Unit 8 – Developing with SAP Extension Suite

Certification: C_CPE_13

Unit 8 – Connecting to SAP S/4HANA Cloud

Agenda

- What have we learned so far
- Connect SAP S/4HANA Cloud system with SAP BTP account
- Create SAP S/4HANA Cloud Extensibility service instance
- Use SAP S/4HANA Cloud destination
- Deploy CAP project using SAP CICD servi

Steps involved

1. Initialize full-stack project – Completed (Unit 1, 2)
2. Create the tables – Data Modeling – Completed (Unit 1, 2)
3. Generic handlers – Out-of-the-box CRUD functionality – Completed (Unit 1, 2)
4. Basic UI – Completed (Unit 3)
5. List Report layout – Completed (Unit 3)
6. Custom event handling – Business logic – Completed (Unit 3)
7. Support for external API – Completed (Unit 4)
8. Connecting to Sandbox – Completed (Unit 4)

Steps involved

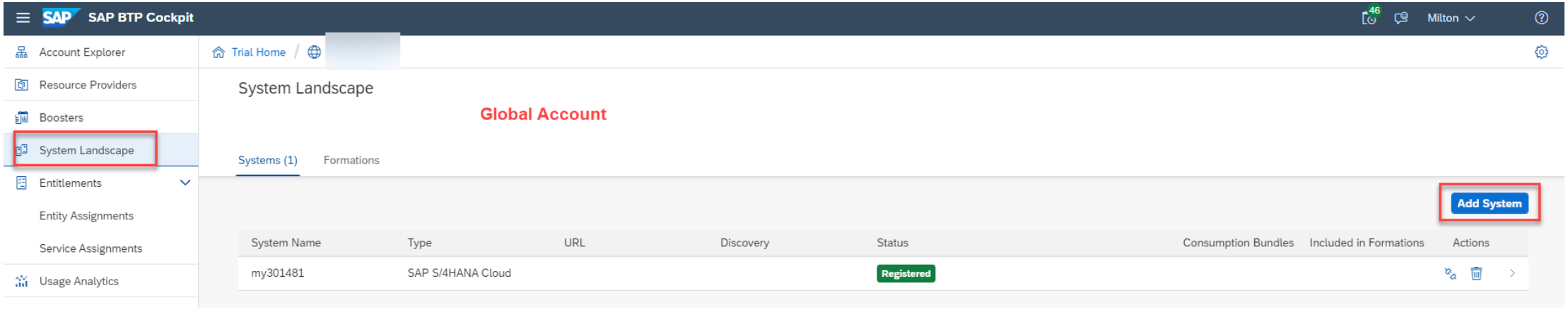
9. Consume external service in UI – Completed (Unit 4)
10. Manual deployment to CF using manifest.yml – Completed (Unit 5)
11. Manual deployment to CF using mta.yml – Completed (Unit 5)
12. Security – Restrictions and Roles– Completed (Unit 6)
13. Security – Authorization and Trust Management– Completed (Unit 6)
14. Creating an AppRouter– Completed (Unit 6)
15. Adding AppRouter to mta– Completed (Unit 6)
16. CI / CD Pipeline– Completed (Unit 7)

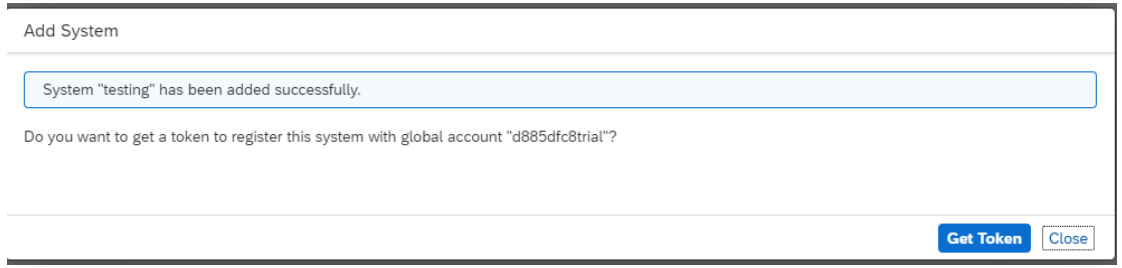
Connecting to SAP S/4HANA Cloud

Steps involved:

