# SAP Build Work Zone
## Federation of S/4HANA Content

SAP Korea
Oct, 2024
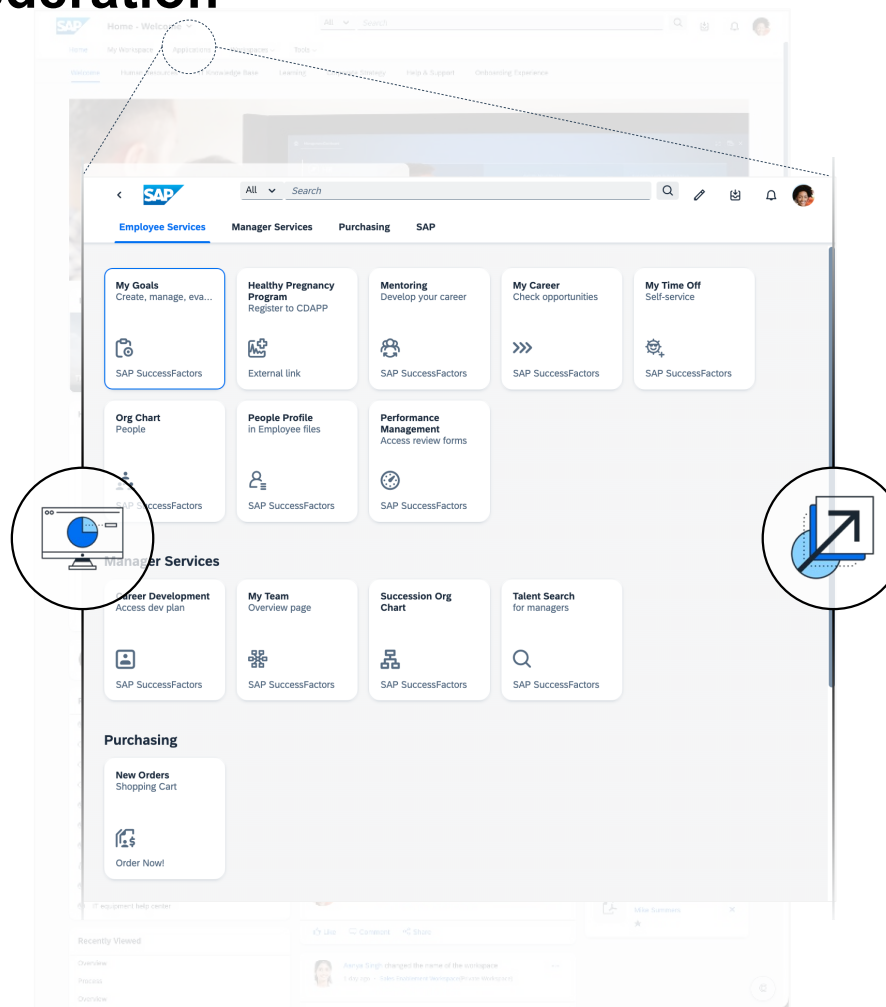
문도현

THE BEST RUN SAP

# SAP Build Work Zone Federation

S/4HANA의 컨텐츠를
**추가 개발 없이**
Work Zone을 통해 **통합**

하나의 공간에서
Business Application에
접근

ACCESS BUSINESS APPS

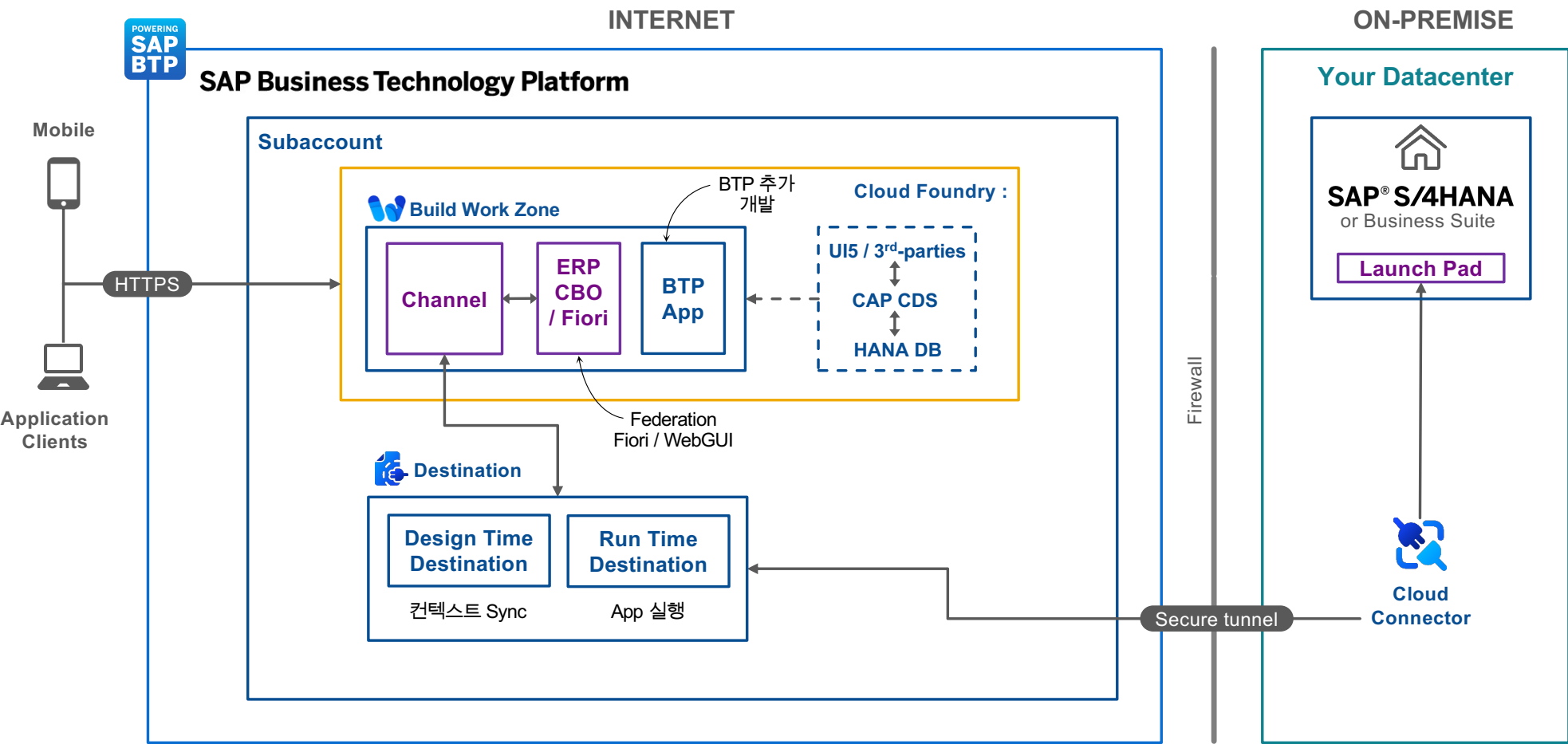INTEGRATE BUSINESS CONTENT

**Manual Integration**

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

**Content Federation**

다양한 컨텐츠 제공자의
컨텐츠 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

