

# Cloud Transport Management Service

## 1) First decide landscape strategy:

3 nodes or 2 nodes: DEV, QAS, PRD / DEV, QAS.

## 2) How to move from D→Q→P?

## 3) What is CTMS?

To manage transports app contents, packages, dev obj, dev artifacts, changes etc between Environments (CF, ARE, NEO) or b/w Sub Accounts. It will allow changes across landscape.

## 4) Features:

- Fully Cloud Based
- Better control of changes
- Integrate with SOLMAN, CHARM can trigger from this.

## 5) It will support content type:

MTA (Multi Target Application), Application contents, DU (delivery Units) and XSAA

Content integrations content development those changes can move.

- **From on premise:** Tables structure FM class from one dev to another qas
- **In cloud:** as I mentioned above MTA, DU, AC deploy will or gen as MTAR can move b/w diff SA, MTA (contains code destination service keys packages)
- **BTP-ARE(ABAP RUNTIME ENV):** They do some changes In ARE those changes can move from D→Q→P
- **Application Content:** Some specific formats b/w SA and Tenants can move (ZIP, .RAR etc)
- **DU:** Using HANA CLOUD XSA- Dev uses those changes can move.

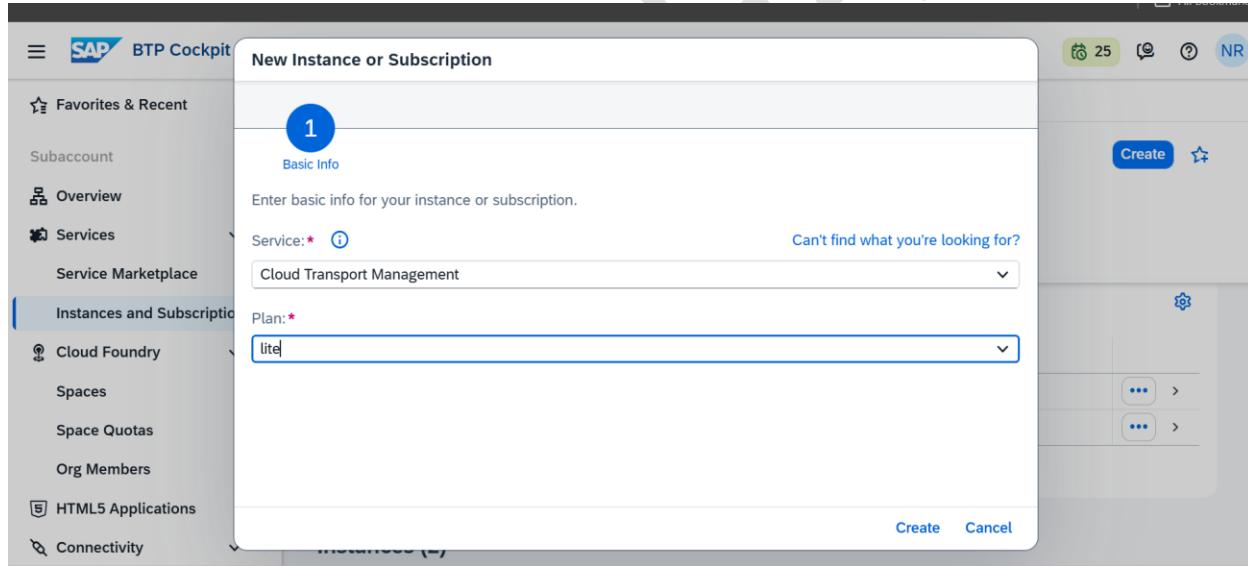
# Cloud Transport Management Service

## ➤ PRE TASKS:

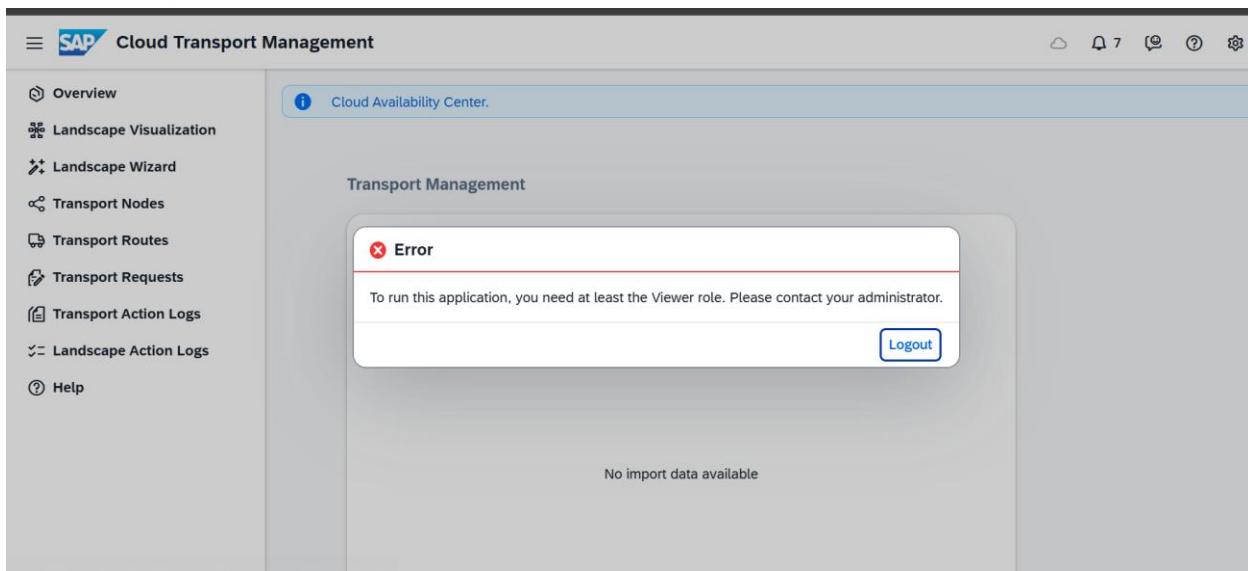
**One GA (Global Account) → SA (Subaccounts DEV, QAS, PRD) → CF (environments)**

- 1)Subscribe CTMS & KEY's(instances)
- 2)CFE -Cloud Foundry Environment
- 3)Transport Destinations
- 4)Create Transport Routes
- 5)Create Transport Nodes.
- 6)Create Destination service

**Step 1:** Navigate to your BTP SA dev. Check CTMS from Ur entitlements if there subscribe to lite plan if not add from entitlements and →Navigate to service marketplace or Instance and Subscription create CTMS.