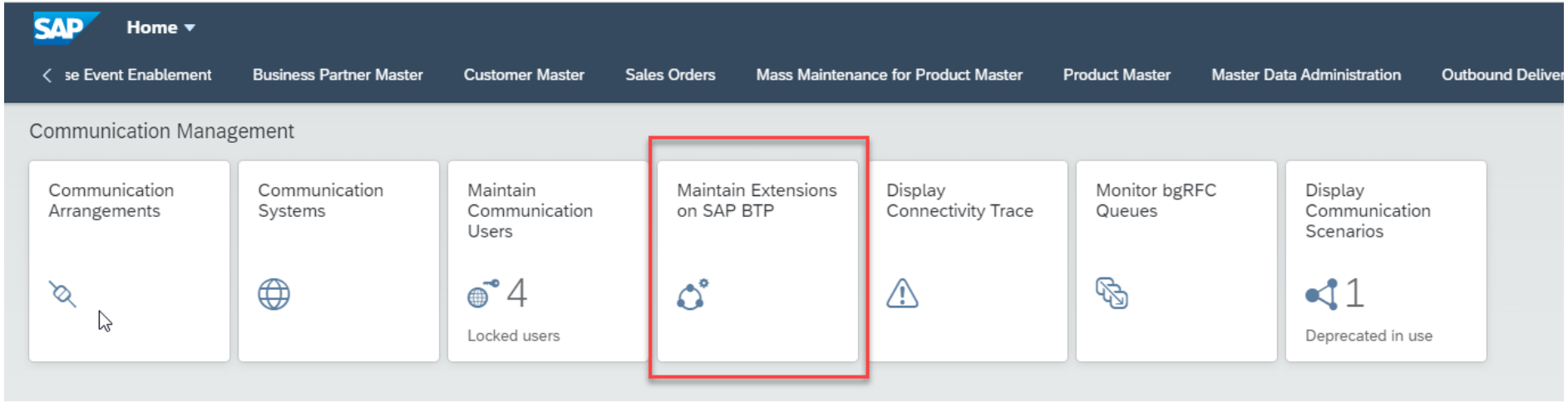
- Connect SAP S/4HANA Cloud system with SAP BTP account
- Create SAP S/4HANA Cloud Extensibility Service instance
- Use SAP S/4HANA Cloud Destination in CAP project
- Deploy CAP project

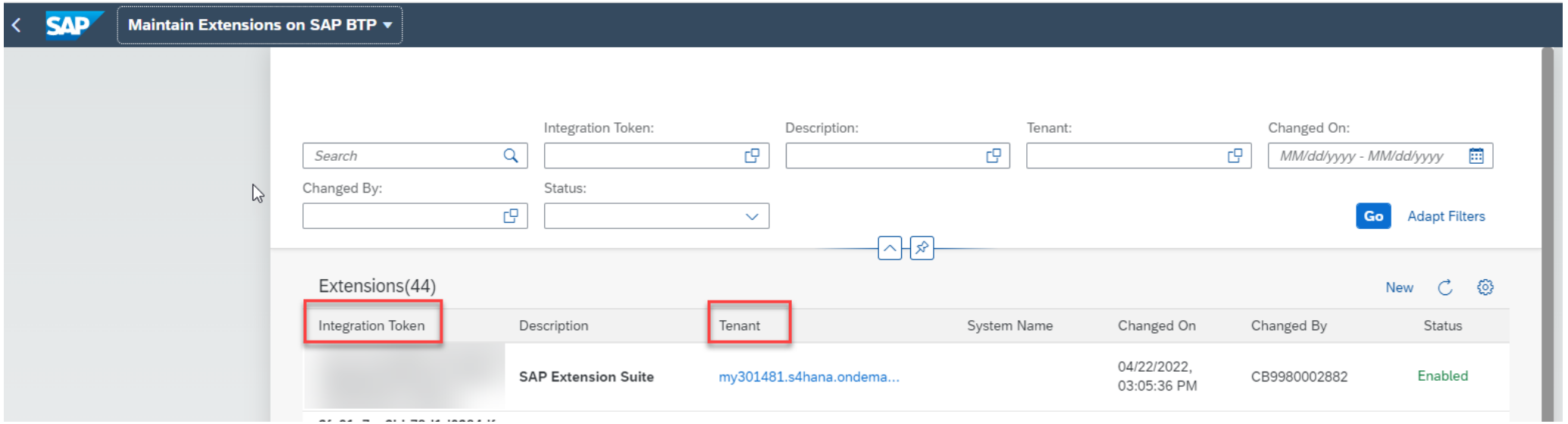
Step 1 – Connect SAP S/4HANA Cloud with SAP BTP account