구성 및
Role 생성

S/4HANA
LaunchPad

SCC
등록

BTP
Destination

생성

Work Zone

Channel 생성

WZ Channel

Role 동기화

BTP 사용자

Role 매핑

S/4HANA
LaunchPad
구성 및
Role 생성

S/4HANA
LaunchPad
SCC
등록

BTP
Destination
생성

Work Zone
Channel 생성

WZ Channel
Role 동기화

BTP 사용자
Role 매핑

# 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.

# 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

# Cloud Connector S/4HANA Launchpad 등록

# BTP Cloud Connector 등록 확인

# 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

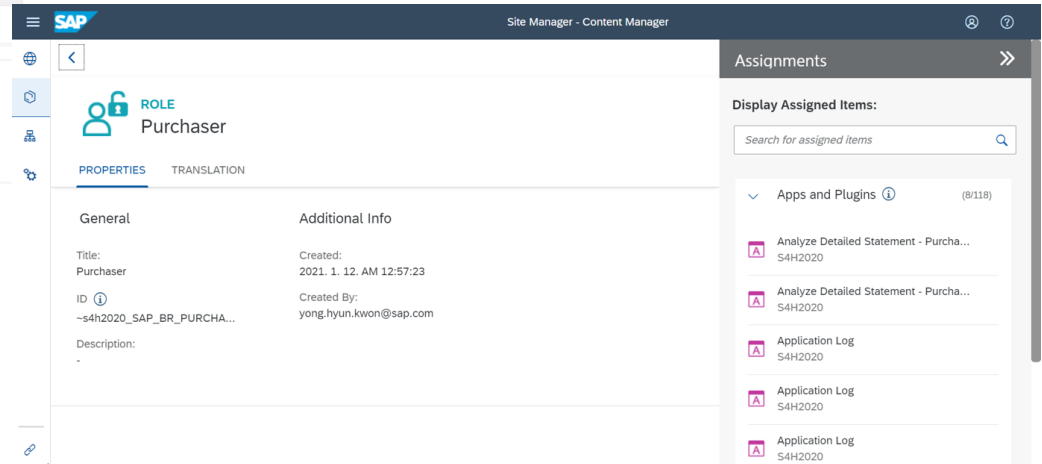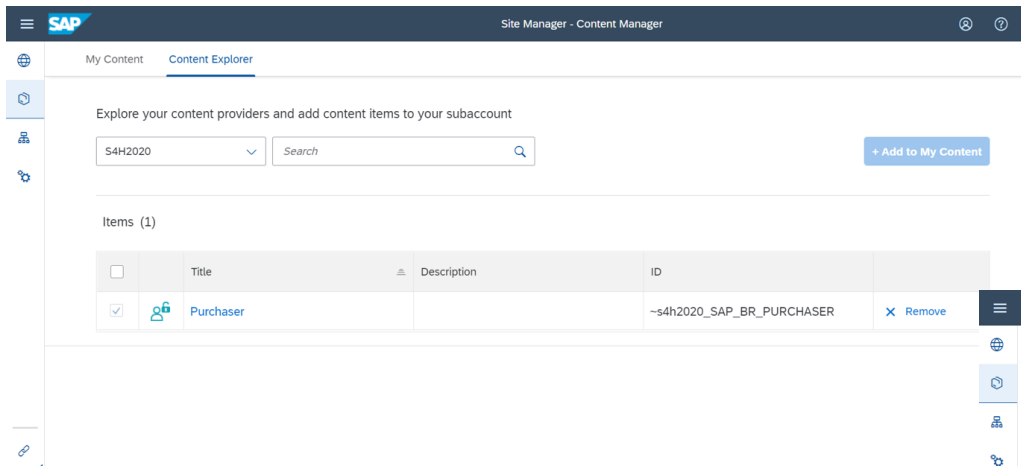The administrator uses the Provider Manager to define, edit, and get updates from remote content providers.

# 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.

# 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.

All ⌄    Search

Home    My Workspace    Applications    Workspaces ⌄

Overview    Content    Trash

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 shoud I do?                          진행중