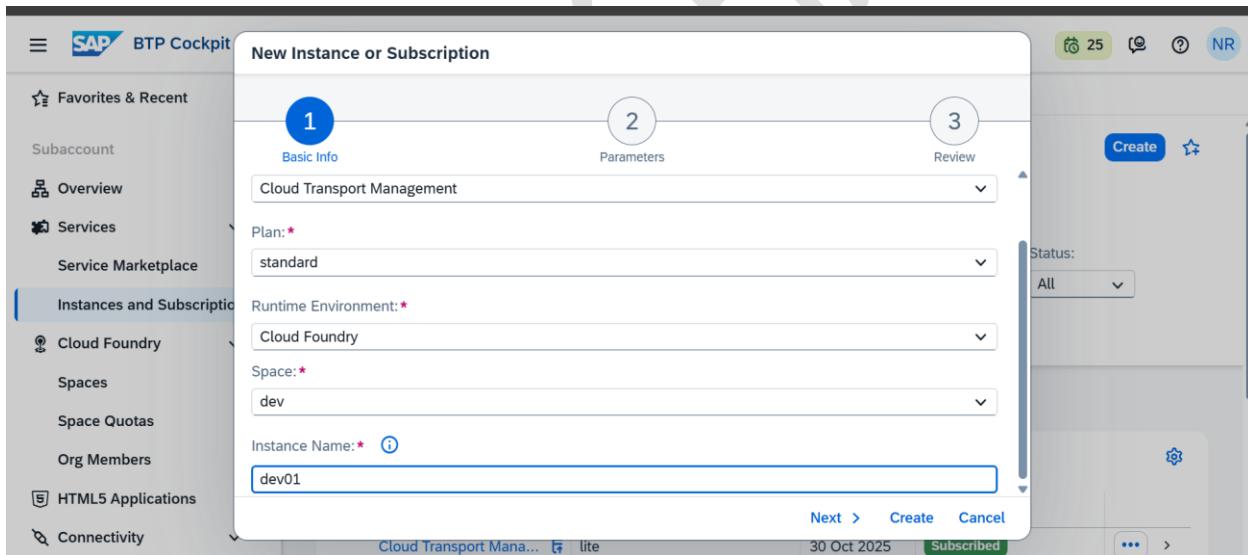


# Cloud Transport Management Service



**Step 2:** Create instance for CTMS we required for key creation and for delivering service.

Before doing this step, we need to create CF Space as Dev. (U can find below)



# Cloud Transport Management Service

**Step 3:** Create Service Key for CTMS as shown below.

The screenshot shows the SAP BTP Cockpit interface. On the left, there is a sidebar with navigation options: Subaccount, Overview, Services, Service Marketplace, Instances and Subscriptions (selected), Cloud Foundry, Spaces, Space Quotas, Org Members, HTML5 Applications, and Connectivity. The main area is titled "Subaccount: trial - Instances and Subscriptions". It displays three tabs: Subscriptions (3), Instances (3) (selected), and Environments (1). Below these tabs is a table with columns: Inst..., Service, Plan, Runtime ..., Scope, Creden..., and Status. Three rows are listed: cpi\_ (SAP Process In...), CPI (SAP Process In...), and dev (Cloud Transpor...). A context menu is open over the dev row, showing options: Update, Create Binding, Create Service Key (highlighted in blue), Add Labels, and Delete. The "Create Service Key" option has a tooltip: "Generates credentials and binding options that a user can manually supply to a Cloud Foundry-native application." A modal window titled "New Service Key" is open, prompting for "Service Key Name:" with the value "dev01ctms". Below it, there is a section for "Configure Binding Parameters:" and a "Select JSON file" button. The bottom right of the modal has "Create" and "Cancel" buttons.

**Step 4:** Create Transport Import role for Importer (for admin)

The screenshot shows the SAP BTP Cockpit interface. The sidebar includes: HTML5 Applications, Connectivity, Destinations, Destination Certificates, Destination Trust, Destinations (Legacy), Cloud Connectors, Security (selected), Users, Role Collections (selected), and Roles. A modal window titled "Create Role Collection" is open, prompting for "Name:" with the value "TRANSPORT-IMPORT" and "Description:" with the value "TRANSPORT-IMPORT". Below the modal, a list of existing role collections is visible, including trial-content-administrator, trial-content-developer, and trial-content-read. At the bottom of the modal are "Create" and "Cancel" buttons.

# Cloud Transport Management Service

**Step 5:** Create Transport role for developers (for exporting packages etc.)

The screenshot shows the 'Role Collections' section of the interface. A modal window titled 'Create Role Collection' is open, displaying the name 'TRANSPORT-EXPORT' and a description 'TRANSPORT-EXPORT'. The 'Create' button is visible at the bottom right of the modal.

**Subaccount: dev01 - Role Collections**

The screenshot shows the 'Role Collections' section for the 'dev01' subaccount. A modal window titled 'Create Role Collection' is open, displaying the name 'EXPORT\_OPERATOR' and a description 'EXPORT\_OPERATOR'. The 'Create' button is visible at the bottom right of the modal.

**Step 6:** We can see Export operator and import operator we can assign role from here also, but easy way will see in next step.

The screenshot shows the 'Roles' section of the interface. It lists several role templates and their descriptions. A red arrow points to the 'ImportOperator' row, which has a description 'User group for import purpose'. Another red arrow points to the 'TransportOperator' row, which has a description 'User group for transport maintainence purpose'.

Application Name	Application Description	Role Template	Role Name	Role Description	Add Role	Action
alm-ts		Administrator	Administrator	Super user	Create Role	
		ExportOperator	ExportOperator	User group for export purpose	Create Role	
		ImportOperator	ImportOperator	User group for import purpose	Create Role	
		ImportSelectedOperator	ImportSelectedOperator	User group for import selected purpose	Create Role	
		LandscapeOperator	LandscapeOperator	User group for landscape maintainence purpose	Create Role	
		TransportOperator	TransportOperator	User group for transport maintainence purpose	Create Role	

# Cloud Transport Management Service

**Step 7:** Navigate as shown below click on manage roles.

**Subaccount: trial - Instances and Subscriptions**

All: 7

**Subscriptions (3) Instances (3) Environments (1)**

**Subscriptions (3)**

Applications to which your subaccount is currently subscribed

Application	Plan	Changed On	Status
Cloud Transport Man...	lite	30 Oct 2025	Subscribed
Integration Suite	trial	25 Oct 2025	Subscribed
SAP Business Applica...	trial	25 Oct 2025	Subscribed

**Go to Application** **Manage Roles** **Add Labels** **Delete**

**Subaccount: Dev - Instances a...**

All: 8

Service: **Search** **All**

**Subscriptions (3) Instances (4) +1**

**Subscriptions (3)**

Applications to which your subaccount is currently subscribed

Application	Status
Cloud Transport ...	Subscribed
Integration Suite	Subscribed
SAP Business Ap...	Subscribed

**Instances (4)**

**Cloud Transport Management**

Application Technical Name: alm-ts  
Plan Display Name: Lite  
Plan: lite  
Status: Subscribed

Created On: 31 Oct 2025  
Changed On: 31 Oct 2025  
Created By: gvarshitha91@gmail.com  
Changed By: gvarshitha91@gmail.com

**Overview Roles**

**Roles by Role Template**

Role Template	Role Name	Description	Attributes	Role Collections	Actions
Administrator	Administrator	Super user	0	0	+ <b>E</b> <b>D</b>
ExportOperator	ExportOperator	User group for export purpose	1	0	+ <b>E</b> <b>D</b>
ImportOperator	ImportOperator	User group for import purpose	1	0	+ <b>E</b> <b>D</b>
ImportSelected Operator	ImportSelected...	User group for import selected purpose	1	0	+ <b>E</b> <b>D</b>
LandscapeOperator	LandscapeOper...	User group for landscape maintenance	0	1	+ <b>E</b> <b>D</b>

# Cloud Transport Management Service

**Step 8:** Here click on + symbol and add the role which u created as TRANSPORT-IMPORT (for admin)

The screenshot shows the 'Cloud Transport Management' service interface. On the left, a sidebar menu includes 'Overview', 'Services', 'Service Marketplace', 'Instances and Subscriptions' (which is selected), 'Cloud Foundry', 'Spaces', 'Space Quotas', 'Org Members', 'HTML5 Applications', 'Connectivity', 'Destinations', 'Destination Certificates', and 'Destination Trust'. The main area displays the 'Cloud Transport Management' application details: Application Technical Name: alm-ts, Created On: 30 Oct 2025. A modal window titled 'Add to Role Collection' is open, showing a search bar and a list of roles. The 'TRANSPORT-IMPORT' role is selected and highlighted with a blue border. Other listed roles include TRANSPORT-EXPORT (unchecked) and another TRANSPORT-IMPORT entry. At the bottom of the modal are 'Add' and 'Cancel' buttons.

