

# SAP Build Work Zone

## Federation of S/4HANA Content

SAP Korea  
Oct, 2024

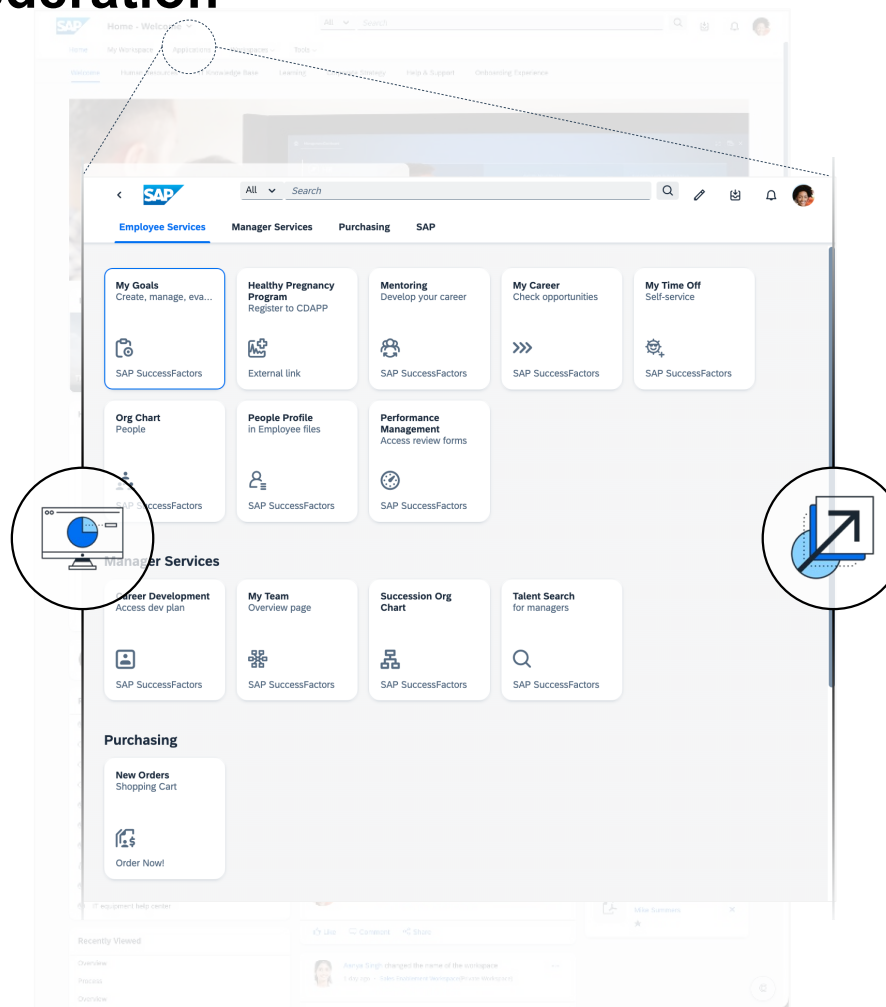
문도현

# SAP Build Work Zone Federation

S/4HANA의 콘텐츠를  
추가 개발 없이  
Work Zone을 통해 통합

하나의 공간에서  
Business Application에  
접근

ACCESS BUSINESS APPS



INTEGRATE BUSINESS CONTENT

## Manual Integration

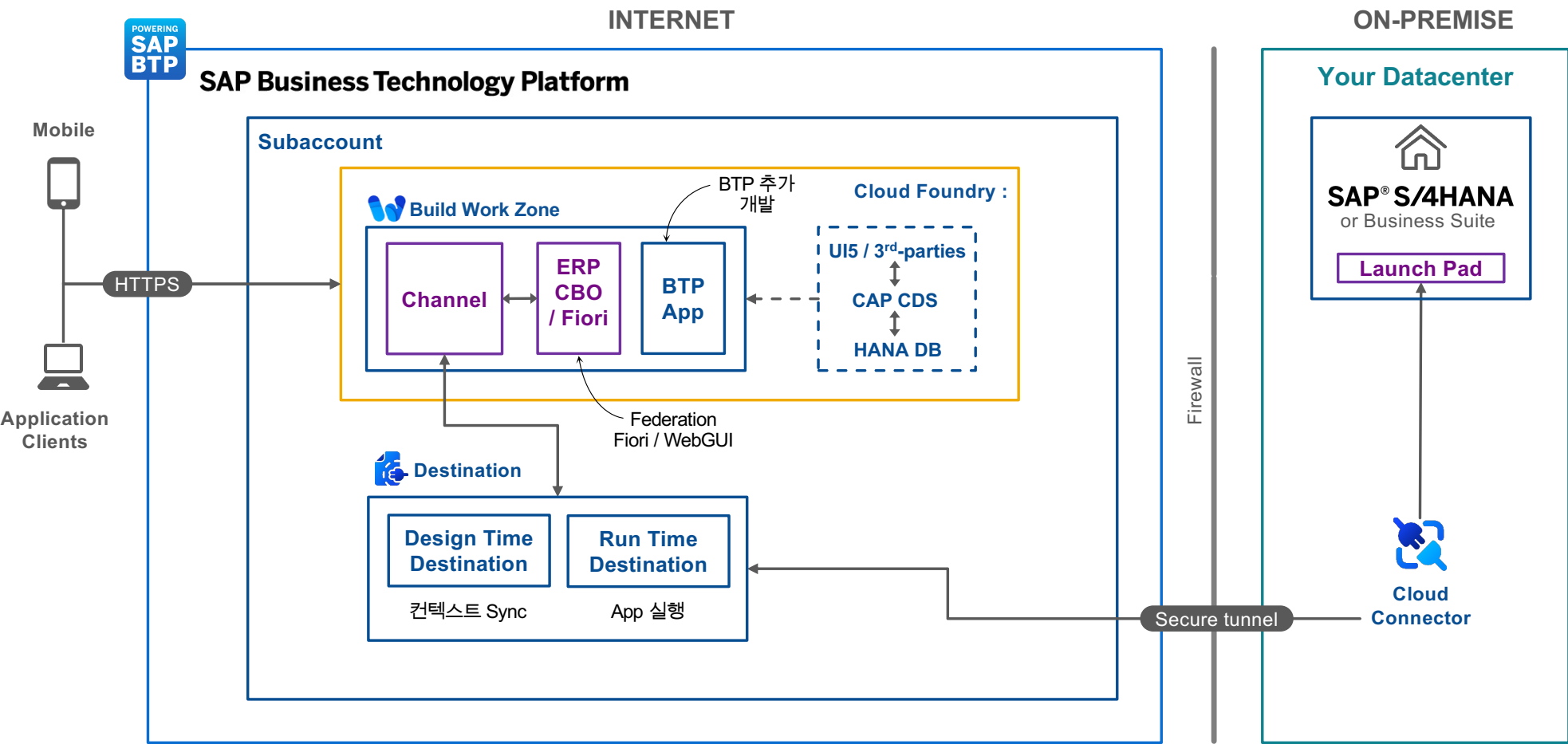
고객사 SAP S/4HANA에  
구축된 애플리케이션을 SAP  
BTP Cloud Foundry 또는  
ABAP 환경에서 통합

## Content Federation

다양한 콘텐츠 제공자의  
콘텐츠 노출기능 :

SAP S/4HANA on premise,  
SAP Enterprise Portal 또는  
SAP Business Technology  
Platform

# WorkZone Federation LandScape



## Build Work Zone Federation Flow



# S/4HANA Launchpad Role 배포



<https://help.sap.com/viewer/a7b390faab1140c087b8926571e942b7/LATEST/en-US/360d55bcdea041c3b5cd39680e230398.html>

To display, edit, or expose roles to the launchpad on SAP BTP you need to launch the transaction **/UI2/CDM3\_EXP\_SCOPE** (Manage Content for Launchpads on SAP BTP).

