notification badge with the number 8. On the right side, there are buttons for 'Settings' and a download icon. Below the navigation, a 'Standard' dropdown is shown.

The main area displays a table titled 'Versions (3,653)'. The columns include Name, Version, Collection Type, Business Interruption, Last Changed By, Last Changed On, Quality Status, Import Status, and Forward Status. A row for 'ETOK9AHRCZ' is selected, showing Version 1, Collection Type 'Developer Extensibility', Business Interruption 'High Risk', Last Changed On '01/10/2024, 12:22:07', Quality Status 'Open' (highlighted with a green border), Import Status 'Imported', and Forward Status 'Not Forwarded'.

A modal window titled 'Collection versions to be forwarded' is open. It has tabs for 'Summary' (selected) and 'Selected Collection Versions (1)'. The summary tab contains a message: 'Forward validation failed. Please check the validation results.' The selected collection version tab shows a detailed error message: 'Collection ETOK9AHRCZ version 1 is not quality approved. It can't be forwarded.' Below this, there is a table with columns 'Collection Type', 'Business Interruption', and 'Forward Status', showing 'Developer Extensibility', 'High Risk', and 'Not Forwarded' respectively.

Quality Approval for SAP S/4HANA Cloud, Public Edition

- **Approving a feature for Production** indicates that all transports assigned are designated for Quality Status Approved
- A job in the SAP S/4HANA Cloud Test Tenant picks up the transports and sets the Quality Status accordingly
- In combination with Forward Automation and Import Automation this is very powerful to reach the **objective of continuously delivering features to Production**

The screenshot shows the SAP S/4HANA Cloud Quality Approval interface. At the top, there are buttons for 'Edit', 'Approve for Production' (which has a mouse cursor over it), and 'Create'. Below this, there's a summary section for a feature with fields for Release, Status (In Testing), and Priority (Medium). The 'Transports' tab is selected, showing two entries:

ID / Type	Title	Status	Target Tenant
ET0K9AI4W6-1 Customizing	Demo Customizing	Deployed in 720048583	PROD - et9-100-adm
ET0K9AI4W8-1 Customizing	Demo Customizing - Part 2	Deployed in 720048583	PROD - et9-100-adm

The screenshot shows the SAP Import Collection interface. On the left, there's a tree view under 'Standard'. On the right, the 'Notes' tab is selected for a collection named 'Demo Customizing'. The notes section contains the message: 'SAP System Processing: User SAP System Processing proceeded Quality Assurance. Collection ET0K9AI4W8 version 1 is Approved.' Below this, there's a timestamp: '01/15/2024, 14:31:06'. The 'Notes' section also includes a table with columns: Name, Version, Collection Type, Business Interruption, Last Changed By, Last Changed On, and Quality Status. Two rows are listed, both with 'Approved' in the Quality Status column.

Name	Version	Collection Type	Business Interruption	Last Changed By	Last Changed On	Quality Status
Demo Customizing - Part 2	1	Customizing	High Risk		01/15/2024, 14:31:08	Approved
ET0K9AI4W8						
Demo Customizing	1	Customizing	High Risk		01/15/2024, 14:31:08	Approved
ET0K9AI4W6						

Add References to Features

- You can now add links in the References section for documentation that is stored externally to a feature
- Simply use the “Add” button of the References section in Edit mode and enter a name and a URL

*Webinar Session - SuccessFactors Reference

Feature

Description Transports (1) User Stories (0) Project Tasks (0) **References (2)** Additional Information

References (2)

Name	URL	Action
Enter Name	Enter URL	Add
SFSF QA tenant		X

SAP Cloud Transport Management Integration

- Integrate your own SAP Cloud Transport Management (CTMS) instance with SAP Cloud ALM
 - Please check the [Setup & Admin Guide](#) for the integration steps
 - You must create a destination pointing from the SAP Cloud ALM subaccount to your CTMS instance
 - Transports for the following solutions (amongst others) are covered by CTMS:
 - SAP BTP, Cloud Foundry environment (development content)
 - SAP BTP, Neo environment (development content)
 - SAP Integration Suite
 - Cloud Integration
 - API Management
- More under [Supported Content Types](#).

Destination Configuration

Blank Template Service Instance

Name: * CALM_FTR_CTMS_FEATURES_STABLE
Type: HTTP
Description:
URL: *
Proxy Type: Internet
Authentication: OAuth2ClientCredentials
Use mTLS for token retrieval: <input type="checkbox"/>
Client ID: *
Client Secret:
Token Service URL Type: * Dedicated Common
Token Service URL: *
Token Service User: *
Token Service Password: *

Assign Transports

14918

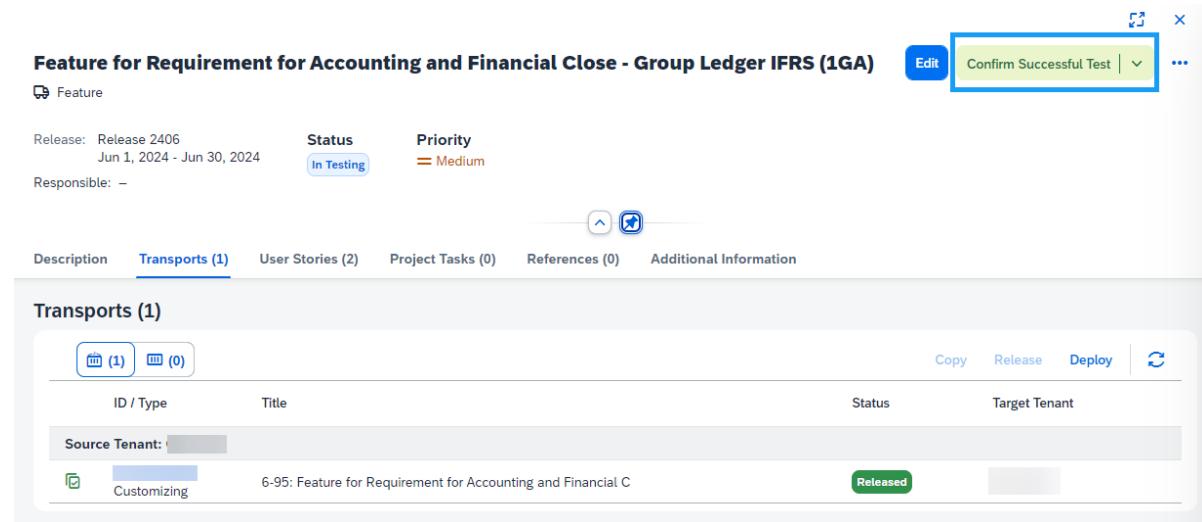
If an source tenant for CTS-managed transports is assigned as development system to your project through a system group, only transports that belong to that specific source tenant are available for selection. CTMS and ATO transports can be selected irrespective of their tenant relation.

