Week 5: Security

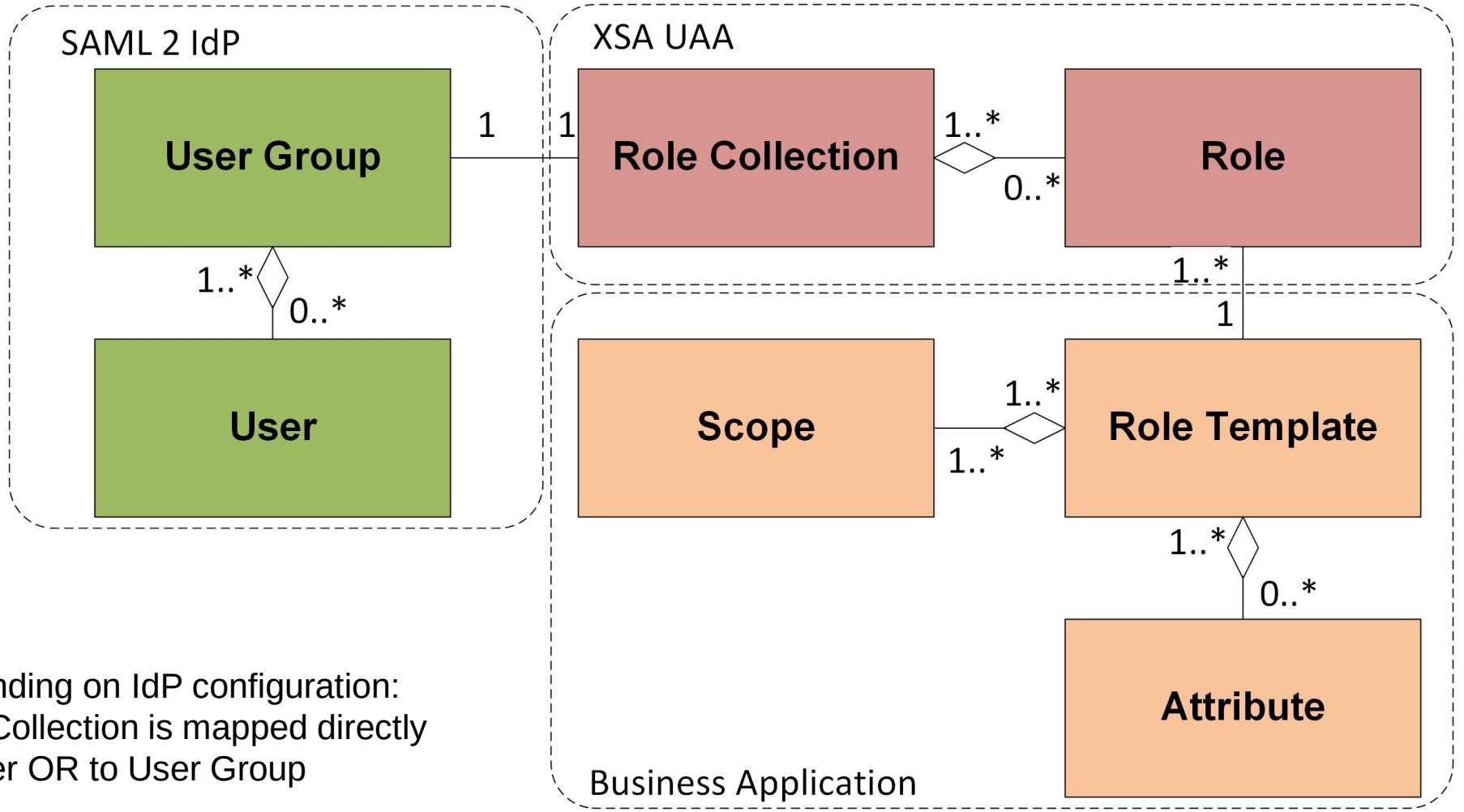
Unit 6: Administrating Authorizations

SAP Run Simple

openSAP
open.sap.com

Administrating Authorizations

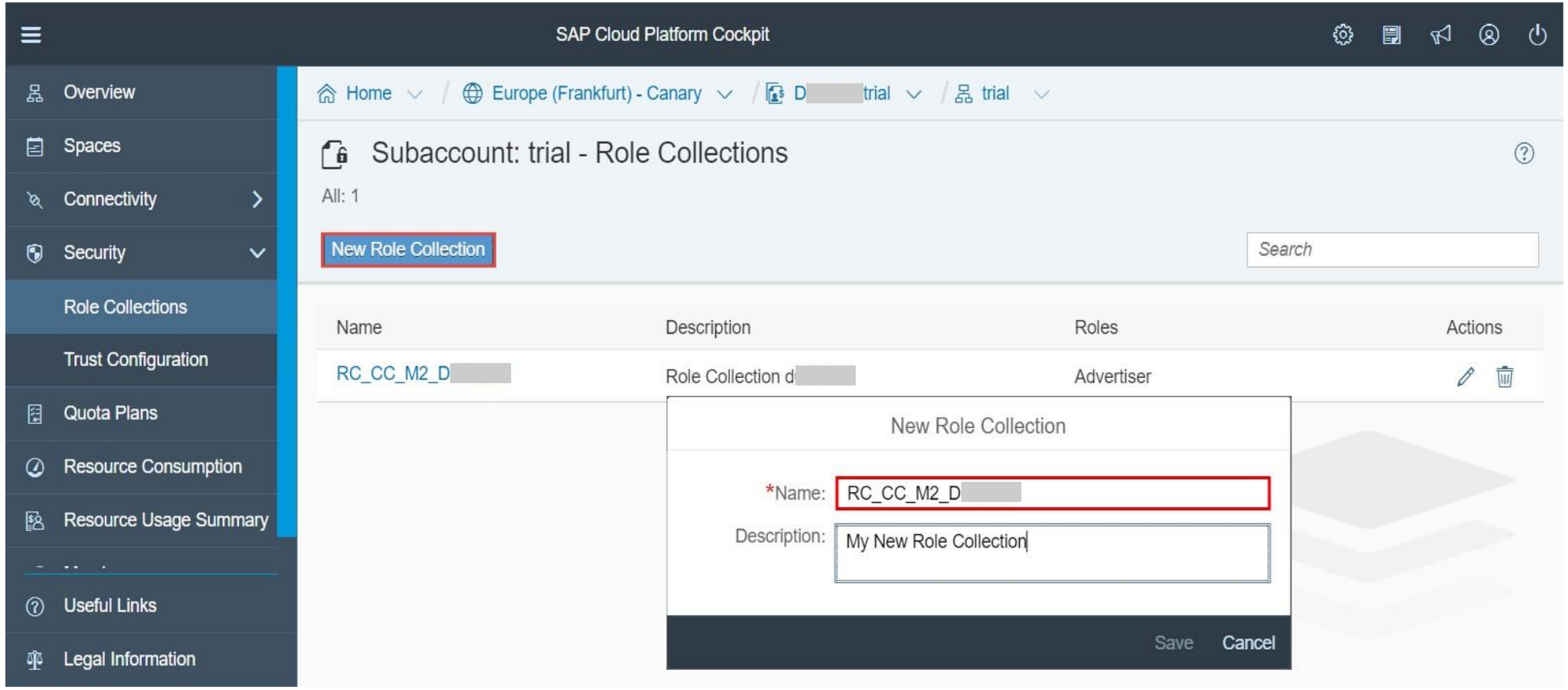
Data model of authentication and authorization