## Prerequisites

- Make sure that the page cache is active. In **User Maintenance** (transaction SU01), go to the **Parameters** tab and remove the user parameter `/UI2/PAGE_CACHE_OFF` from the list.
- In an embedded deployment, before exposing the content, the ABAP system administrator needs to set the value of the customizing parameter `EXPOSURE_SYSTEM_ALIASES_MODE` to `CLEAR`. For more information, see [Launchpad Configuration Parameters](#).
- Make sure that the ICF service `/sap/bc/ui2/cdm3` is active. For more information, see [SICF Services](#).
- The following authorization roles are required:
  - `SAP_FLP_ADMIN` - with this role, the administrator can expose content to the launchpads on SAP BTP.
  - `SAP_FLP_EXP_USER` - with this role, the end user can view the exposed content.

For more information, see [Assigning Users to Roles](#).

Further prerequisites related to SAP BTP can be found here: [Federation of Remote Content Providers](#).

Manage Content for Launchpad on SAP Cloud Platform

Manage Content for Launchpad on SAP Cloud Platform

Save Selected Roles Preview **Expose** View Exposed Content View Log

Select and expose your SAP Fiori content

Select the roles you would like to expose to the launchpad on SAP Cloud Platform. The launchpad administrator needs to integrate the roles and their assigned content by configuring a content provider in the administration environment on SAP Cloud Platform.

☐ All Roles  
☒ Select Roles

Roles  to



# WebGUI Clickjacking 보호 BTP URL 등록

<https://help.sap.com/viewer/864321b9b3dd487d94c70f6a007b0397/LATEST/en-US/966b6233e5404ebe80513ae082131132.html>

You need to protect your system against clickjacking (or UI redressing) attacks. This type of attack tricks the user into triggering actions within an application by hijacking mouse clicks.

transaction UCONCOCKPIT

Context Type Description	Mode	# not cov. by Whitelist	# total called URLs
1 Trusted Network Zone	Logging	46	53
2 ClickJacking Framing Protection	Logging	1	1
3 CSS Style Sheet	Logging	20	20
4 Cross-origin Resource Sharing	Active Check	1,388	1,388

Covered by	Scheme	Host	Port	Path
OO	https	b2fc2cc4trial.launchpad.cfapps.us10.hana.on...	443	

Nam.	Scheme rule	Host rule	Port rule	Path rule
C	https	b2fc2cc4trial.launchpad.cfapps.us10.hana.on...	443	*

# Cloud Connector S/4HANA Launchpad 등록



Cloud Connector Administration

Connector

- Security Status
- Alerting
- High Availability
- Hardware Metrics Monitor
- Configuration

Workzone Demo

- Cloud To On-Premise
- On-Premise To Cloud
- Monitor (Cloud to On-Premise)
- Monitor (On-Premise to Cloud)
- Audits
- Log And Trace Files

Important Links

Legal Information

Cloud To On-Premise

ACCESS CONTROL

Mapping Virtual To Internal System (2)

Sta...	Virtual Host
<input type="checkbox"/>	s30.virtual.com:50000
<input type="checkbox"/>	s40.virtual.com:50001

Resources Of s40.virtual.com:50001 (1)

Status	URL Path
<input type="checkbox"/>	/

Edit System Mapping

Virtual host and port cannot be changed

Back-end Type: ABAP System

Protocol: HTTPS

Virtual Host: s40.virtual.com

Virtual Port: 50001

Internal Host: saphana1.demo21.co.kr

Internal Port: 44389

SAProuter:

Principal Type: None

System Certificate for Logon: ☒

SNC Partner Name:

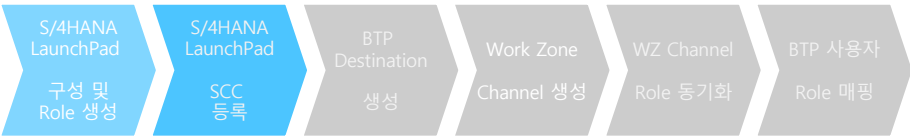
Host In Request Header: Use Virtual Host

Description: Workzone For (S40 PoC)

Check Internal Host: ☐

Save Cancel

# BTP Cloud Connector 등록 확인



Overview

Services

Cloud Foundry

HTML5 Applications

Connectivity

Cloud Connectors

Security

Entitlements

Usage Analytics

Legal Information

Subaccount: WZDemo - Cloud Connectors

Connected

Download Authentication Data

Master Instance (WZArifa)

Description: SCC on SAP Korea

Connector ID: 95ACF9E0266011ECC58CE1EDC0A86431

Connected since: 26.10.2024 17:05:07

Initiated by: \* dohyun.mun@sap.com

Version: 2.16.0

Java Version: 1.8.0\_301 (SAP AG)

High Availability: inactive

Force Disconnect

Exposed Back-End Systems

Host	Protocol	Back-End Type	Resources
s30.virtual.com:50000	HTTP	ABAP System	Available
s40.virtual.com:50001	HTTP	ABAP System	Available



# Configure Destinations



<https://help.sap.com/viewer/8c8e1958338140699bd4811b37b82ece/LATEST/en-US/f337b802513f437cb4f8cb02efe21990.html>

## Design-Time Destination

The design-time destination defines the location from which to fetch the content that was exposed by the content provider.

### Destination Configuration

Name:	s40designtime
Type:	HTTP
Description:	
URL:	http://s40.virtual.com:50001/sap/bc/ui2/cdm3/entities
Proxy Type:	OnPremise
Authentication:	BasicAuthentication
Location ID:	WZAriba
User:	fiori02
Password:	*****

### Additional Properties

HTML5.Dyna...	true	
sap-client	100	
sap-platform	ABAP	
sap-service	3240	
sap-sysid	S40	

# Configure Destinations



<https://help.sap.com/viewer/8c8e1958338140699bd4811b37b82ece/LATEST/en-US/f337b802513f437cb4f8cb02efe21990.html>

## Runtime Destination

The runtime destination defines the location from which to obtain the resources needed to run the federated apps in runtime.

### Destination Configuration

Name:*	s40runtime
Type:	HTTP
Description:	
URL:*	http://s40.virtual.com:50001
Proxy Type:	OnPremise
Authentication:	BasicAuthentication
Location ID:	WZAriba
User:*	fiori02
Password:	*****

### Additional Properties

HTML5.Dyna...	true	
sap-client	100	
sap-platform	ABAP	
sap-service	3240	
sap-sysid	S40	

# Manage Content Providers 채널 구성



<https://help.sap.com/viewer/8c8e1958338140699bd4811b37b82ece/LATEST/en-US/021bc1192cbd455d898542dcf584440e.html>

The administrator uses the Provider Manager to define, edit, and get updates from remote content providers.

Site Manager - Provider Manager

Content Providers (2)

Title & Description	ID	Destinations / Source	Last Modified	Status	Actions
<b>S4H2020</b> Automatic Mode	S4H2020	Design Time: dts4h2020 Runtime: rts4h2020	2021. 1. 13. AM 12:04:12	Updated	Report Map aliases
<b>HTML5 Apps</b> Subdomain: b2fc2cc4trial	saas_approuter	HTML5 App Repository	2021. 1. 11. PM 12:56:42	Activated	

Alias Mapping

Available Aliases (0/3) [Enter a New Alias](#)

Select aliases to map Runtime destination +

Mapped Aliases (3)