ID / Type	Title	Status	Source Tenant	Last Changed
14918	271f2ed - Merge pull request	Released		Apr 11, 2024, 12:00:03 PM

Assign Cancel

New status “Successfully Tested”

- You can Confirm the Successful Test in a Feature to indicate that testing has happened
- In status “Successfully Tested” you have an option to go back to “In Implementation” or approve the Feature for Production Deployment



Feature for Requirement for Accounting and Financial Close - Group Ledger IFRS (1GA)

Feature

Release: Release 2406 Jun 1, 2024 - Jun 30, 2024

Status: In Testing

Priority: Medium

Description Transports (1) User Stories (2) Project Tasks (0) References (0) Additional Information

Transports (1)

ID / Type	Title	Status	Target Tenant
Customizing	6-95: Feature for Requirement for Accounting and Financial C	Released	[Target Tenant]



Feature for Requirement for Accounting and Financial Close - Group Ledger IFRS (1GA)

Feature

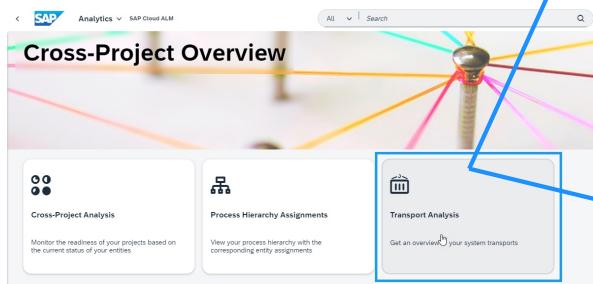
Release: Release 2406 Jun 1, 2024 - Jun 30, 2024

Status: Successfully Tested

Priority: Medium

Transport Analysis app

- In the Cross-Project Overview a new Transport Analysis app is available to provide a bottom-up view based on Transport Request IDs
- Easily find Transport Requests not yet assigned to Features and figure out to which Feature a Transport Request or a Transport of Copies belongs



Transport Analysis (Top Screenshot)

ID/Type	Title	Status	Feature	Target Tenant	Current Tenant
O11K924618 Workbench	SAP Note 3497168 Version 26	Deployed			O13-000

Transport Analysis (Bottom Screenshot)

ID/Type	Title	Status	Feature	Target Tenant	Current Tenant
O11K924650 Workbench	update base class	Deployed	In Testing [FCX - TEST feature]Manual conflict TRs		O12-300

Transport Checks per Feature (1/3)

- You can perform Downgrade Protection or Cross-Reference Check on a feature to safeguard your production tenants
- Checks can only be performed if all transports assigned to a feature are ready to be imported to the production tenant
- Perform All Checks is scheduling both check types in parallel
- For more information regarding prerequisites and usage please check the [Transport Checks section in the SAP Help Portal](#)

The screenshot shows the SAP Transport Checks interface for a feature named "Test Transport Checks". The feature has the following details:

- Release: -
- Status: Successfully Tested
- Responsible: -
- Priority: Medium

The "Transports (1)" tab is selected, showing one transport entry:

ID / Type	Title	Status	Target Tenant
O11K925018 Workbench	MD Test Transport Checks	Deployed in O12~100	O13~100

Below the transports, there is a "Transport Checks" section with a "Perform All Checks" button. A dropdown menu titled "Select Checks" is open, showing two options:

- Downgrade Protection
- Cross-Reference Check

At the top right of the screen, there are buttons for "Edit", "Approve for Production", and a refresh icon.

Transport Checks per Feature (2/3)

- The high level check result is shown in the table in the Transport Checks section
- In case of no findings the Check Result column is empty
- By clicking on a result line item you can navigate to the Transport Checks App to get a first overview of conflicting entities

The image shows two screenshots of the SAP Cloud ALM interface. The left screenshot displays the 'Test Transport Checks' feature details, including its status as 'Successfully Tested' and priority as 'Medium'. It lists one transport entry (O11K925018) and two transport checks (Downgrade Protection and Cross-Reference Check). The right screenshot shows the 'Transport Checks Overview' for the same feature, listing conflicts (Warning 2) between O11K925018 and SG Transport Checks Integration Test (6-153), both marked as 'In Implementation'. A blue arrow points from the 'Cross-Reference Check' row in the left screenshot to the conflict entry in the right screenshot.

Test Transport Checks

Release: - Status: Successfully Tested Priority: Medium

Description Transports (1) | User Stories (0) Project Tasks (0) References (0) Additional Information

Transports (1)

ID / Type	Title	Status	Target Tenant
O11K925018 Workbench	MD Test Transport Checks	Deployed in O12-100	O13-100

Transport Checks

Type	Target Tenant	Execution Status	Check Result	Updated on
Downgrade Protection	O13-100	Completed	⚠ 2	Dec 4, 2024, 08:44:51 AM
Cross-Reference Check	O13-100	Completed	✗ 1	Dec 4, 2024, 08:47:10 AM

Transport Checks Overview

Feature: Test Transport Checks
Target Tenant: O13-100

Downgrade Protection Cross-Reference Check

Severity	Checked Feature	Conflicting Entity	Conflicting Objects	Conflicting Deployment Plan
⚠	Test Transport Checks (6-156) Successfully Tested	SG Transport Checks Integration Test (6-153) In Implementation	1	CALM CDM
⚠	Test Transport Checks (6-156) Successfully Tested	O11K924984 Deployed in O12-100	1	

Transport Checks per Feature (3/3)

- By clicking on a Conflict line item the Check details are shown side-by-side
- The detail view provides the relevant transports and objects as well as some insights about the conflict scenario
- Based on this information you can take appropriate measures to resolve the conflicts

The screenshot shows two overlapping interface panels. The left panel is titled 'Transport Checks Overview' and displays a table of conflicts. One conflict row is selected, showing 'Test Transport Checks (6-156)' as the checked feature, 'SG Transport Checks Integration Test (6-153)' as the conflicting transport, and 'CALM CDM' as the deployment plan. The right panel is titled 'Check Details' and provides more information about the selected conflict. It shows 'Conflicting Objects (1)' where 'O11K925018' is listed under 'Checked Transport' and 'O11K925006' is listed under 'Conflicting Transport'. A warning message states: 'A downgrade happens if you deploy transport request O11K925006 after transport request O11K925018.' It also includes a 'How to Continue?' section with instructions to always deploy the feature of transport request O11K925006 before deploying the feature of transport request O11K925018.

The screenshot shows two overlapping interface panels. The left panel is titled 'Transport Checks Overview' and displays a table of conflicts. One conflict row is selected, showing 'Test Transport Checks (6-156)' as the checked feature, 'O11K924984' as the missing entity, and 'TABD_ZRTEST1' as the conflict reason. The right panel is titled 'Check Details' and provides more information about the selected conflict. It shows 'Missing Objects (1)' where 'O11K925018' is listed under 'Checked Transport' and 'O11K924984' is listed under 'Missing Transport'. The conflict reason is 'Only in Reference'.