**Step 9:** Similarly assign Transport-export role for Export Operator (Developers)

This screenshot is identical to the previous one, showing the 'Add to Role Collection' dialog. The 'TRANSPORT-EXPORT' role is selected and highlighted with a blue border. Other listed roles include TRANSPORT-EXPORT (unchecked), TRANSPORT-IMPORT (unchecked), and another TRANSPORT-IMPORT entry. The interface elements and overall layout are the same as in the previous screenshot.

# Cloud Transport Management Service

**Step 10:** Similarly assign role for import Operator as TRANSPORT-IMPORT also assign role for

**Easy reference:**

Administrator – TRANSPORT-IMPORT role
Administrator – EXPORT-OPERATOR
Export Operator – TRANSPORT-EXPORT role
Import Operator – TRANSPORT-IMPORT role
Landscape operator -TRANSPORT-IMPORT role
Transport Operator - TRANSPORT-IMPORT role
Viewer                   TRANSPORT-EXPORT role
Viewer                   EXPORT-OPERATOR role

# Cloud Transport Management Service

**Step 11:** After role creation assign these roles to Ur DIP (Default Identity Provider)

The screenshot shows the SAP BTP Cockpit interface. A modal window titled "Assign Role Collection" is open, listing several role collections with checkboxes. The checked items are "TMS\_LandscapeOperator\_RC", "TRANSPORT-EXPORT", and "TRANSPORT-IMPORT". Below the list is a search bar containing "TMS\_LandscapeOperator\_RC x | TRANSPORT-EXPORT x | TRANSPORT-IMPORT x". At the bottom of the modal are "Assign Role Collection" and "Cancel" buttons.

Below the modal, the "Cloud Transport Management" application is displayed. It shows basic information: Application Technical Name: alm-ts, Plan Display Name: Lite, Plan: lite, Status: Subscribed. It also shows creation and change dates: Created On: 30 Oct 2025, Changed On: 30 Oct 2025. The "Roles" tab is selected in the navigation bar.

The "Roles by Role Template" table lists eight role templates with their details and associated role collections. The "Role Collections" column for each row is highlighted with a red border. The values in this column are: 2, 1, 2, 0, 2, 1, 3. The table has columns for Role Template, Role Name, Description, Attributes, Role Collections, and Actions.

Role Template	Role Name	Description	Attributes	Role Collections	Actions
Administrator	Administrator	Super user	0	2	<a href="#">+</a> <a href="#">Edit</a> <a href="#">Delete</a>
ExportOperator	ExportOperator	User group for export purpose	1	1	<a href="#">+</a> <a href="#">Edit</a> <a href="#">Delete</a>
ImportOperator	ImportOperator	User group for import purpose	1	2	<a href="#">+</a> <a href="#">Edit</a> <a href="#">Delete</a>
ImportSelectedOperator	ImportSelectedOperator	User group for import selected purpose	1	0	<a href="#">+</a> <a href="#">Edit</a> <a href="#">Delete</a>
LandscapeOperator	LandscapeOperator	User group for landscape maintainence purpose	0	2	<a href="#">+</a> <a href="#">Edit</a> <a href="#">Delete</a>
TransportOperator	TransportOperator	User group for transport maintainence purpose	1	1	<a href="#">+</a> <a href="#">Edit</a> <a href="#">Delete</a>
Viewer	Viewer	User group for display purpose	0	3	<a href="#">+</a> <a href="#">Edit</a> <a href="#">Delete</a>

# Cloud Transport Management Service

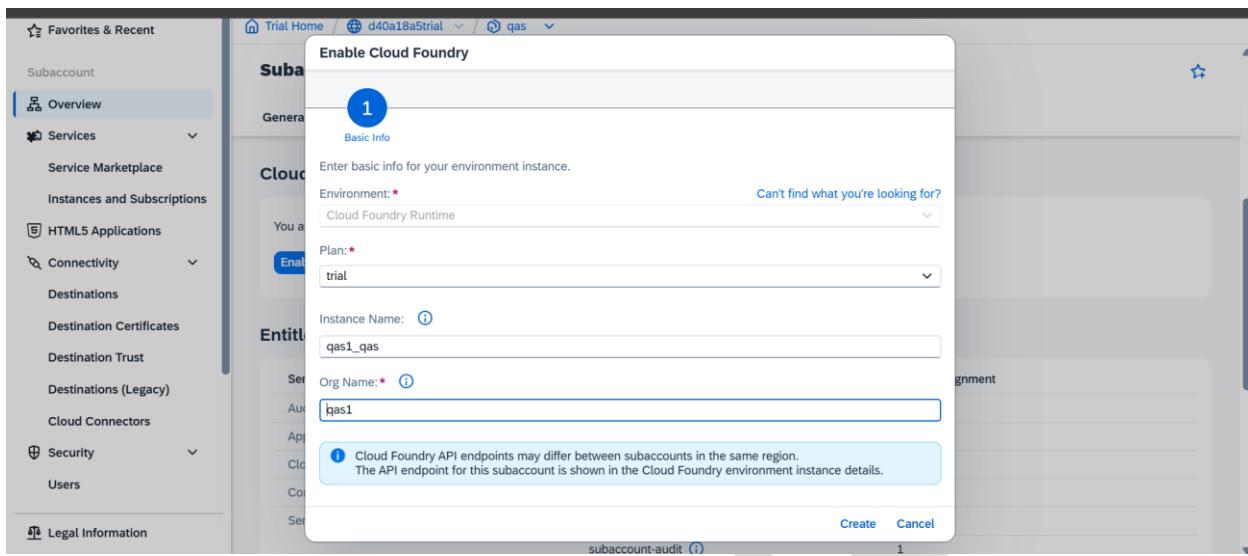
**Step 12:** We can access CTMS after role creations and role assignments.

**Step 13:** Create another SA for QAS and PRD.

Name	Environment	Provider	Region	Changed On
dev01	Multi-Environment	Amazon Web Services (AWS)	US East (VA) - AWS	30 Oct 2025, 15:42:05 (...)
prd	Multi-Environment	Amazon Web Services (AWS)	US East (VA) - AWS	30 Oct 2025, 15:45:12 (...)
qas	Multi-Environment	Amazon Web Services (AWS)	US East (VA) - AWS	30 Oct 2025, 15:44:08 (...)

**Step 14:** After creating SA for QAS and PRD Enable CF (Cloud Foundry) as below.

# Cloud Transport Management Service



### Enable Cloud Foundry

1 Basic Info

Enter basic info for your environment instance.

**Environment:** \* [Cloud Foundry Runtime](#) [Can't find what you're looking for?](#)

**Plan:** \* [trial](#)

**Instance Name:** [1prd\\_prd](#)

**Org Name:** \* [d40a18a5trial\\_1prd](#)

**Note:** Cloud Foundry API endpoints may differ between subaccounts in the same region.  
The API endpoint for this subaccount is shown in the Cloud Foundry environment instance details.