NW x S4PRC x S4LO x rts4h2020

Edit Content Provider

Title \*  
S4H2020

Description

ID \*  
S4H2020

Design-Time Destination \*  
dts4h2020

Runtime Destination \*  
rts4h2020

Content Addition Mode \*  
Automatic addition of all content items

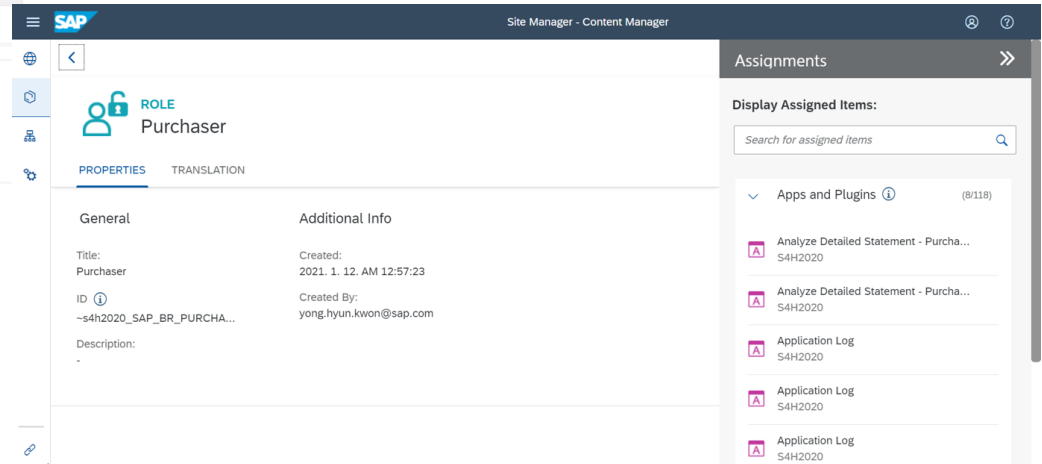
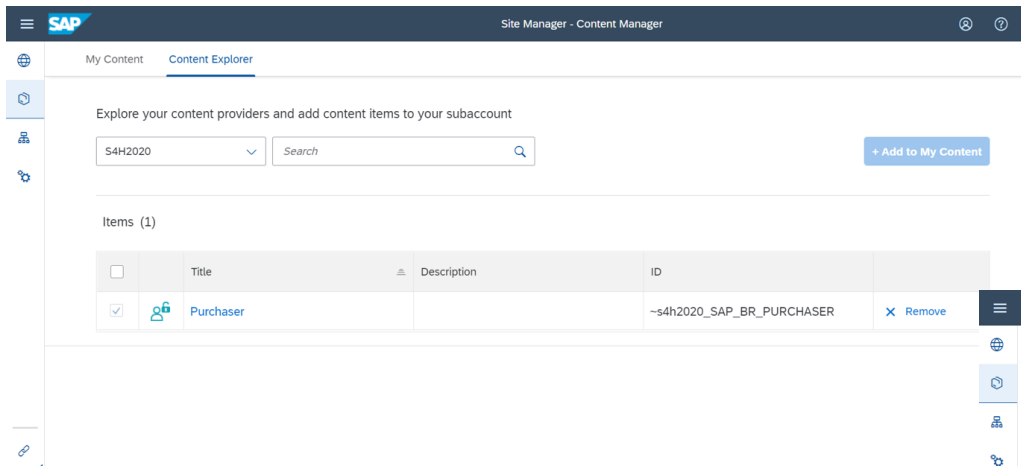
Save Cancel

# Role 하위 Tcode 확인



<https://help.sap.com/viewer/8c8e1958338140699bd4811b37b82ece/LATEST/en-US/021bc1192cbd455d898542dcf584440e.html>

The content provider is now visible also in the Content Explorer.



# Channel을 통해 가져온 Role 등록



<https://help.sap.com/viewer/8c8e1958338140699bd4811b37b82ece/LATEST/en-US/13e9abe196604356bb28bc2743e78ae9.html>

Administrators need to assign one or more roles to a site, to determine which users can access the runtime site and see the apps assigned to each role.