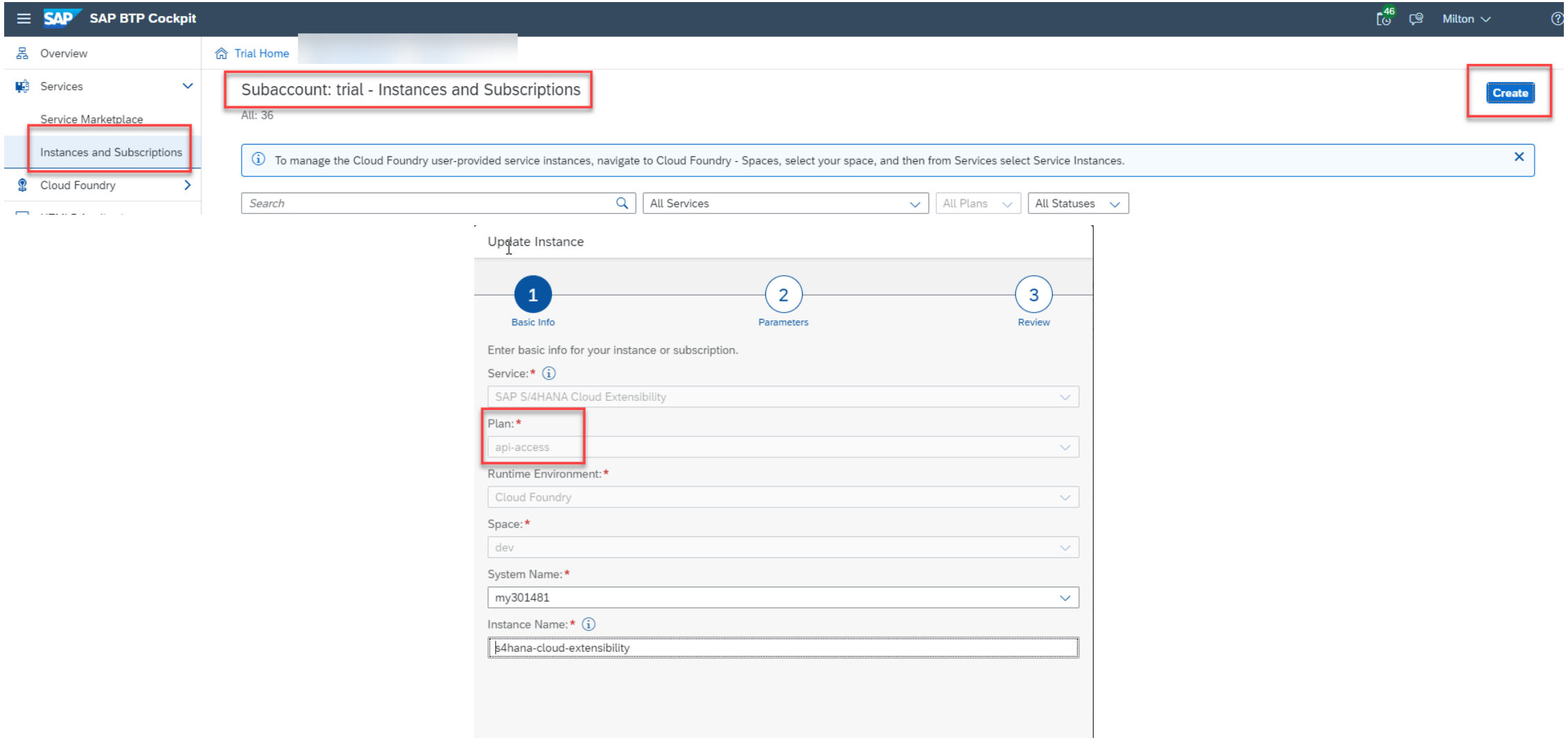


Step 1 – Connect SAP S/4HANA Cloud with SAP BTP account

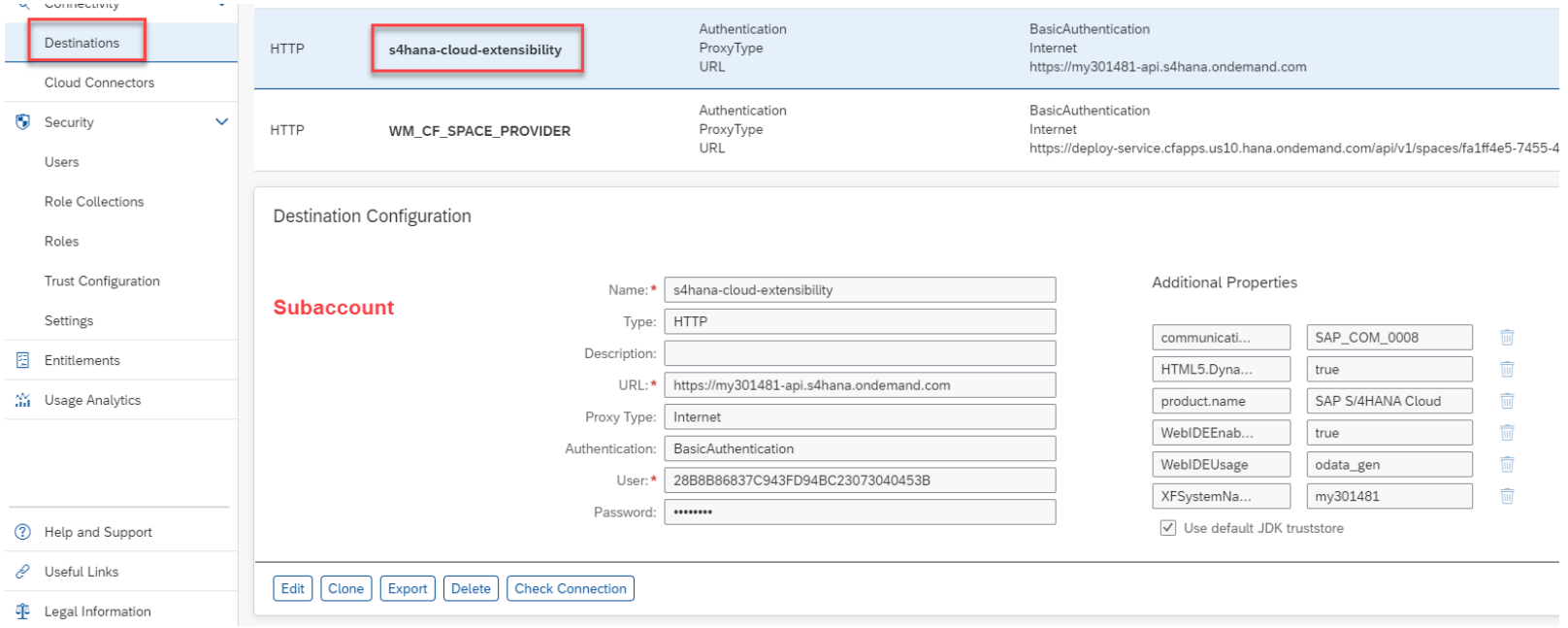




Step 2 – Create SAP S/4HANA Cloud Extensibility Service



Step 2 – Create SAP S/4HANA Cloud Extensibility Service

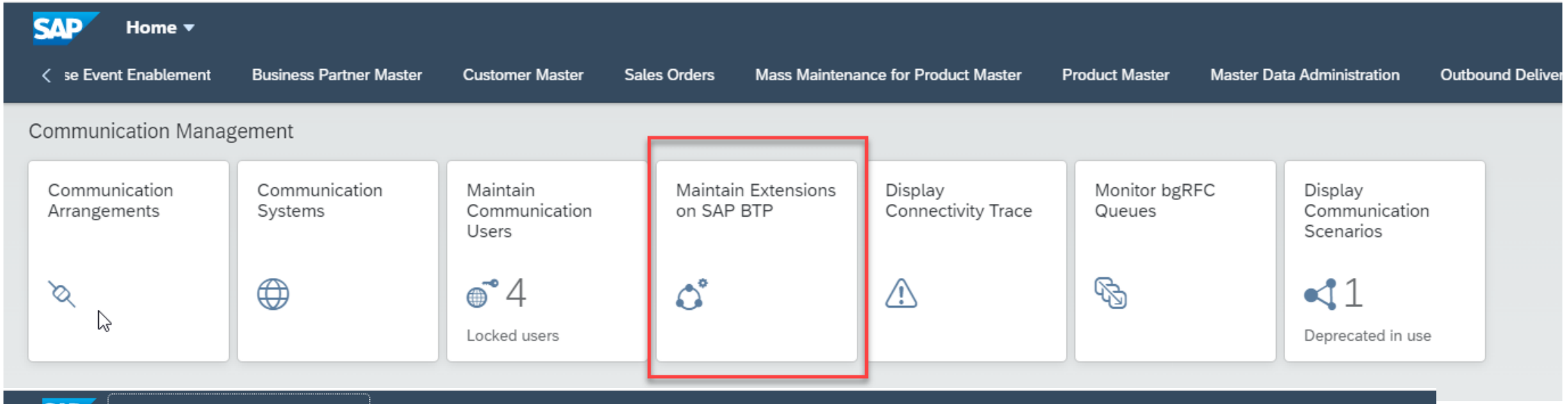