[Create](#) [Cancel](#)

# Cloud Transport Management Service

**Step 15:** Create space as below and assign roles.

The screenshot shows the SAP BTP Cockpit interface. On the left, there's a sidebar with various service categories like Overview, Services, Service Marketplace, Instances and Subscriptions, Cloud Foundry, Spaces, Space Quotas, Org Members, HTML5 Applications, Connectivity, and Destinations. The 'Spaces' option is selected. In the main area, under 'Subaccount: C...', there's a list titled 'Spaces (1)' showing one entry: 'QAS' with '0 Started | 0 Stopped'. Below this, there's a section for 'Space Quota: QAS' with a progress bar for 'Space Memory'. A modal window titled 'Create Space' is open, prompting for a 'Space Name:' (set to 'QAS') and a list of 'Assign space roles to gvarshitha91@gmail.com:'. The roles listed are 'Space Developer', 'Space Supporter', 'Space Manager', and 'Space Auditor', all of which have a checked checkbox. At the bottom of the modal are 'Create' and 'Cancel' buttons.

**Step 16:** Navigate space quotas click on create and fill the details. (This will vary as per your requirements)

**Note:** Follow some steps for DEV, QAS, PRD SA's

The screenshot shows the SAP BTP Cockpit interface. The sidebar is identical to the previous screenshot. In the main area, under 'Subaccount: C...', there's a list titled 'Space Quotas (0)' with a message 'No space quotas found'. A modal window titled 'Create Space Quota' is open, containing a note: 'You are allowed to add a value above the org quota, but the org quota is the consumable limit you can reach. To assign the "Unlimited" value, use -1.' Below this, there are input fields for 'Name:' (set to 'qas1'), 'Space Memory (MB):' (set to '1024'), 'Routes:' (set to '10'), 'Service Instances:' (set to '50'), 'Memory per Instance (MB):' (set to '512'), and 'App Instances:' (set to '10'). There's also a toggle switch for 'Allow Paid Services' which is set to 'OFF'. At the bottom of the modal are 'Create' and 'Cancel' buttons.

# Cloud Transport Management Service

**Step 17:** After creating Space and Creating Space Quota navigate to SPACE QUOTAS click on quota assignment and follow the below step.

Follow same steps for DEV, QAS, PRD.

## Step 18: Important step.

- Navigate to destinations in your DEV SA.
- **Create destinations same as below:**
- ❖ In the URL Section follow this syntax.

[https://deploy-service.cf.\\*domainname/slprot/orgname/spacename/slp](https://deploy-service.cf.*domainname/slprot/orgname/spacename/slp)

**Note: deploy-service.cf. (common) slprot(common)/slp(common)**

→ These above syntaxes are the same for all 3 destinations DEV, QAS, PRD only domain name, space name change according to your configuration or default names of CF during the time of enabling cf.

Name	Applications	Service Instances
QAS	0	0

**Note:** Copy CF Details of DEV,QAS,PRD in note pad we will use these details for creating destinations.

# Cloud Transport Management Service

Ex: [https://deploy-service.cf.us10-001.hana.ondemand.com/slprot/d40a18a5trial\\_qas1/slp](https://deploy-service.cf.us10-001.hana.ondemand.com/slprot/d40a18a5trial_qas1/slp)

The screenshot shows the Cloud Transport Management Service interface. On the left, there is a sidebar with various navigation options: Cloud Foundry, Spaces, Space Quotas, Org Members, HTML5 Applications, Connectivity (Destinations is selected), Destinations Certificates, Destination Trust, Destinations (Legacy), Cloud Connectors, Security (Users is selected), and Role Collections. The main area has a title "Subaccount: dev01 - Destinations" and a note about the new administration UI. Below this is a table listing two destinations: EC8 (HTTP, Internet) and EC81 (RFC, OnPremise). A modal window titled "Create Destination" is open on the right, showing fields for Name (qas), Type (HTTP), Proxy Type (Internet), and URL (https://deploy-service.cf.us10-001.hana.on...). The URL field is highlighted in yellow.

# Cloud Transport Management Service

Observe Connection Test is succeeded.

The screenshot displays the Cloud Transport Management Service interface, specifically the Destinations section for Subaccount: dev01. The main view shows three destinations: EC8 (HTTP, OnPremise), EC81 (RFC, OnPremise), and qas (HTTP, Internet). A tooltip provides information about the new administration UI for destinations.

A modal window titled "Check Connection" is open, showing a successful HTTP request to the qas destination. The modal includes fields for Destination Type (HTTP), Description (empty), Proxy Type (Internet), and URL (https://deploy-service.cf.us10-001.hana.ondemand.com/slprot/d40a18a5trial\_qas1/slp).

On the left, a sidebar navigation menu includes sections for Cloud Foundry, Spaces, Space Quotas, Org Members, HTML5 Applications, Connectivity (Destinations selected), Destinations Certificates, Destination Trust, Destinations (Legacy), Cloud Connectors, Security, Users, and Role Collections.

A secondary modal window titled "Create Destination" is also visible, showing fields for Name (prd), Type (HTTP), Description (PRD DEST), Proxy Type (Internet), and URL (https://deploy-service.cf.us10-001.hana.ondemand.com/slprot/d40a18a5trial\_qas1/slp).

# Cloud Transport Management Service

**Step19:** Navigate to CTMS create Three Node Landscape or based on your requirement.

SAP Cloud Transport Management

Overview / Transport Landscape Wizard

**Transport Landscape Wizard**

1 Selection of Template    2 Definition of Landscape    3 Generation    4 Summary

**Selection of Template**

Select a template to create your landscape.

Two-Node Landscape  
 Three-Node Landscape  
 Four-Node Landscape  
 Five-Node Landscape

**Tip:** For more complex landscapes, you can use the Transport Nodes and Transport Routes sections from the navigation area.

Next    Cancel

**Step 20:** If your transferring MTA select content type as MTA .

Node name(SA Name)

**Note: Specify node names same as u given for ur SA.**

Click on next →

SAP Cloud Transport Management

Overview / Transport Landscape Wizard

**Transport Landscape Wizard**

**Definition of Landscape**

Please fill out the required parts of the form. You can adapt the pre-generated texts according to your needs.

Node 1	Node 2	Node 3
Name* dev01	Name* qas	Name* PRD
Description DEV	Description QAS	Description PRD
<input checked="" type="checkbox"/> Allow Upload to Node	<input type="checkbox"/> Allow Upload to Node	<input type="checkbox"/> Allow Upload to Node
Forward Mode Auto	Forward Mode Auto	Forward Mode Auto
Content Type Multi-Target Application	Content Type Multi-Target Application	Content Type Multi-Target Application
Destination dev01	Destination qas	Destination PRD

# Cloud Transport Management Service

→ Route 1: Node 1 → Node 2

Name*	route_Node1_Node2
Description	Example: Goes from first node to second node

→ Route 2: Node 2 → Node 3

Name*	route_Node2_Node3
Description	Example: Goes from first node to second node

SAP Cloud Transport Management

Overview / Transport Landscape Wizard

**Transport Landscape Wizard**

1 Selection of Template    2 Definition of Landscape    3 Generation    4 Summary

**Summary**

Creation finished. Choose 'Show more' under each node or route for more details.

Node: DEV    Route: route\_ROUTE\_QAS    Node: QAS    Route: route\_ROUTE\_PRD    Node: PRD

Show more Show more Show more Show more Show more

**Step 21:** Navigate to Landscape Visualization and you can see your landscape .

SAP Cloud Transport Management

Overview / Landscape Visualization

Left-Right    Balanced

dev    qas    prd

Initial/Repeatable	Running	Succeeded	Skipped	Warning	Error	Fatal	Deleted	Transient
0	0	0	0	0	0	0	0	0

Initial/Repeatable	Running	Succeeded	Skipped	Warning	Error	Fatal	Deleted	Transient
0	0	0	0	0	0	0	0	0

Initial/Repeatable	Running	Succeeded	Skipped	Warning	Error	Fatal	Deleted	Transient
0	0	0	0	0	0	0	0	0

# Cloud Transport Management Service

**Step 22:** Navigate to Transport Nodes. Click on Add and Browse your MTAR file and click on ok.

I added one sample FIORI app MTAR file just to test TR.