Deployment Scheduler (1/2)

The screenshot shows the SAP S/4HANA Implementation cockpit. The top navigation bar includes links for My Home, Implementation (which is underlined in blue), Transformation, Operations, Service, and Administration. Below the navigation is a section titled "Design, Build, Test, Deploy" containing a grid of 12 cards. The cards are arranged in three rows and four columns. The first row contains: Overview (with a user icon), Tasks (with a checkmark icon), Quality Gates (with a gear icon), Processes (with a double arrow icon), and Process Authoring (with a document icon). The second row contains: Requirements (with a pencil icon), Documents (with a document icon), Test Preparation (with a clipboard icon), Test Plans (with a document icon), and Test Execution (with a shield icon). The third row contains: Defects (with an exclamation mark icon), Features (with a truck icon), and Deployment (with a folder icon). The "Deployment" card is highlighted with a blue border.

- To access the Deployment app you need to have the Deployment Manager, Project Administrator, or Global Administrator role
- The deployment schedule is based on one deployment plan and the assigned system groups
- All tenants of system roles Quality Assurance, Pre-production and Production assigned to the corresponding system groups can be selected as target tenants for deployment scheduling
- Note: Only CTS-managed transports are considered.

Deployment Scheduler (2/2)

The screenshot shows the SAP Deployment app interface. At the top, there are filter options for 'Editing Status' (All), 'Deployment Plan' (S/4HANA D...), 'Target Tenant' (S/4HANA D...), 'Release' (Release 02 / 25), 'Feature Status' (Ready for Production), and 'Frequency'. Below the filters is a table titled 'Schedules (8)' with columns: Title, Target Tenant, Last Run, Start Time, and Frequency. The table lists several deployment entries, including 'Deployment Plan for release 02' (O12.100, 5 min), 'PRD Deployment - Release 02 / 25' (O13.100, 2 wks), and 'Prod Deployment O13 - weekly' (O13.100, 2 wks). A modal dialog titled 'PRD Deployment - Release 02 / 25' is open in the foreground, showing fields for 'Title' (PRD Deployment - Release 02 / 25), 'Project' (Demo Project MG 202300411), 'Deployment Plan' (S/4HANA Deployment (do not to...)), 'Target Tenant' (O13.100), 'Start Time' (Feb 27, 2025, 9:00:00 PM), 'Release' (Release 02 / 25), 'Feature Status' (Ready for Production), and 'Repeat Schedule' (unchecked). Buttons at the bottom of the dialog include 'Draft update', 'Create' (highlighted in blue), and 'Discard Draft'.

- Open the Deployment app to see all available deployment schedules
- Use the filter options and create your own view if needed
- Schedule deployments based on the Deployment Plan, Release and Feature Status
- Deployment for hybrid use cases through target tenant selection including SAP Cloud Transport Management service nodes planned
- Find more information in the [SAP Help Portal - Deployment section](#)

Perform transport checks on a deployment schedule for a feature bundle (1/3)

- You can now perform Downgrade Protection and Cross-Reference Checks on your deployment schedule for a feature bundle
- Feature status of the deployment schedule must be “Ready for Production” and the target tenant is a production tenant
- The transport check is performed for the bundle of features selected for deployment
- Find more information in the [Performing Transport Checks on Deployment Schedules](#)

E2E CDM CN Transport Cockpit Schedule

[Edit](#) [Delete](#) [Copy](#) [X](#)

General Information		Transport Checks	
Title:	E2E CDM CN Transport Cockpit Schedule	Project:	• E2E CDM CN Transport Cockpit Project ... • E2E CDM CN Transport Cockpit Project ...
Deployment Plan:	CDM CN E2E Test For Deploy Schedule	Start Time:	Jun 6, 2045, 8:54:54 AM
Target Tenant:	O13.400	Release:	E2E CDM CN
Feature Status:	Ready for Production		

E2E CDM CN Transport Cockpit Schedule

[Edit](#) [Delete](#) [Copy](#) [X](#)

Type	Execution Status	Check Result	Updated
There are no transport checks performed yet.			

Transport Checks

[Perform All Checks](#) 

Select Checks

Downgrade Protection
 Cross-Reference Check

[Perform](#)

Perform transport checks on a deployment schedule for a feature bundle (2/3)

- The overall result of the last check run is shown in the transport checks section of the deployment schedule
- By clicking the line item with a warning or an error you can navigate to the detailed results

E2E CDM CN Transport Cockpit Schedule

[Edit](#) [Delete](#) [Copy](#) [Share](#)

[General Information](#) [Transport Checks](#)

[Perform All Checks | ↴](#)

Type	Execution Status	Check Result	Updated On
Target Tenant: O13~400			
Downgrade Protection	Completed	✓	Jun 6, 2025, 09:47:06 AM
Cross-Reference Check	Completed	✖ 2 ⚠ 3	Jun 6, 2025, 09:47:06 AM

Transport Checks Overview

Deployment Schedule: E2E CDM CN Transport Cockpit Schedule
Target Tenant: O13~400

[Cross-Reference Check](#)

Reference Tenant: O11~400
Updated On: Jun 6, 2025, 9:47:06AM
Checked Features: 3

Conflicts: All (5)

Severity	Checked Feature	Missing Entity	Missing Objects	Missing Deployment Plan
✖	E2E CDM CN Transport Cockpit Feature for Deploy Schedule 1-1 (6-3429) Ready for Production	O11K924652 Modifiable	1	
✖	E2E CDM CN Transport Cockpit Feature for Deploy Schedule 1-2 (6-3430) Ready for Production	O11K924652 Modifiable	1	
⚠	E2E CDM CN Transport Cockpit Feature for Deploy Schedule 1-1 (6-3429) Ready for Production	O11K924656 Deployed in O12~400	1	
⚠	E2E CDM CN Transport Cockpit Feature for Deploy Schedule 1-2 (6-3430) Ready for Production	O11K924652 Modifiable	1	
⚠	E2E CDM CN Transport Cockpit Feature for Deploy Schedule 1-2 (6-3430) Ready for Production	O11K924656 Deployed in O12~400	1	

Perform transport checks on a deployment schedule for a feature bundle (3/3)

- Per conflict you can navigate to the details providing information about possible conflict resolution
- Through the number of checked features you can figure out which features and transports were checked during the check run

The screenshot shows two SAP interface windows. The main window is titled "Transport Checks Overview" and displays a "Cross-Reference Check" report. It lists three checked features with their titles, descriptions, and deployment status (Ready for Production or Deployed in O12-400). Below the table, it says "Checked Features: 3". A blue arrow points from this "3" to the "Checked Features (3)" section of the second window. The second window is titled "Check Details" and shows a table for "Missing Objects (1)". It lists one object, O11K926944, which is a transport named "O11K924652 Only in Reference". The table includes columns for Checked Transport, Missing Transport, Transported Object, and Dependent Object. A tooltip provides detailed information about the conflict, mentioning object METH_ZCL_TEST_FOR_AUTO_E2E_V2_GET_ID and transport O11K926944.