The screenshot displays the SAP Site Manager interface. On the left, the 'Site Directory' shows a 'Test Launchpad' site with a 'Created' date of 2021. 1. 11. The main area shows the 'Settings' for the 'Test Launchpad' site. The 'General' tab is active, showing fields for Name, Description, ID, URL, and Created date. The 'User Capabilities' tab is also visible, showing settings for Personalization, Theme Selection, Language Selection, Recent and Frequent Activities, and Group Display Mode. The 'Display' tab is also visible, showing settings for Launchpad View Mode, Tile Size, and Display on the screen. On the right, the 'Assignments' panel shows a list of roles assigned to the site, including 'Purchaser S4H2020'.

# Assign Roles to a Site



<https://help.sap.com/viewer/8c8e1958338140699bd4811b37b82ece/LATEST/en-US/13e9abe196604356bb28bc2743e78ae9.html>

5. In the SAP Cloud Platform cockpit, under Trust Configuration, assign the corresponding role collections to the users who should have access to the related apps in the runtime site.

**SAP Cloud Platform Cockpit**

Subaccount: trial - Trust Configuration

All: 1

Establish Trust Manual Setup: [New Trust Configuration](#) [SAML Metadata](#)

Status	Name	Description
Active	Default identity provider	Default identity provider

Learn more about how to [configure trust](#) and how to [assign roles](#)

**SAP Cloud Platform Cockpit**

Role Collection Assignment

APIManagement.SelfService.Administrator	
Subaccount Administrator	
Integration_Provisioner	
AuthGroup.Site.Admin	
AuthGroup.Content.Admin	
AuthGroup.ContentAuthor	
AuthGroup.API.Admin	
AuthGroup.API.ApplicationDeveloper	
APIPortal.Guest	
AuthGroup.SelfService.Admin	
APIPortal.Service.CatalogIntegration	
Launchpad_Admin	
<b>~s4h2020_SAP_BR_PURCHASER</b>	

Useful Links

Legal Information

Learn more about [assigning role collections to users](#).



#### 주요 과제

생활가전 사업부

운송 탄소 절감 과제

47K CO2e



93%

탄소 배출 저감

47K CO2e



70%

탄소 배출 저감

47K CO2e



79%

탄소 배출 저감

47K CO2e



91%

#### 주요 업무

This year



Main Business List

What should I do?

진행중



Main Business List

What should I do?

진행중



Main Business List

What should I do?

진행중



Main Business List

What should I do?