Transport Request	Mode	Transport Description	Owner	Status	Entry Node	Timestamp
22	Final	DEMO1	[redacted]	Initial	dev	Oct 30, 2025...

**Step 23:** Choose your Tr and click on import selected.(same as fully loaded truck and semi loaded truck in our on-premise). You can see succeeded message in status.

Transport Request	Mode	Transport Description	Owner	Status	Entry Node	Timestamp
22	Final	DEMO1	[redacted]	Succeeded	dev	Oct 30, 2025...

# Cloud Transport Management Service

**Step 24:** Check your TR status.

The screenshot shows the SAP Cloud Transport Management Landscape Visualization interface. On the left, a sidebar menu includes Overview, Landscape Visualization (which is selected), Landscape Wizard, Transport Nodes, Transport Routes, Transport Requests, Transport Action Logs, Landscape Action Logs, and Help. The main area displays three nodes: dev, qas, and prd. Each node has a table showing the count of various transport request statuses: Initial/Repeatable, Running, Succeeded, Skipped, Warning, Error, Fatal, Deleted, and Transient. A red box highlights the 'Succeeded' row for the qas node, which has a value of 1.

Status	dev	qas	prd
Initial/Repeatable	0	1	0
Running	0	0	0
Succeeded	0	1	0
Skipped	0	0	0
Warning	0	0	0
Error	0	0	0
Fatal	0	0	0
Deleted	0	0	0
Transient	0	0	0

**Step 25:** Navigate to transport nodes click on QAS node select the TR which you want to import to QAS and import

The screenshot shows the SAP Cloud Transport Management Transport Nodes / QAS page. The sidebar menu includes Overview, Landscape Visualization, Landscape Wizard, Transport Nodes (selected), Transport Routes, Transport Requests, Transport Action Logs, Landscape Action Logs, and Help. The main area shows the QAS node details: Forward Mode: Pre-Import, Content Type: Multi-Target Application, Destination: QAS, Application Type: CF Deploy Service, and Region Key: us10-001. Below this is the Import Queue section. The 'Import Queue' tab is selected, showing a table with one entry. The entry details are: Transport Request (checkbox checked, value 111), Mode (Final), Transport Description (TEST), Owner (redacted), Status (Initial), Entry Node (DEV), and Date (Oct 31, 2025, 6:05:0...). Buttons for 'Import Selected' and 'Import All' are visible at the top of the table.

Transport Request	Mode	Transport Description	Owner	Status	Entry Node
111	Final	TEST		Initial	DEV

# Cloud Transport Management Service

**Step 26:** If you just click on the TR you can Track, you can see action logs and content.

## Tracking

The screenshot shows the SAP Cloud Transport Management interface. On the left, a sidebar menu includes options like Overview, Landscape Visualization, Landscape Wizard, Transport Nodes (selected), Transport Routes, Transport Requests, Transport Action Logs, Landscape Action Logs, and Help. The main content area displays a Transport Request titled "DEMO1" (Released). Key details shown are ID: 22, Created By: [redacted], Created At: Thursday, Oct 30, 2025, 5:05:43 PM GMT+5:30, Content Type: Multi-Target Application, and Size: 72.31 KB. Below this, there are tabs for Tracking (selected), Action Logs, and Content. The Tracking section shows a flow diagram with three nodes: "dev" (Node ID: 6, AUTO), "qas" (Node ID: 8, AUTO), and "prd" (Node ID: 10, AUTO). Arrows indicate a sequence from dev to qas to prd. The Action Logs tab is also visible below the Tracking section.

## Action log

The screenshot shows the SAP Cloud Transport Management interface, similar to the previous one but with a different focus. The sidebar menu is identical. The main content area displays the same Transport Request "DEMO1" (Released) with the same details. However, the tabs at the bottom are Tracking, Action Logs (selected), and Content. The Action Logs section contains a search bar and filters for Node Name, Action, Status, and Last Changed At. A table lists actions taken on nodes "qas", "dev", and "dev". The first two rows show "Add Queue Entry" and "Import to Node" for "qas" and "dev" respectively, both succeeded. The third row shows "Upload to Node" for "dev", which is highlighted with a large blue rectangle. The status for this row is also highlighted.

# Cloud Transport Management Service

**Log of Action: Import to Node**

Transport Request: TEST

Transport request 'TEST' (id: 111) forwarded to node 'QAS' (id: 97, queue entry id: 122, action id: 119)  
Friday, Oct 31, 2025, 6:05:05 PM GMT+5:30

Content EApprovalEApproval\_0.0.1.mtar forwarded to node QAS as part of the transport request 'TEST' (id: 111)  
Friday, Oct 31, 2025, 6:05:05 PM GMT+5:30

Import (selected) started for transport request 'TEST' (id: 111), at Oct-31-2025 12:35:05 GMT (action id: 119)  
Friday, Oct 31, 2025, 6:05:05 PM GMT+5:30

Destination details for node 'DEV' (id: 95, content type 'Multi-Target Application' (MTA): URI=https://deploy-service.cf.us10-001.hana.ondemand.com/sprot/l479e698trial/dev/slp' (name: 'DEV'))  
Friday, Oct 31, 2025, 6:05:05 PM GMT+5:30

Entity to deploy: '105 - EApprovalEApproval\_0.0.1.mtar' (id: 115), of content type 'Multi-Target Application' (MTA) and storage type 'FILE'  
Friday, Oct 31, 2025, 6:05:05 PM GMT+5:30

## Content

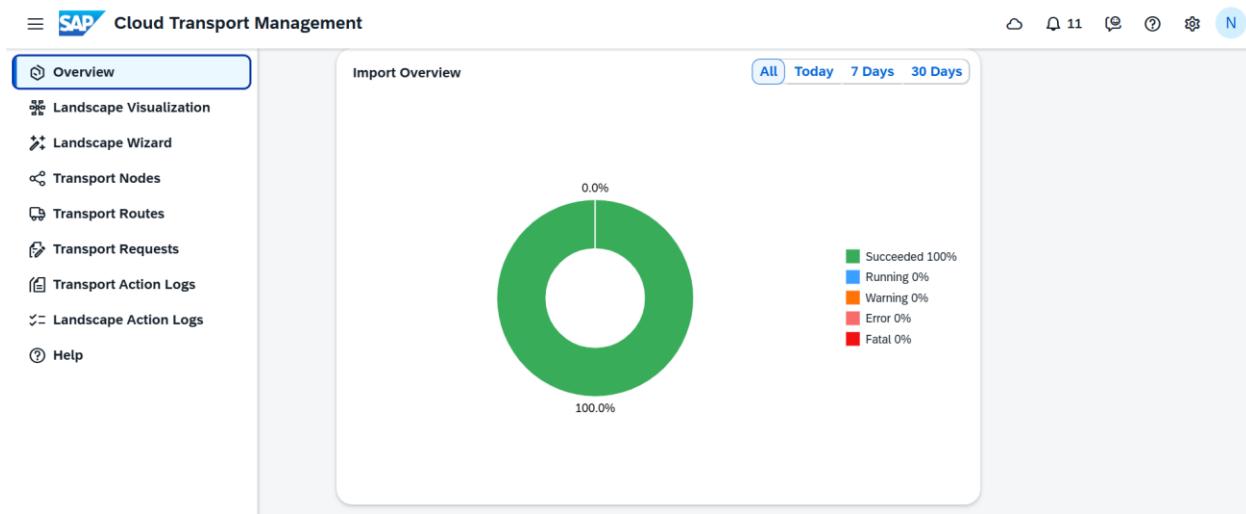
**EApprovalEApproval\_0.0.1.mtar**

Storage	Size	MD5 Hash
File	72.31 KB	7e73ed226c796f993dc1c7399474736

**Objects**

Name	Version	Type
EApprovalEApproval-destination-content		com.sap.application.content
EApprovalEApproval-app-content		com.sap.application.content