Depending on IdP configuration:
Role Collection is mapped directly to User OR to User Group

Administrating Authorizations

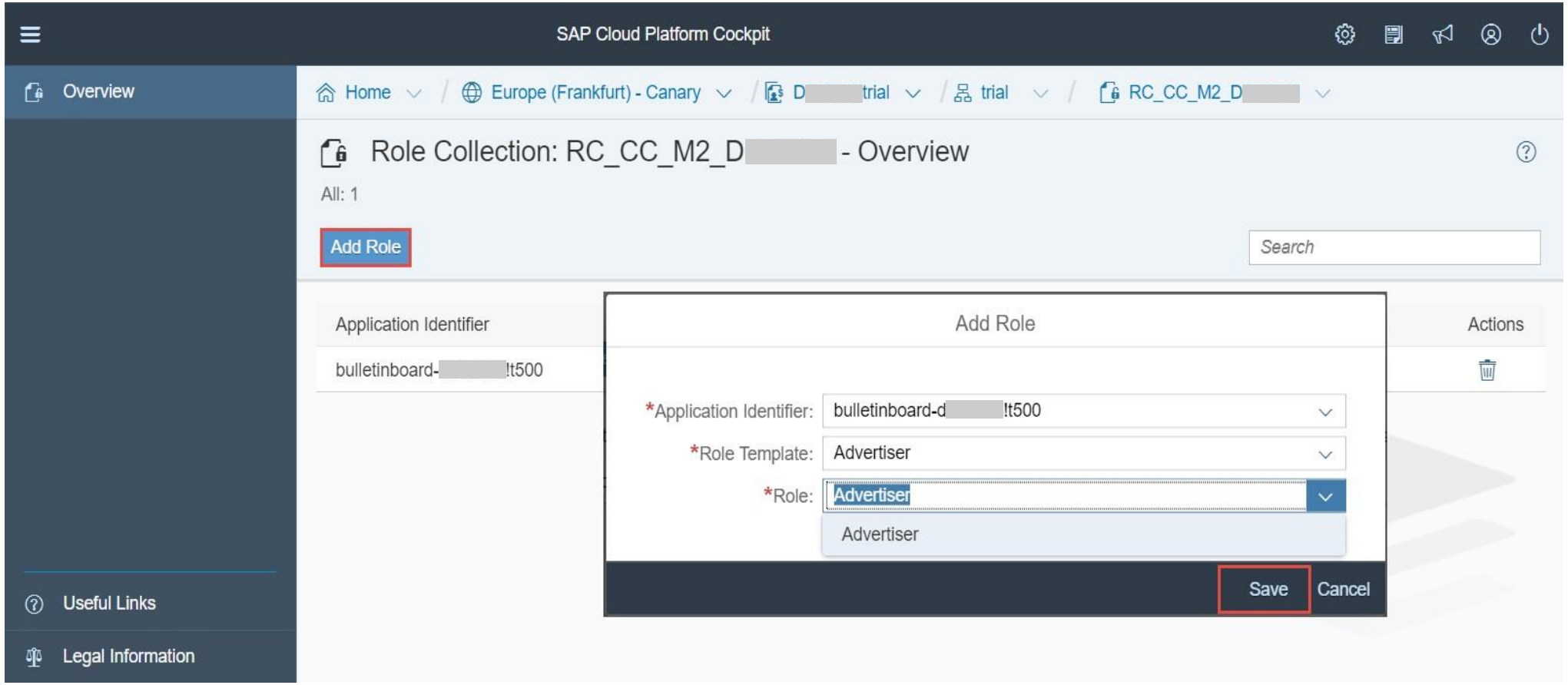
SAP Cloud Platform Cockpit – Security: Create role collection and assign role(s)