Checked Transport	Missing Transport	Transported Object	Dependent Object
O11K926944	O11K924652 Only in Reference	REPS_Z_TEST_FOR_E2E_DEPLOY_400	METH_ZCL_TEST_FOR_AUTO_E2E_V2_GET_ID

Cross-Reference Check

Reference Tenant: O11-000
Updated On: Jun 6, 2025, 9:47:06AM
Checked Features: 3

Severity	Checked Feature	Missing Entity	Missing Objects	Missing Deployment Plan
✖	E2E CDM CN Transport Cockpit Feature for Deploy Schedule 1-1 (6-3429) Ready for Production	O11K924652 Modifiable	1	
✖	E2E CDM CN Transport Cockpit Feature for Deploy Schedule 1-2 (6-3430) Ready for Production	O11K924652 Modifiable	1	
⚠	E2E CDM CN Transport Cockpit Feature for Deploy Schedule 1-1 (6-3429) Ready for Production	O11K924656 Deployed in O12-400	1	
	E2E CDM CN Transport Cockpit Feature for Deploy Schedule 1-1 (6-3429) Ready for Production	O11K924652		

Checked Features (3)

Title	Transports
E2E CDM CN Transport Cockpit Feature for Deploy Schedule 2-1 (6-3431)	O11K926958
E2E CDM CN Transport Cockpit Feature for Deploy Schedule 1-2 (6-3430)	O11K926944
E2E CDM CN Transport Cockpit Feature for Deploy Schedule 1-1 (6-3429)	O11K926934

ABAP Test Cockpit Checks

The screenshot shows the SAP ALM interface for a feature named 'VL ATC Checks'. The 'Transports (1)' tab is selected. In the 'Transport Checks' section, there is a table with columns: Type, Execution Status, and Check Result. A red box highlights the 'Check Result' column for the first row, which is 'ABAP Test Cockpit' and has a status of 'Completed' with a red 'x' over it. A red arrow points from this box to a detailed view of the check results in a separate window.

Transport Checks

Type	Execution Status	Check Result
Source Tenant: O11~400		ABAP Test Cockpit Completed ✖ 6

Perform ATC Check

Export Checks

Feature: VL ATC Checks
Source Tenant: O11~400

ABAP Test Cockpit

Updated On: Jun 24, 2025, 11:46:11 AM

Conflicts

Severity = Checked Transport
O11K927368 >

Transport Request Owner:
Object Findings: 6

ABAP Test Cockpit Check Object Findings

Checked Transport: O11K927368

Object Findings (6)

Package	Object Type / Name	Position	Check Title	Check Message
Z_EJ_Z400	PROG Z_VL_TEST_PROG	Ln 0, Col 0	Export of Program Information	Syntax Error in program Z_VL_TEST_PROG ... Show More
Z_EJ_Z400	PROG Z_VL_TEST_PROG	Ln 0, Col 0	Extended Check for ABAP Doc Comments	Syntax error in in Z_VL_TEST_PROG. Cann... Show More
Z_EJ_Z400	PROG Z_VL_TEST_PROG	Ln 0, Col 0	Prerequisites for the	Syntax error in in Z_VL_TEST_PROG.

- Perform ABAP Test Cockpit(ATC) checks on a feature considering all assigned transports
- Check is possible to be performed for all un-released ABAP transports
- Manually stop/restrict the transport release based on the ATC check results

Defect Integration

The first screenshot shows the SAP Digital Payments - Payment Cards (Canada) defect details. The 'Create' button in the top right is highlighted, showing options for 'Feature' and 'Sub-task'. The second screenshot shows the 'Assign Defects' dialog for a feature, with defects being assigned. The third screenshot shows the feature details page where defects are assigned.

SAP Digital Payments - Payment Cards (Canada)

Defect Status: In Progress | Priority: High

Description: SAP Digital Payments - Payment Cards (Canada) is not working properly.
Could you please investigate.

Feature for SAP Digital Payments - Payment Cards (Canada)

Defects (1)

Title	ID	Status	Scope
Follow up issue with order type 'OR' has occurred.	3-46565	New	Plant Vancouver
Issue with SAP Digital Payments	3-15836	New	
Issue with SAP Digital Payments - Payment Cards (Canada)	3-8919	Closed	Plant Vancouver

SAP Digital Payments - Payment Cards (Canada)

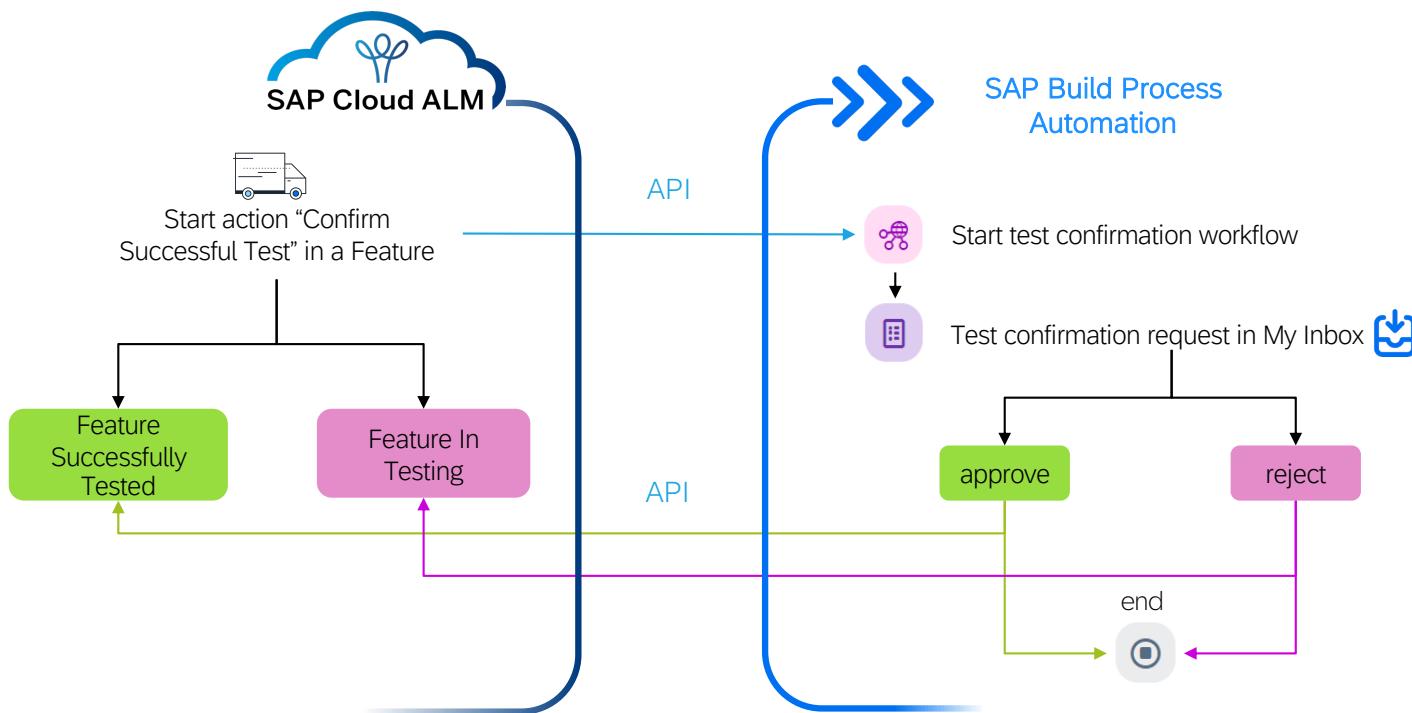
Feature: Feature for SAP Digital Payments