**Step27:** Navigate to Overview tab and you can see the pie chart.



# Cloud Transport Management Service

**Step 28:** Here I imported the TR for QAS.

SAP Cloud Transport Management

Overview / Transport Nodes / qas

**qas**

Content Type: Multi-Target Application Application Type: CF Deploy Service Region Key: us10-001

Import Queue Node Details Transport Routes

Status: Preset Date Range: Custom Date:

Entries (1 Selected, 1 Visible)

Transport Request	Mode	Transport Description	Owner	Status	Entry Node	Timestamp
22	Final	DEMO1	Initial	dev	Oct 30, 2025...	

**Note:** Before you import your TR's please subscribe to the services and instances required for ur QAS and PRD Subaccounts otherwise you will get error.

**EX:** Your transporting Fiori application inorder to import fiori application TR you need to setup and configure your QAS and PRD subaccount for the fiori development.

(Standard steps like subscribing BAS, BWZ, HTML5, CIS, XSUAA subscriptions and instance. Your BTP administrator or Fiori team will be knowing regarding this)

Observe it got failed.

SAP Cloud Transport Management

Overview / Landscape Visualization

Left-Right Search 100%

Node	Status	Count
dev	Initial/Repeatable	0
dev	Running	0
dev	Succeeded	1
dev	Skipped	0
dev	Warning	0
dev	Error	0
dev	Fatal	0
dev	Deleted	0
dev	Transient	0
qas	Initial/Repeatable	0
qas	Running	0
qas	Succeeded	0
qas	Skipped	0
qas	Warning	0
qas	Error	0
qas	Fatal	1
qas	Deleted	0
qas	Transient	0
prd	Initial/Repeatable	1
prd	Running	0
prd	Succeeded	0
prd	Skipped	0
prd	Warning	0
prd	Error	0
prd	Fatal	0
prd	Deleted	0
prd	Transient	0

# Cloud Transport Management Service

I subscribed applications and instances as I mentioned above later reimport the TR you will get success status.

Destination	Initial/Repeatable	Running	Succeeded	Skipped	Warning	Error	Fatal	Deleted	Transient
dev	0	0	1	0	0	0	0	0	0
qas	0	0	1	0	0	0	0	0	0
prd	1	0	0	0	0	0	0	0	0

These above configuration steps are mandatory steps for CTMS.

Note based on org or requirements we can use Oauth2credentials while creating destinations you need to generate Keys and configure.

# Cloud Transport Management Service

## So now let's set up CTMS for Integration suite

**S1:** Go to entitlements' and add Integration suite, Content Agent Service,

### Required:

Content Agent Service Subscription and instances, Process Runtime Integration (api and iflow) instances. (I've mentioned in below screenshots).

The screenshot shows three main sections: Subscriptions (4), Instances (8), and Environments (1). The Subscriptions section lists three services: Cloud Transport Management (lite plan), Content Agent Service (free plan), and Integration Suite (trial plan). All three are marked as 'Subscribed'. The Instances section lists four instances: casdev (Content Agent Service, standard plan), CTMS (Cloud Transport Management, standard plan), IFLOW (SAP Process Integration, api plan), and SAP Process Integration (integration-flow plan). All four instances are marked as 'Created'. The Environments section shows one environment named 'Dev'.

Subscriptions (4)		Instances (8)		Environments (1)	
Application	Plan			Changed On	Status
Cloud Transport Man...	lite			31 Oct 2025	Subscribed
Content Agent Service	free			1 Nov 2025	Subscribed
Integration Suite	trial			29 Oct 2025	Subscribed

API	SAP Process Integration ...	api	Cloud Foundry	Dev	1 key	Created
casdev	Content Agent Service	standard	Cloud Foundry	Dev	1 key	Created
CTMS	Cloud Transport Manage...	standard	Cloud Foundry	Dev	1 key	Created

IFLOW	SAP Process Integration ...	integration-flow	Cloud Foundry	Dev	
					Created

**Note:** After creating instances of CTMS, Content Agent service, SAP Process Integration instances generate key which will be used in creating destinations.

The screenshot shows a table of destinations. The first six rows have '1 key' and the last row has '2 keys'. Each row has a green 'Created' button. A context menu is open over the last row, listing options: View Parameters, Update, Create Binding, Create Service Key (which is highlighted in blue), Add Labels, and Delete.

Dev	1 key	Created
Dev	1 key	Created
Dev	1 key	Created
Dev	2 keys	Created
Dev	1 key	Created
Dev	1 key	Created
		View Parameters Update Create Binding <b>Create Service Key</b> Add Labels Delete

# Cloud Transport Management Service

**New Instance or Subscription**

1 Basic Info      2 Parameters      3 Review

Enter basic info for your instance or subscription.

Service: \* [?](#) SAP Process Integration Runtime [Can't find what you're looking for?](#)

Plan: \* [?](#) api

Runtime Environment: \* [?](#) Cloud Foundry

Space: \* [?](#) Dev

Instance Name: \* [?](#) TEST

Next > Create Cancel

**New Instance or Subscription**

1 Basic Info      2 Parameters      3 Review

Configure instance parameters. [?](#)

Form JSON

Roles: \* [?](#)

Value must have at least 1 items

- QueuesRetry
- SecurityMaterialDownload
- SecurityMaterialEdit
- TraceConfigurationEdit
- TraceConfigurationRead
- WorkspaceArtifactLocksDelete
- WorkspaceArtifactLocksRead
- WorkspaceArtifactsDeploy
- WorkspacePackagesConfigure
- WorkspacePackagesEdit
- WorkspacePackagesRead
- WorkspacePackagesTransport
- SecurityArtifactTransport

# Cloud Transport Management Service

❖ **Create destinations as mentioned below:**

- 1) Create Destination of TMS with same name as **TransportManagementService** (case sensitive).
- 2) **SourceSystemId** – your dev node name. (I've mentioned below in the screenshot).  
**Add the above property.**
- 3) You can find all the Authentication details from the key you created you can download or view the key copy and paste the required details.

CTMS	Cloud Transport Manage...	standard	Cloud Foundry	Dev	1 key	Created
------	---------------------------	----------	---------------	-----	-------	---------

- 4) Token URL if you don't find this from the key you generated don't worry about token URL is nothing, but your subaccount URL copy paste the **URL from KEY just add /oauth/token at the end** (as mentioned below in the screenshot)

The screenshot shows the 'TransportManagementService' destination configuration in the TMS UI. The top navigation bar includes tabs for 'Cloud Transport Management...', 'standard', 'Cloud Foundry', 'Dev', '1 key', and 'Created'. Below the navigation is a toolbar with 'Edit', 'Export', 'Duplicate', 'Delete', and '...' buttons. The main content area is divided into sections: 'Destination Details' and 'Main Properties' on the left, and 'Authentication' on the right.