진행중

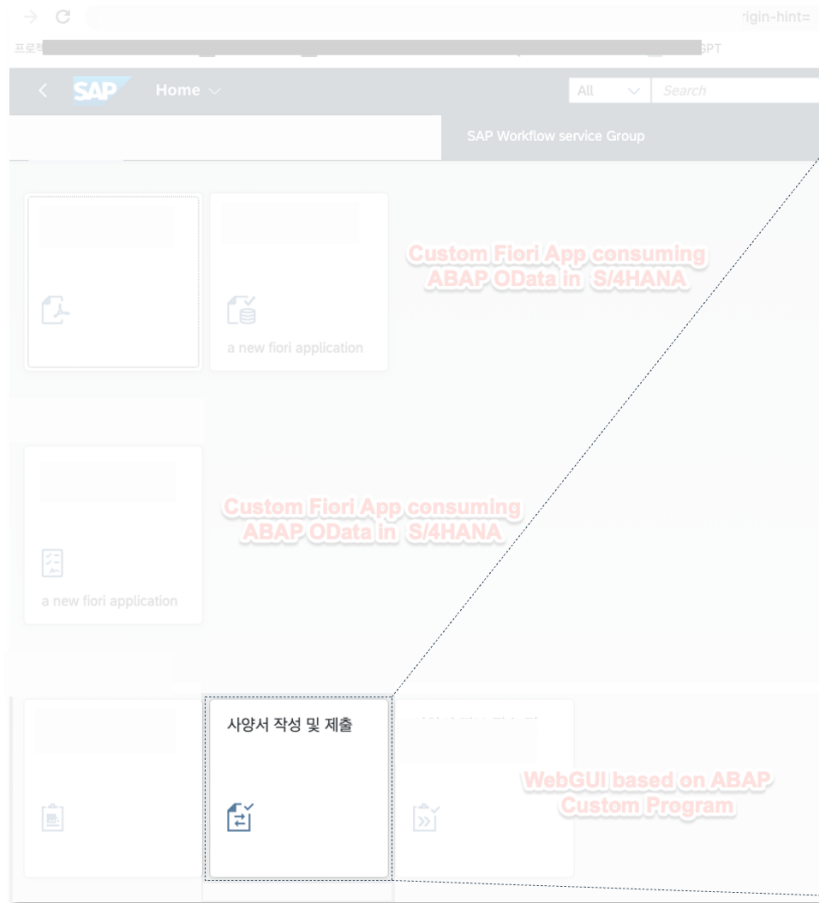


Main Business List

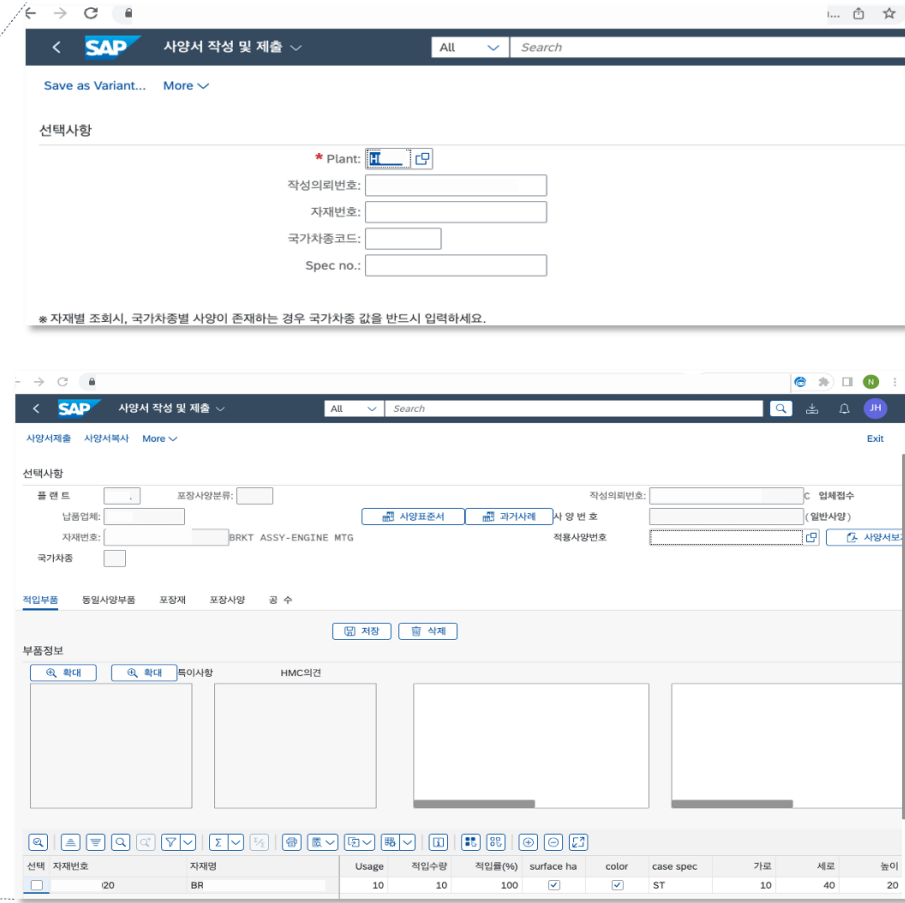
What should I do?

진행중

# Federation WebGUI 예제



- S/4HANA의 Tcode를 BTP Build WorkZone Launchpad와 Federation 통합



- CBO Tcode가 WebGUI로 통합되어진 모습



**Thank you.**