Defect Status: In Progress | Priority: High

- Create feature from a defect to provide a correction during integration testing
- Assign/unassign feature from a defect
- Assign/unassign defects from a feature

Workflow API for Features (1/2)

Check the [API Guide](#) in the SAP Help Portal for further information



Workflow API for Features (2/2)

SAP Activate Roadmap: SAP Cloud ERP Private - New Implementation
Current Phase: Prepare

Status: On Track

General Information Timeboxes Teams Scopes Deliverables Deployment Landscape Subscriptions

Subscriptions (1)

Item Type Notification Workflow

- Roadmap Task
- Project Task
- User Story
- Requirement
- Defect
- Feature

External API Management

Feature Test Confirmation Workflow

- Add a Workflow subscription for Features to your SAP Cloud ALM project
- The subscription contains a webhook and the mapping
- By triggering action „Confirm Successful Test“ the external workflow will be started

Payment Method Workflow Test

Feature

Status: In Testing

Description Transports (1) User Stories (0) Project Tasks (0) Defects (0) References (0) Additional Information

Description

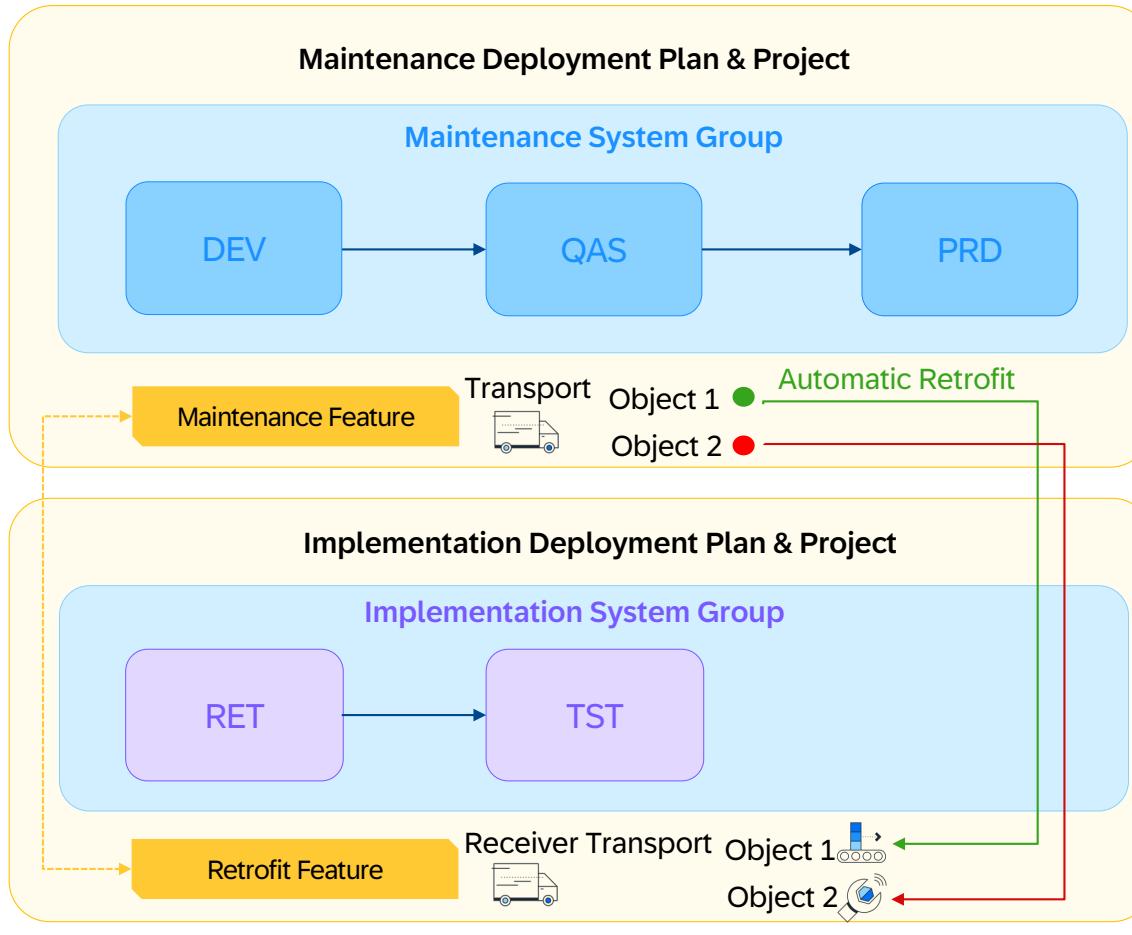
Confirm

When you set a feature to "Successfully Tested", a workflow will be started. You cannot change the status until the workflow is finished, but project administrators can change the status and cancel the workflow.

OK Cancel

Copy Release Deploy

Retrofit – Process (1/3)



- Create a feature in the maintenance project and transports in the development system
- Source transport objects are categorized as automatic (conflict-free) or manual (with conflicts) at transport release
- A default target feature and corresponding transports are created and assigned automatically to the source transports in the Retrofit cockpit
- Conflict-free objects are retrofitted automatically
- Objects with conflicts are handled manually

Retrofit - Deployment Plan & System Groups (2/3)

The screenshot shows the SAP Cloud ALM interface for managing deployment plans. On the left, the sidebar has icons for Projects, Setup, and SAP Cloud ALM. The main area is titled 'Manage Projects' with tabs for 'Projects' (selected) and 'Deployment Plans'. Under 'Deployment Plans', there are buttons for 'Active' (selected), 'Archived', 'Search', and 'Create'. A dropdown menu shows 'Import to QA' selected. Below this are three items: 'Wave 1 Import to QA', 'Wave 2 long title Import to QA', and 'Wave 2 long title Import to QA'. The right side shows the 'Import to QA' configuration screen for 'Retrofit'. It includes sections for 'General Information', 'System Groups (3)', and 'Retrofit' (selected). The 'Retrofit' section contains 'Configuration' and 'Systems (1)'. Under 'Systems (1)', there is a table with one row:

Source	Target
S4H.701	S4H.801

- Define Target Project, Source System and Retrofit Target System

Retrofit Cockpit (3/3)



The screenshot displays the SAP Retrofit Cockpit interface, specifically the 'Retrofit per Project' view. The main window shows project details: Source Project: Project, Target Project: Project 2, and Target System: O13.100. Below this, the 'Default Retrofit Objects' section is visible, featuring a table for 'Retrofit Items'. The table lists four items, each with columns for Source Transport / Type, Source Feature, Target Request, Target Feature, Category, Sequence Dependency, and Status. The first item has a status of 'Retrofitted', while the others are 'Retfit Rejected'. A large blue curved arrow points from the SAP logo at the top left down towards the detailed view of the object list.