**Destination Details:**

- Source: New destination from scratch
- Created On: 01 Nov 2025, 15:41:18 (GMT+05:30)
- Modified On: 01 Nov 2025, 16:02:46 (GMT+05:30)

**Main Properties:**

- Name: TransportManagementService
- Type: HTTP
- Description: (empty)
- Proxy Type: Internet
- URL: https://transport-service-app-backend.ts.cfapps.us10.hana.ondemand.com

**Authentication:**

- Authentication: OAuth2ClientCredentials
- Client ID: (redacted)
- Use mTLS for token retrieval
- Client Secret: (hidden)
- Token Service URL: ana.ondemand.com/oauth/token (redacted)
- Token Service URL Type: Dedicated

# Cloud Transport Management Service

The screenshot shows the configuration of a transport management service. At the top, there are buttons for Edit, Export, Duplicate, Delete, and more. Below this, the Token Service URL is set to "ana.ondemand.com/oauth/token" and the Token Service URL Type is "Dedicated". There is also an option to "Use Basic credentials for Token Se...". Under "Client Trust Store configuration", it says "Configure the client trust store settings for the destination endpoint" and has a checked checkbox for "Use default client trust store". In the "Additional Properties" section, there is a key-value pair: "sourceSystemId" with a value of "DEV". Red brackets highlight the "sourceSystemId" key and its value "DEV".

5) For **creating CloudIntegration Destination** mention same as CloudIntegration (case sensitive).

6) Just click on **1Key** either view data or download then fill in the required details for destination creation.



7) Note for URL just copy paste URL from key at last after **the URL mention**  
**/api/1.0/transportmodule/Transport**

8) **Token URL:** subaccount **URL at last /oauth/token**

# Cloud Transport Management Service

Switch to another Subaccount

**CloudIntegration**

**Edit** **Export** **Duplicate** **Delete** **...**

Destination Details	
Source:	New destination from scratch
Created On:	31 Oct 2025, 18:29:46 (GMT+05:30)
Modified On:	01 Nov 2025, 15:56:13 (GMT+05:30)
<b>Main Properties</b>	
Name:	CloudIntegration
Type:	HTTP
Description:	CloudIntegration
Proxy Type:	Internet
URL:	<a href="https://ana.ondemand.com/api/1.0/transportmodule/Transport">https://ana.ondemand.com/api/1.0/transportmodule/Transport</a>
<b>Authentication</b>	
Authentication:	OAuth2ClientCredentials
Client ID:	[REDACTED]
<input type="checkbox"/> Use mTLS for token retrieval	
Client Secret:	(hidden)
Token Service URL:	<a href="https://ana.ondemand.com/oauth/token">https://ana.ondemand.com/oauth/token</a>
Token Service URL Type:	Dedicated

9)Now let's create ContentAssemblyService **NAME: ContentAssemblyService** (Case sensitive mention same).

10)Fill the required details from this generated key.

casdev	Content Agent Service	standard	Cloud Foundry	Dev	1 key	Created
--------	-----------------------	----------	---------------	-----	-------	---------

# Cloud Transport Management Service

**ContentAssemblyService**

**Destination Details**

Source: New destination from scratch

Created On: 29 Oct 2025, 23:20:28 (GMT+05:30)

Modified On: 01 Nov 2025, 15:51:51 (GMT+05:30)

**Main Properties**

Name: ContentAssemblyService

Type: HTTP

Description: CONTENT AGENT DEST

Proxy Type: Internet

URL: <https://content-agent-assembly.cfapps.us10.hana.ondemand.com>

**Authentication**

Authentication: OAuth2ClientCredentials

Client ID: [REDACTED]

Use mTLS for token retrieval

Client Secret: (hidden)

Token Service URL: <https://hana.ondemand.com/oauth/token>

Token Service URL Type: Dedicated

11) After launching Integration suite **add all the capabilities**(as it's trail account please **add**) later assign **IS\_Provisioner** role for your DIP User to access integration suite.

Then Navigate to settings click on Integrations.

SAP Integration Suite

Home | Discover | Design | Monitor | Inspect | Settings | Integrations | Runtimes | MTGs and MAGs

Manage your tenant

Sense and respond to Events

SAP Integration Suite, Advanced Event Mesh, helps you take advantage of a complete event streaming, event management, and monitoring platform using event broker as a service that incorporates best practices, expertise, and technology for event-driven architecture (EDA) on a single platform.

Explore More

Recent

View recently accessed artifacts.

# Cloud Transport Management Service

12) Click On Transport, select TMS and check configuration then save if your destination is correct, you will receive success message.

The screenshot shows the SAP Integration Suite interface. On the left, there's a sidebar with icons for Home, Discover, Design, Monitor, Inspect, and Settings. The main area has a navigation bar with tabs: Runtime Profiles, Transport (which is selected), System, Custom Tags, Malware Scanner, and Design Guidelines. Below the tabs, there's a dropdown labeled 'Transport Mode' set to 'Transport Management Service'. To the right of the dropdown is a 'Check Configuration' button. A modal window titled 'Configuration Check Details' is open, showing a JSON response with one result entry:

```

1  [{"status": "SUCCESS", "description": "Configuration check for CloudIntegration"}, {"status": "SUCCESS", "description": "Configuration check for TransportManagementService"}]
  
```

Two red arrows point from the text above to the 'Check Configuration' button and the JSON results in the modal window.

# Cloud Transport Management Service

13) Navigate to Integration API as per the screenshot below create a TEST package and follow the below steps.

The image consists of three vertically stacked screenshots of the SAP Integration Suite interface, specifically the 'Design' view under 'Integrations and APIs'.

**Screenshot 1: Design View - Packages List**

- Shows a list of packages with one entry: 'TEST' (Name: TEST, Mode: Editable, Version: 1.0.0, Created By: Mon, 03 Nov 2025 05:16:04 GMT, Description: Create of new Iflows).
- A red box highlights the 'Create' button in the top right corner of the header.

**Screenshot 2: New Package Creation - Header Tab**

- Shows a form for creating a new package named 'TEST\_2'. Fields include Name: TEST\_2, Technical Name: TEST2, and Short Description: IFLOW\_2.
- A red box highlights the 'Save' button in the top right corner of the header.

**Screenshot 3: Package Overview - Artifacts Tab**

- Shows the 'TEST\_2' package overview with the 'Artifacts' tab selected.
- The 'Artifacts' table is currently empty, showing 'No data'.
- A red box highlights the 'Value Mapping' button in the toolbar above the table.

# Cloud Transport Management Service

The screenshots illustrate the process of creating and configuring an integration flow in SAP Integration Suite.

**Screenshot 1: Add Integration Flow Dialog**

- The dialog shows the "Create" option selected.
- Name:** TEST\_2
- ID:** TEST\_2
- Runtime Profile:** Cloud Integration
- Description:** TEST\_2
- Sender:** Sender
- Receiver:** Receiver
- Buttons: Add, Add and Open in Editor, Cancel

**Screenshot 2: Artifacts List**

- The list shows one artifact named "TEST\_2" created.
- Type:** Integration Flow
- Version:** 1.0.0
- Actions: More options (three dots), Delete

**Screenshot 3: Integration Flow Designer**

- The flow diagram shows a "Sender" node connected to a "Start" node.
- A context menu is open over the connection line, showing the "Adapter Type" dropdown.
- Adapter Type Options:**
  - GoogleCloudStorage
  - GooglePubSub
  - HTTPS
  - IBMMQ
  - IDOC
  - JMS
  - Kafka
  - Mail
  - Microsoft OneDrive
  - Microsoft SharePoint
  - OData
  - ProcessDirect
  - RahimMO
- Properties Bar:** PROPERTIES ARE NOT DEFINED

# Cloud Transport Management Service

Integrations and APIs / TEST\_2 / TEST\_2 /

**TEST\_2** Deployment Status: Not Deployed

Save Save as version Deploy Cancel Delete

Search and Add a Step

Integration Process

Sender → HTTP (Request, Response) → Start (Event) → End (Event) → Receiver

HTTPS

General Connection Conditions

REQUEST PROCESSING

Address: \* /test2

Authorization: \* User Role

User Role: \* ESBMessaging.send

CSRF Protected:

Externalize

Integrations and APIs / TEST\_2 / TEST\_2 /

**TEST\_2** Deployment Status: Not Deployed

Save Save as version Deploy Cancel Delete

Search and Add a Step

Confirmation

Do you want to deploy on the selected runtime profile?