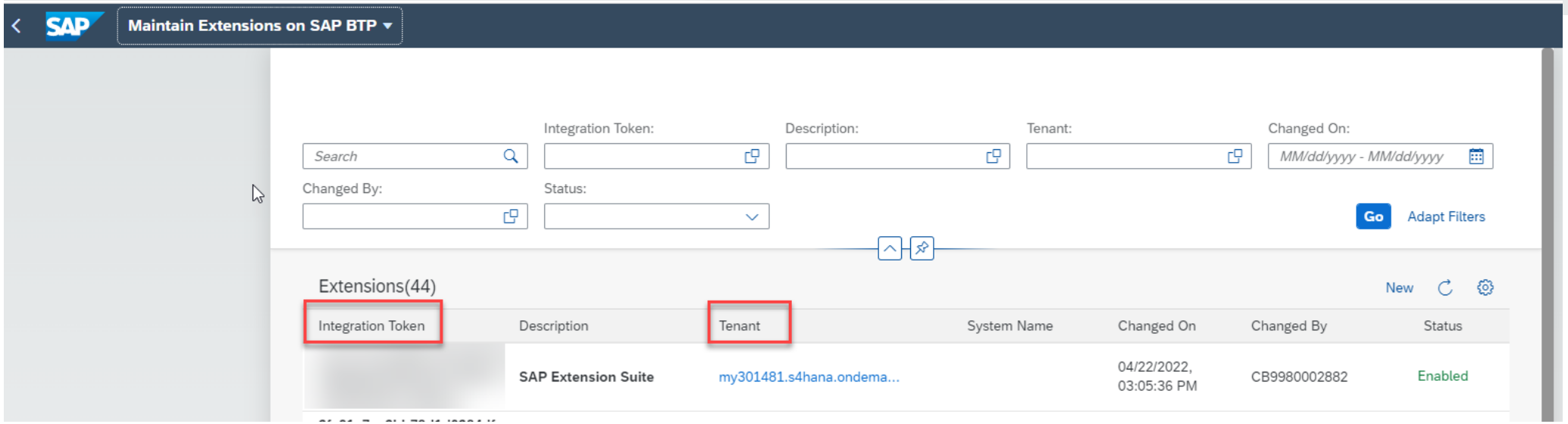
Step 3 – Use SAP S/4HANA Cloud Destination

```
],
"cds": {
  "requires": {
    "API_BUSINESS_PARTNER": {
      "kind": "odata",
      "model": "srv\\external\\API_BUSINESS_PARTNER",
      "[development]": {
        "credentials": {
          "url": "https://sandbox.api.sap.com/s4hanacloud/sap/opu/odata/sap/API_BUSINESS_PARTNER/"
        }
      },
      "[production]": {
        "credentials": {
          "destination": "s4hana-cloud-extensibility",
          "path": "sap/opu/odata/sap/API_BUSINESS_PARTNER/"
        }
      }
    }
```