Retrofit per Project

Source Project: Project
Target Project: Project 2
Target System: O13.100

Default Retrofit Objects

Feature	Transports	Customizing Transport:
Feature: Default F Status: In Testing	Workbench Transport: O13K9468452 Workbench Transport Status: Released	O13K9468452
		Customizing Transport Status: Modifiable

Retrofit Items (4)

Source Transport / Type	Source Feature	Target Request	Target Feature	Category	Sequence Dependency	Status
O13K900811 Customizing	Baseline Customizing	O14K901904	Default Feature	Automatic	O13K9468452 · 3 more	Retrofitted
O13K900811 Customizing	Feature for Define correct heading levels	O14K901904	6-979: Feature for Define correct heading levels	Manual	O13K9468452 · 3 more	Retrofit Rejected
O13K900812 Workbench	Name	O14K901905	Default Feature	Manual Automatic		Manually Retrofitted
O13K900813 Customizing	Name	O14K901906	Default Feature	Manual Automatic		Open

O13K900812

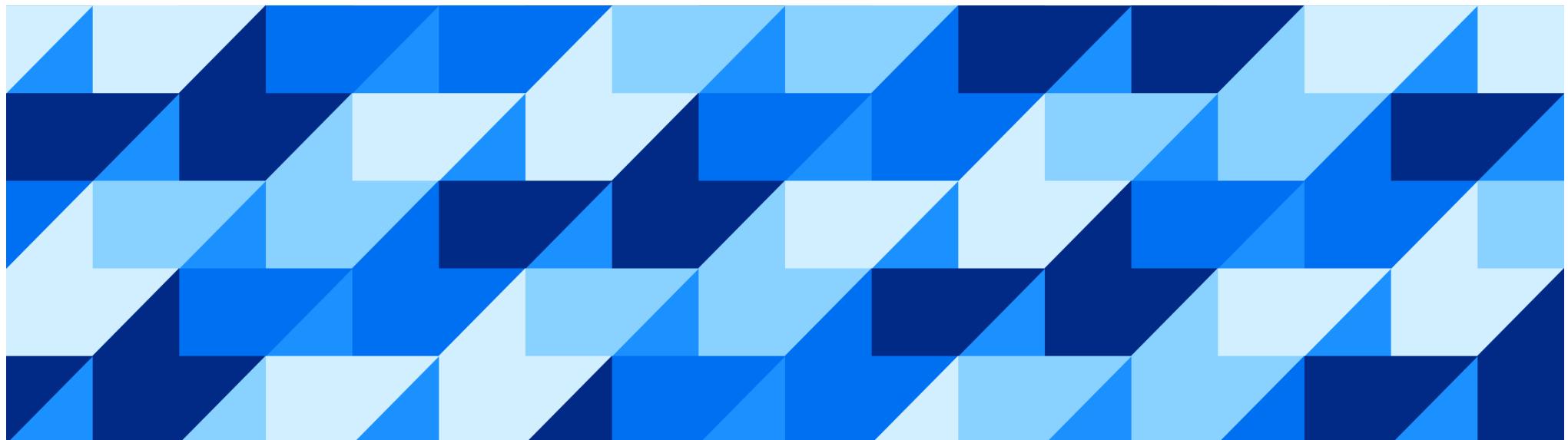
Workbench

Status	Category	Description
Partially Retrofitted	Manual Automatic	I00000001005: <Description>

Objects

Programm ID	Object Name /...	Master Name /...	Implementatio...	Sequence Dep...	Target Transpo...	Category
Category: Manual						
<input type="checkbox"/> R3TR	T005A	T005A	Open	Edit	Delete	Manual
<input type="checkbox"/> R3TR	TABU	TABU	Open	Edit	Delete	Manual
<input type="checkbox"/> R3TR	T005A	T005A	Open	Edit	Delete	Manual
Category: Automatic						
<input type="checkbox"/> R3TR	T005A	T005A	Done	Edit	Delete	Automatic
<input type="checkbox"/> R3TR	T005A	T005A	Done	Edit	Delete	Automatic
<input type="checkbox"/> R3TR	TABU	TABU	Done	Edit	Delete	Automatic
<input type="checkbox"/> R3TR	T005A	T005A	Done	Edit	Delete	Automatic