Runtime Profile: Cloud Integration

Yes No

Integrations and APIs / TEST\_2 / TEST\_2 /

**TEST\_2** Deployment Status: Deployed on Nov 03, 2025, 11:46:23, Runtime Status: Started

Save Save as version Deploy Cancel Delete

Search and Add a Step

Integration Process

Sender → HTTP (Request, Response) → Start (Event) → End (Event) → Receiver

# Cloud Transport Management Service

**Integration Process**

**Version Information**

- Version: \* 1.0.1
- Comment: TEST2

**Monitor Message Processing**

All Artifacts	Past Hour	0	0	0	0
Messages	Failed Messages	Retry Messages	Completed Messages		

**Manage Integration Content**

All	All	All	+
2	2	0	
All	Started	Error	

**Packages (2)**

Name	Mode	Version	Created By	Created Date	Description	Action
TEST	Editable	1.0.0	[Redacted]	Mon, 03 Nov 2025 05:16:04 GMT	Create of new Iflows	
TEST_2	Editable	1.0.0	[Redacted]	Mon, 03 Nov 2025 06:06:27 GMT	IFLOW_2	

**TEST\_2**

Vendor: Mode: Editable Version: 1.0.0

**Artifacts (1)**

Name	Type	Version	Actions
TEST_2	Integration Flow	1.0.1	
TEST_2	Created		

# Cloud Transport Management Service

The screenshots illustrate the process of creating a transport request and viewing its logs.

**Screenshot 1: Create Transport Request**

This screenshot shows the 'Artifacts (1)' tab of a package named 'TEST\_2'. A modal dialog titled 'Transport' is open, allowing configuration of the transport mode ('Transport Management Service') and comments ('TEST\_2'). The 'Comments' field contains the value 'TEST\_2'. A checkbox for propagating the logged-in user as transport owner is unchecked. Buttons for 'Transport' and 'Cancel' are visible at the bottom right of the modal.

**Screenshot 2: Confirmation of Transport Request Creation**

This screenshot shows the same package 'TEST\_2'. A confirmation message is displayed in a modal dialog: 'Transport Request TEST2 - TEST\_2, TR ID: 191 is created in the configured Transport Management Service system.' An 'OK' button is at the bottom right of the modal.

**Screenshot 3: Transport Action Logs**

This screenshot shows the 'Transport Action Logs' section of the SAP Cloud Transport Management Service. It displays a table of actions taken on various nodes. The table includes columns for Node, Action Type, User, Status, and End Time. The log entries show various actions like 'Upload to Node', 'File Upload', and 'Delete Queue Entry' completed successfully.

Action	Node	Action Type	User	Status	End Time
Upload to Node	DEV	Upload to Node		Succeeded	Monday, Nov 3, 2025, 12:09:21 PM GMT+5:30
File Upload	N/A	File Upload		Succeeded	Monday, Nov 3, 2025, 12:09:21 PM GMT+5:30
Export to Node	DEV	Export to Node		Succeeded	Monday, Nov 3, 2025, 11:56:31 AM GMT+5:30
File Upload	N/A	File Upload		Succeeded	Monday, Nov 3, 2025, 11:56:31 AM GMT+5:30
Export to Node	DEV	Export to Node		Succeeded	Monday, Nov 3, 2025, 11:53:03 AM GMT+5:30
File Upload	N/A	File Upload		Succeeded	Monday, Nov 3, 2025, 11:53:02 AM GMT+5:30
Export to Node	DEV	Export to Node		Succeeded	Monday, Nov 3, 2025, 11:50:48 AM GMT+5:30
File Upload	N/A	File Upload		Succeeded	Monday, Nov 3, 2025, 11:50:48 AM GMT+5:30
Import to Node	DEV	Import to Node		Succeeded	Monday, Nov 3, 2025, 11:13:45 AM GMT+5:30
Export to Node	DEV	Export to Node		Succeeded	Monday, Nov 3, 2025, 10:59:34 AM GMT+5:30
File Upload	N/A	File Upload		Succeeded	Monday, Nov 3, 2025, 10:59:34 AM GMT+5:30
Add Queue Entry	QAS	Add Queue Entry		Succeeded	Friday, Oct 31, 2025, 6:05:05 PM GMT+5:30
Import to Node	DEV	Import to Node		Succeeded	Friday, Oct 31, 2025, 6:06:52 PM GMT+5:30
Upload to Node	DEV	Upload to Node		Succeeded	Friday, Oct 31, 2025, 6:04:56 PM GMT+5:30
File Upload	N/A	File Upload		Succeeded	Friday, Oct 31, 2025, 6:04:56 PM GMT+5:30
Delete Queue Entry	DEV	Delete Queue Entry		Succeeded	Friday, Oct 31, 2025, 5:58:55 PM GMT+5:30

# Cloud Transport Management Service

The screenshot displays two SAP Cloud Transport Management Service interfaces side-by-side.

**Top Interface (QAS View):**

- Left Sidebar:** Overview, Landscape Visualization, Landscape Wizard, Transport Nodes (selected), Transport Routes, Transport Requests, Transport Action Logs, Landscape Action Logs, Help.
- Header:** Overview / Transport Nodes / QAS, QAS, Destination: QAS, Application Type: CF Deploy Service, Region Key: us10-001.
- Buttons:** MTA Extension Descriptors, Import Scheduler, Disable Import, Enable Automatic Import.
- Table:** Import Queue (4 entries selected, 4 visible). Headers: Transport Request, Mode, Transport Description, Owner, Status, Entry Node, Timestamp. Entries:
  - 174: Final, TEST - TEST, Initial, DEV, Nov 3, 2025, 10:59:34 AM...
  - 191: Final, TEST2 - TEST\_2, Initial, DEV, Nov 3, 2025, 11:50:48 AM...
  - 204: Final, TEST2 - TEST\_22, Initial, DEV, Nov 3, 2025, 11:53:03 AM...
  - 218: Final, TEST2 - TEST\_2222, Initial, DEV, Nov 3, 2025, 11:56:31 AM...

**Bottom Interface (Landscape Visualization View):**

- Left Sidebar:** Overview, Landscape Visualization (selected), Transport Nodes, Transport Routes, Transport Requests, Transport Action Logs, Landscape Action Logs, Help.
- Header:** Overview / Landscape Visualization, Left-Right, Balanced.
- Diagram:** A network diagram showing connections between three nodes: DEV, QAS, and PRD. Arrows point from DEV to QAS and from QAS to PRD. The QAS node has a red box around it with the number '5' inside, indicating a quota limit.

**Note:** You can import your test iflow TR in QAS you will get error as we all know we have only 1-quota of Isuite inorder to import and test we need to procure required instances & subscriptions .