Main Business List
What shoud I do?                          진행중

Main Business List
What shoud I do?                          진행중

Main Business List
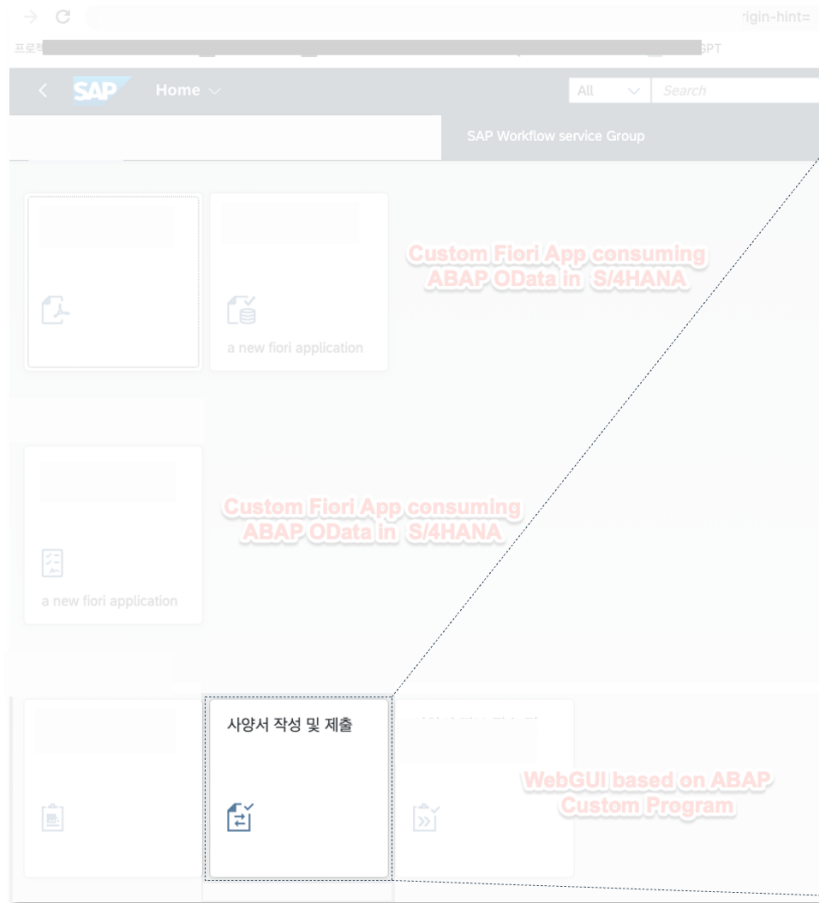What shoud I do?                          진행중
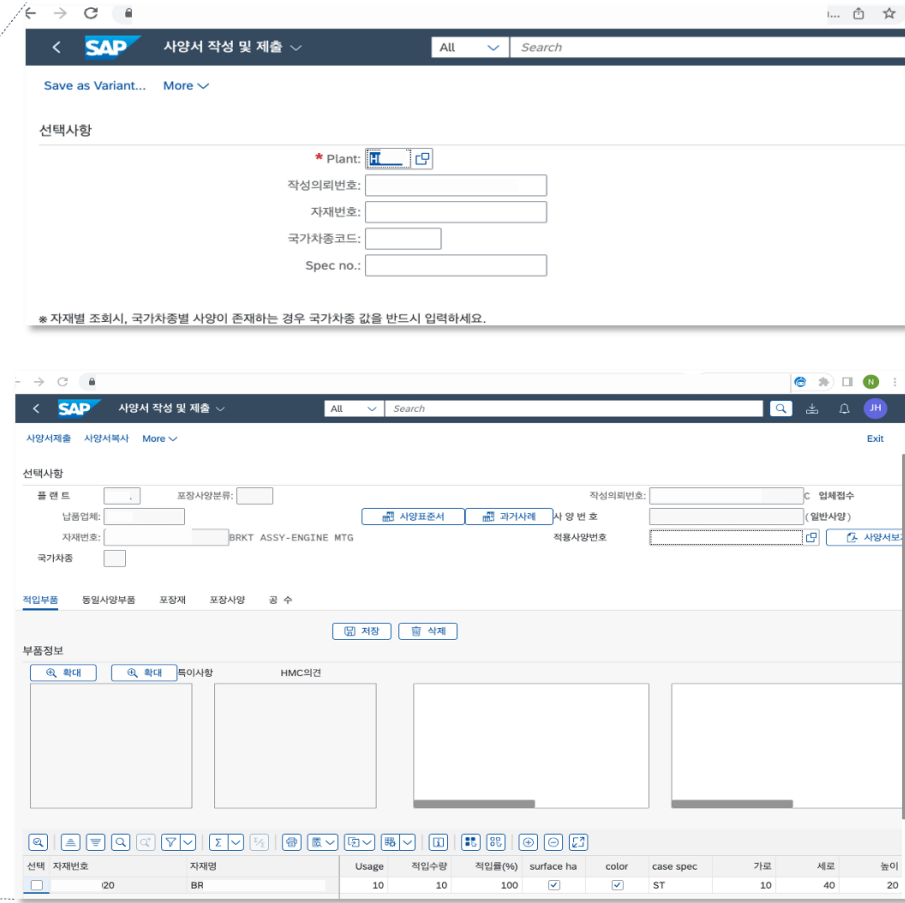
Main Business List
What shoud I do?                          진행중

# Federation WebGUI 예제



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

- CBO Tcode가 WebGUI로 통합되어진 모습

# Thank you.