Outlook & Further Information



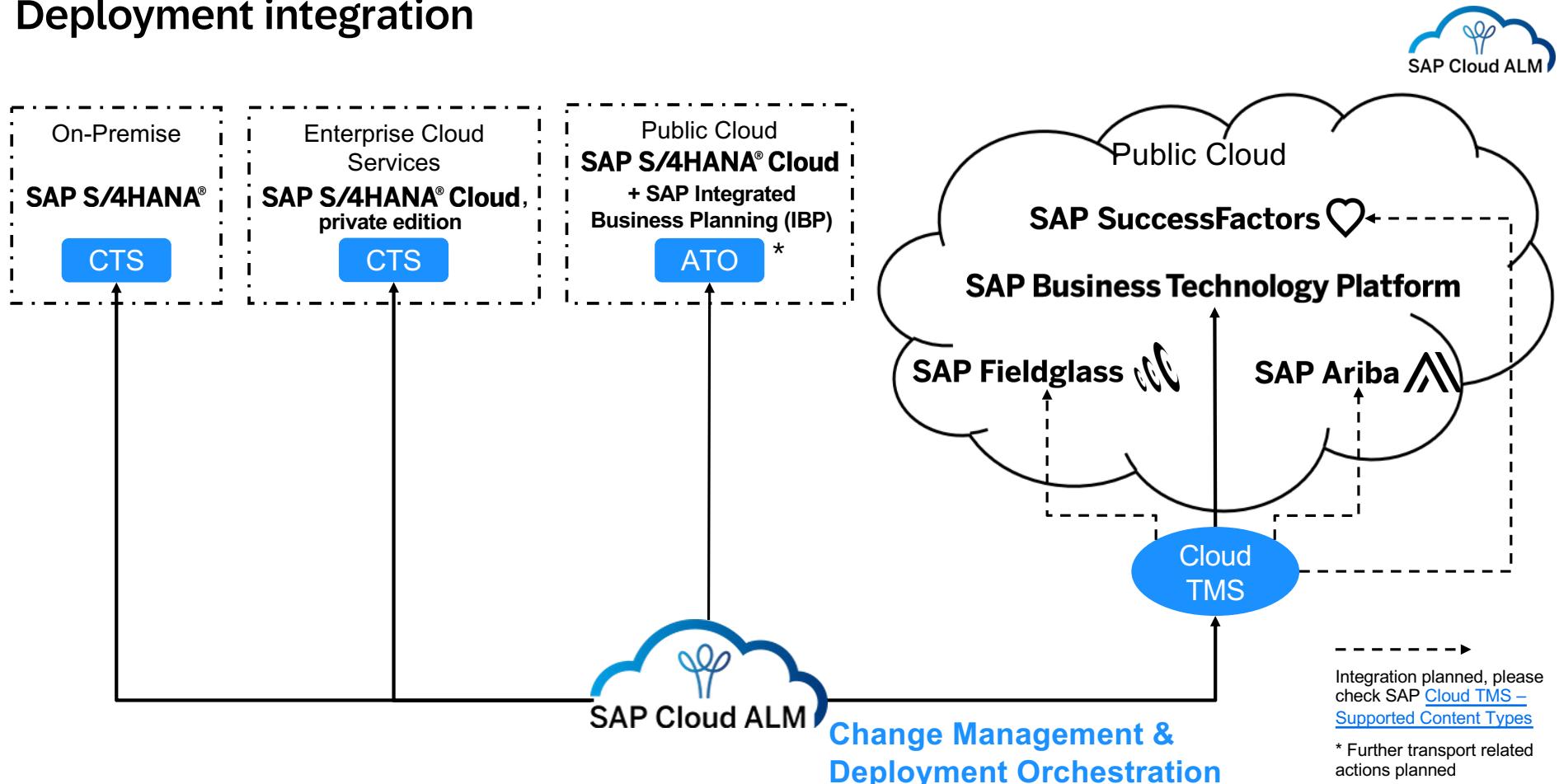
mid-term = by end of 2025

long-term = 2025+

Capability Comparison

SAP Solution Manager – Change Request Management capabilities	SAP Cloud ALM - Change & Deployment capabilities*	
Change Cycle Concept	Deployment Plan with Releases	available
Project Import all	Deploy multiple features to Production	available
Selective Import	Single deploy of features	available
Transport of Copies	Transport of Copies	available
Segregation of Duties	Change Manager and Deployment Manager roles	available
Notifications	In-App and E-Mail notifications	available
Custom fields	Tags and References	available
Batch Import	Deployment Scheduler	available
	APIs	Partially available
DGP	Similar functionality	available (for production)
Cross Reference Check	Similar functionality in Check Framework	available (for production)
Flexible Workflow (4-eyes principle and approval)	SAP Workflow Management integration	available (for Successfully Tested)
Involved roles in change process and authorizations	Additional roles and fine granular authorizations	Planned Q1 2026
Types of changes (Normal Change, Urgent Change, etc.)	New Feature Type for Fixes	Planned Q1 2026
CSOL	As foundation for Retrofit	available
Retrofit	Similar functionality	available
Conditional workflow	Constraints and activities triggered by status change	Planned long-term
Critical Objects	Critical Objects Check	Planned long-term

Deployment integration



Further Information

[Blog post – How to get ready for Change & Deployment Management in SAP Cloud ALM](#)

[Blog post - Enabling change & deployment management in SAP Cloud ALM for SAP S/4HANA and SAP S/4HANA Cloud, private edition](#)

[Blog post – Interplay of SAP Cloud ALM and SAP Cloud Transport Management Service](#)

[Setup Guide – Enabling Transport Management](#)

[SAP Support Portal Home – SAP Cloud ALM](#)

[SAP Cloud ALM – Public Demo Tenant](#)

[SAP Cloud ALM APIs](#)

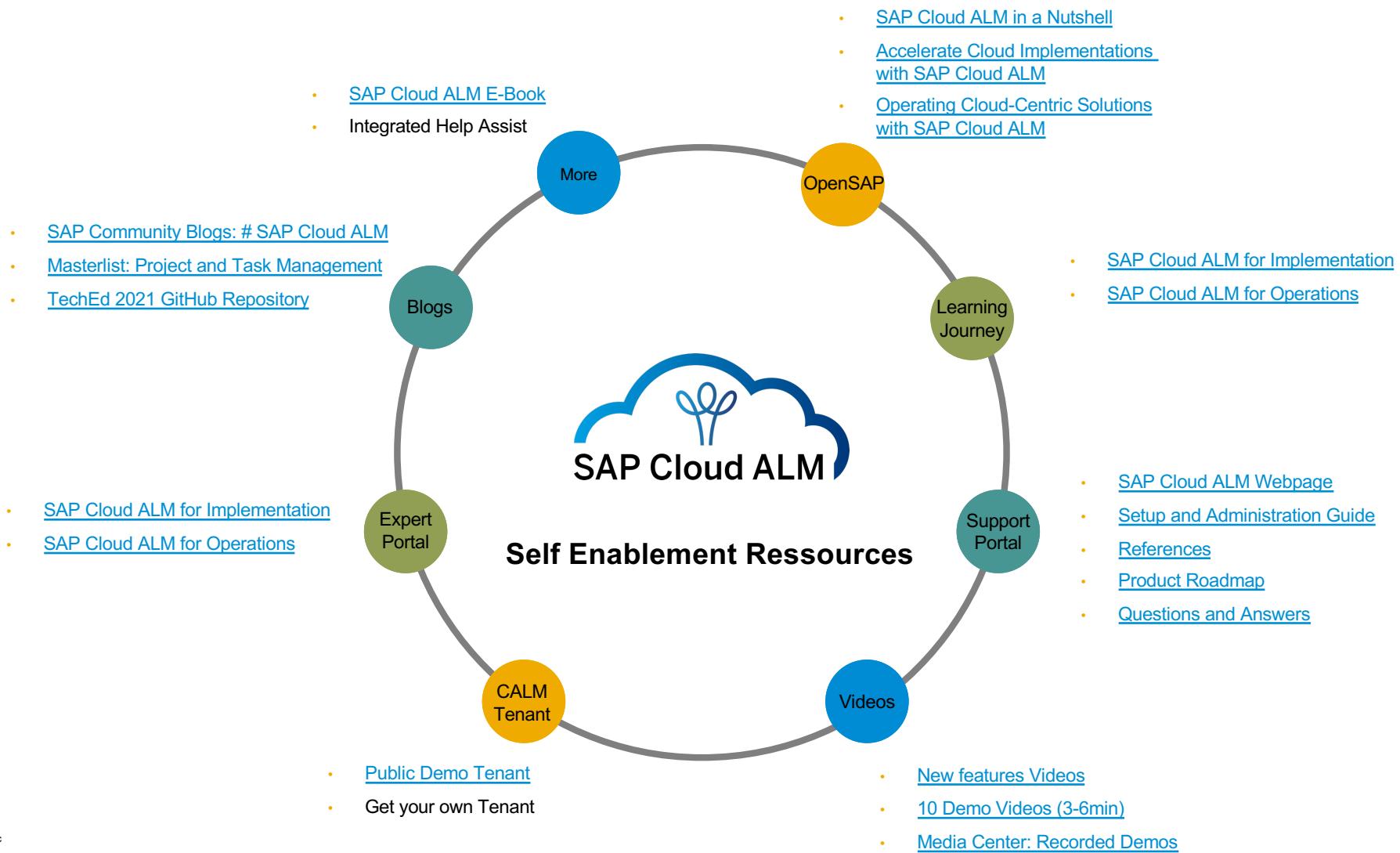
SAP Cloud ALM for Implementation Roadmap