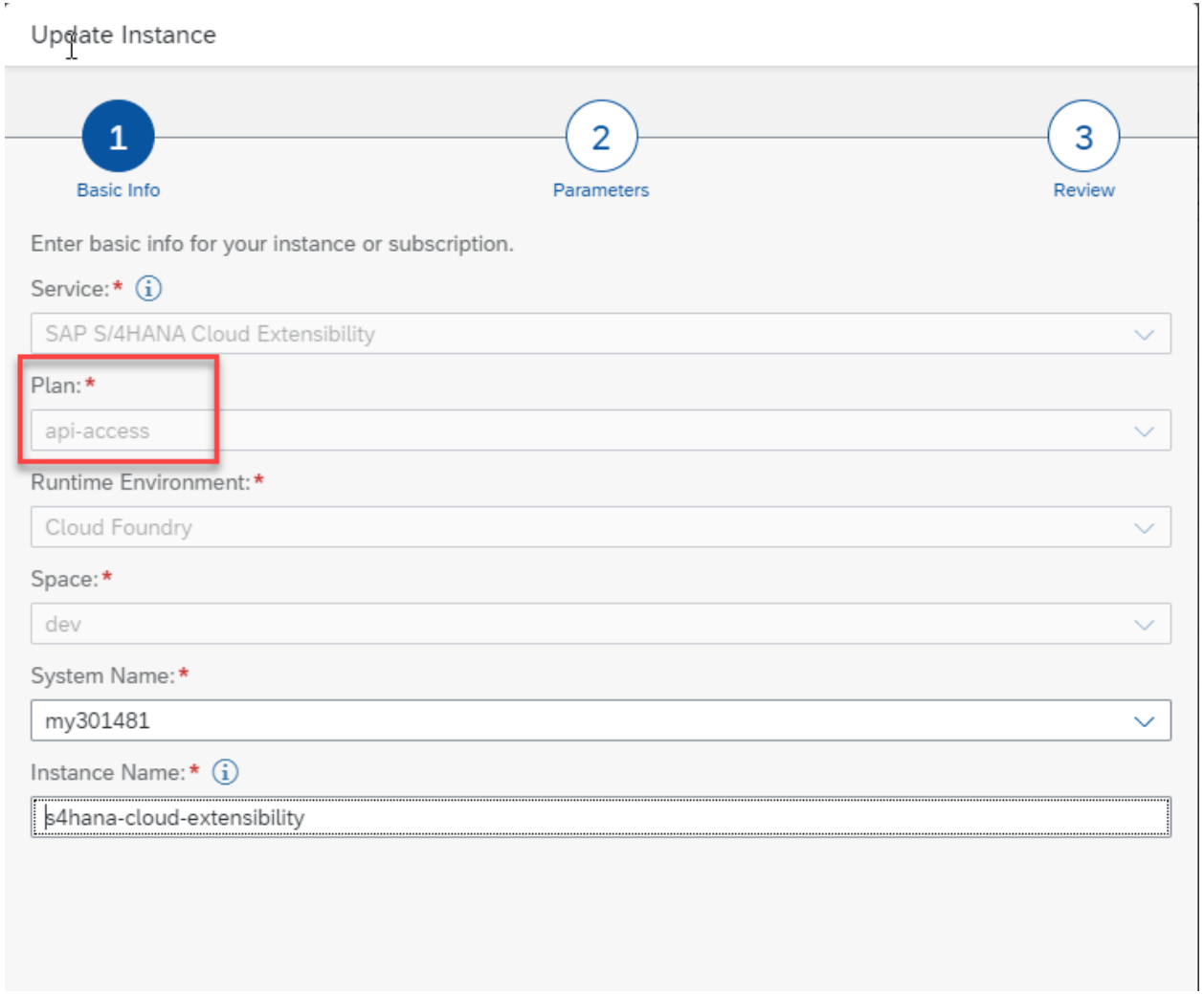
Use the new destination...

Key Summary Points – Unit 8





Key Summary Points – Unit 8



Key Summary Points – Unit 8

Q2. Which service plan of the SAP BTP S/4HANA Cloud Extensibility service do you choose when you want to use the Business Partner API of your SAP S/4HANA Cloud system?