Go to

<https://roadmaps.sap.com/> and search for SAP Cloud ALM to get the always up-to-date roadmap with links to more information and demos

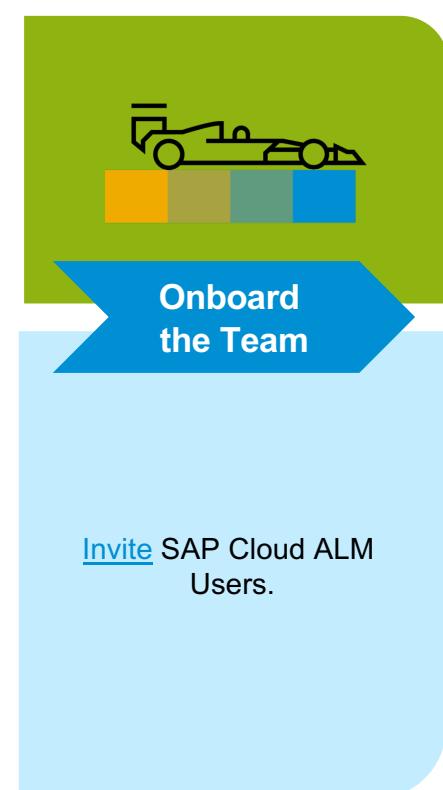
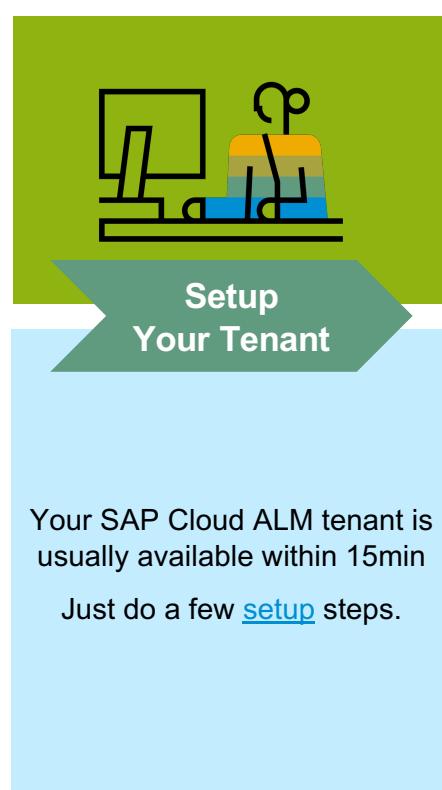
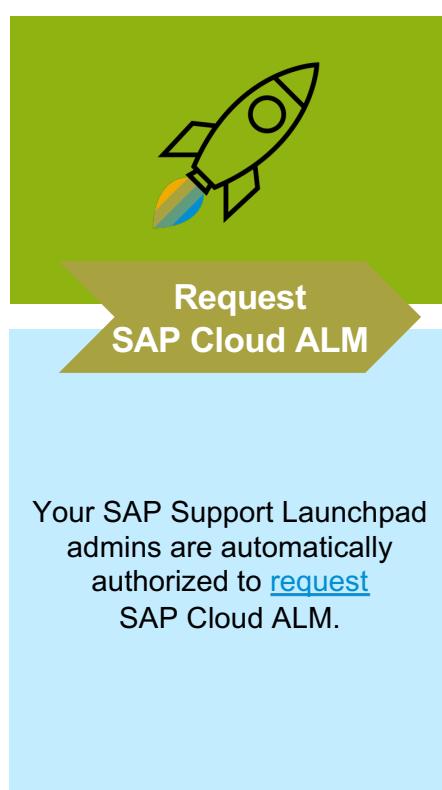
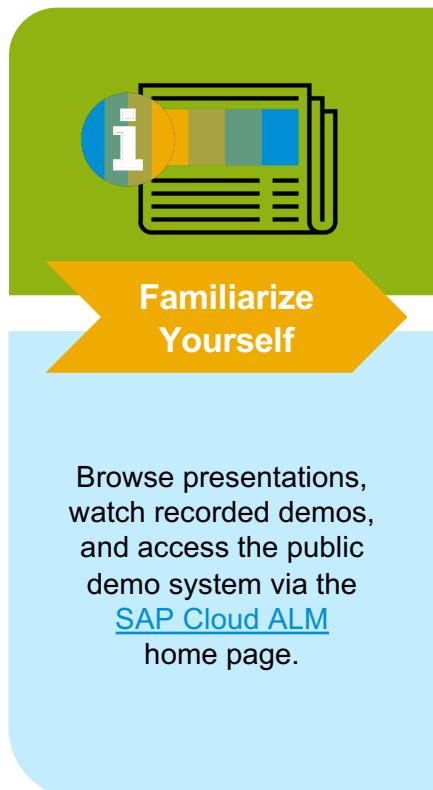
The screenshot shows the SAP Road Map Explorer interface. At the top, there's a navigation bar with the SAP logo, 'Road Map Explorer', and tabs for 'Products', 'Processes', 'Industries', and 'My Road Maps'. Below the navigation bar, there's a search bar containing 'SAP Cloud ALM' and a dropdown menu with 'Products', 'Industries', 'Focus Topics', and 'Suite Qualities' options. A 'Current -' button is also present. The main content area is divided into three columns representing different quarters:

- Q3 2023 CURRENT 31 Road Map Items**:
 - Solution Implementation**: Ability to enable or disable predefined constraints and...
 - Ability to integrate with SAP Business Transformation Center
 - APIs for features
 - Creation of documentation objects from processes
- Q4 2023 22 Road Map Items**:
 - Solution Implementation**: Ability to integrate with SAP Readiness Check
 - APIs for customer solution documentation
 - APIs for test cases
 - Deployment app
- Q1 2024 3 Road Map Items**:
 - Business and Data Transformation**: Integration of additional readiness check data and files for use in scop...
 - Solution Implementation**: APIs for process management, adding ability to upload diagrams for...
 - Integration of test planning in projects



SAP Cloud ALM – You own it already!

How to get started?



Thank you.

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