A Cloud Foundry

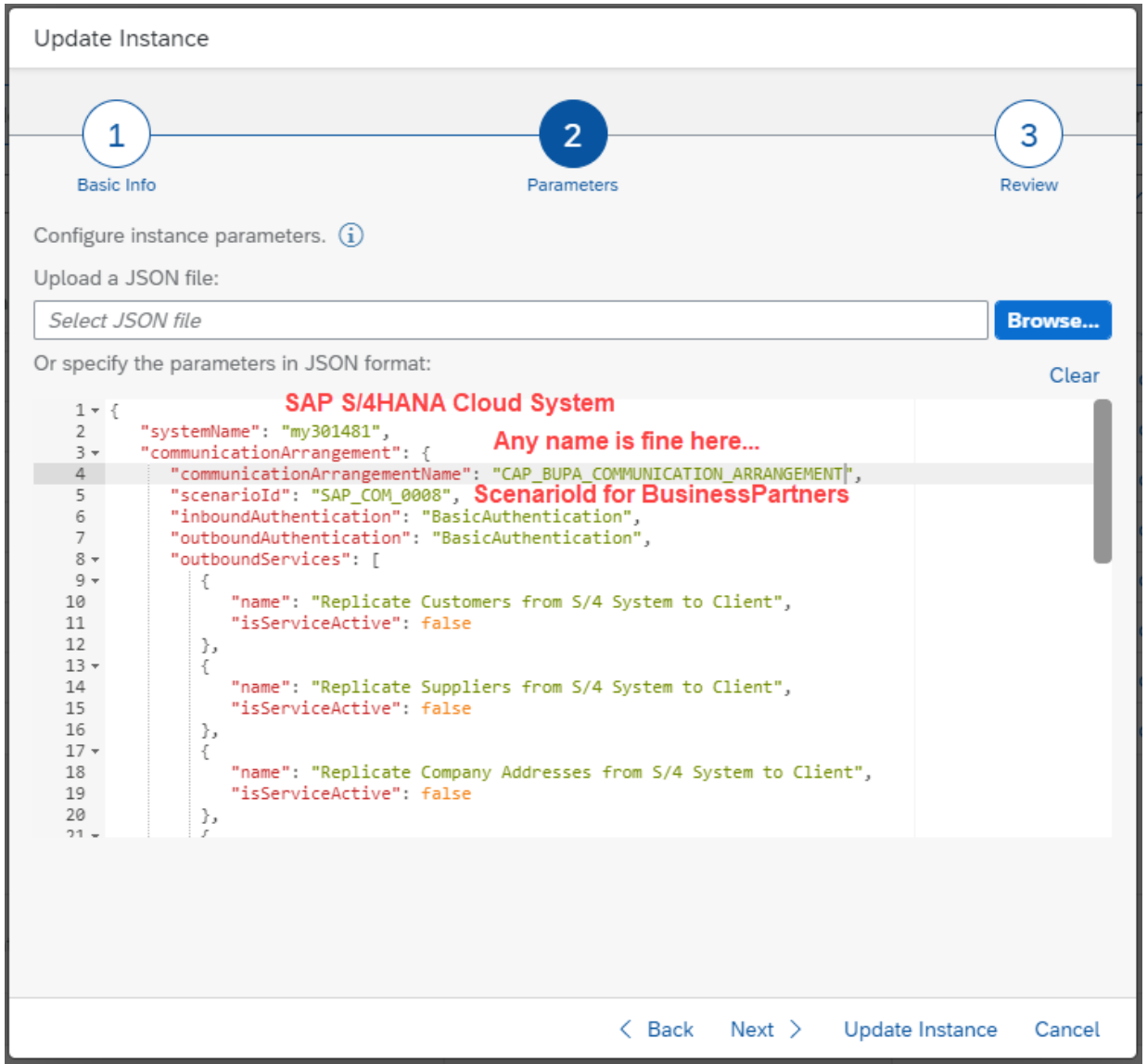
B SAP_COM_0008

✓ api-access

✓ Correct

Correct. You choose the api-access service plan of the SAP BTP S/4HANA Cloud Extensibility service to use the Business Partner API of your SAP S/4HANA Cloud system.

Key Summary Points – Unit 8



Key Summary Points – Unit 8

Q3. What is required when registering an SAP S/4HANA Cloud system in your SAP BTP global account?

- ✓ A token
- B A coin
- C A voucher
- D A developer

✓ Correct

Correct. A token is required when registering an SAP S/4HANA Cloud system in your SAP BTP global account.