Note: Roles can be explicitly defined in the context of your application

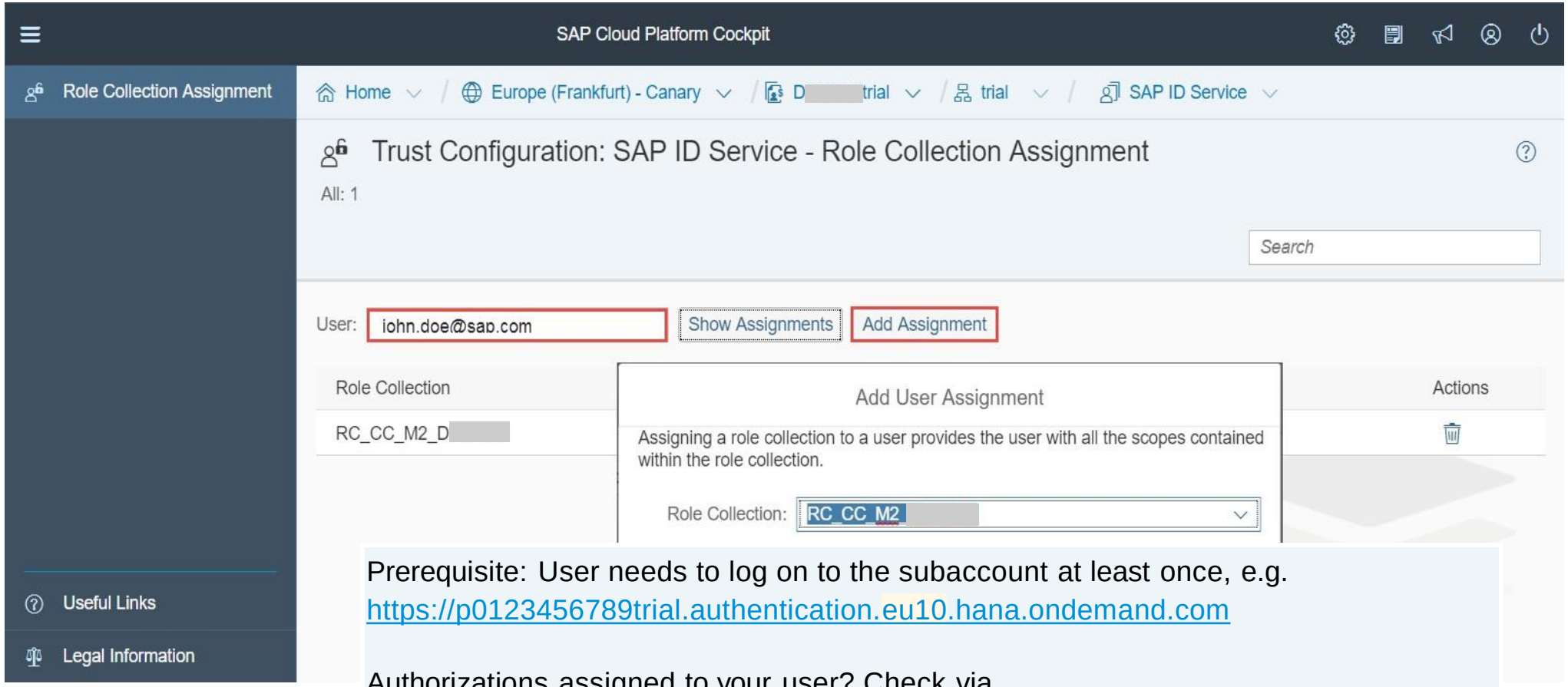
Administrating Authorizations

SAP Cloud Platform Cockpit – Security: Create role collection and assign role(s)



Administrating Authorizations

SAP Cloud Platform Cockpit – Security: Assign role collection to user

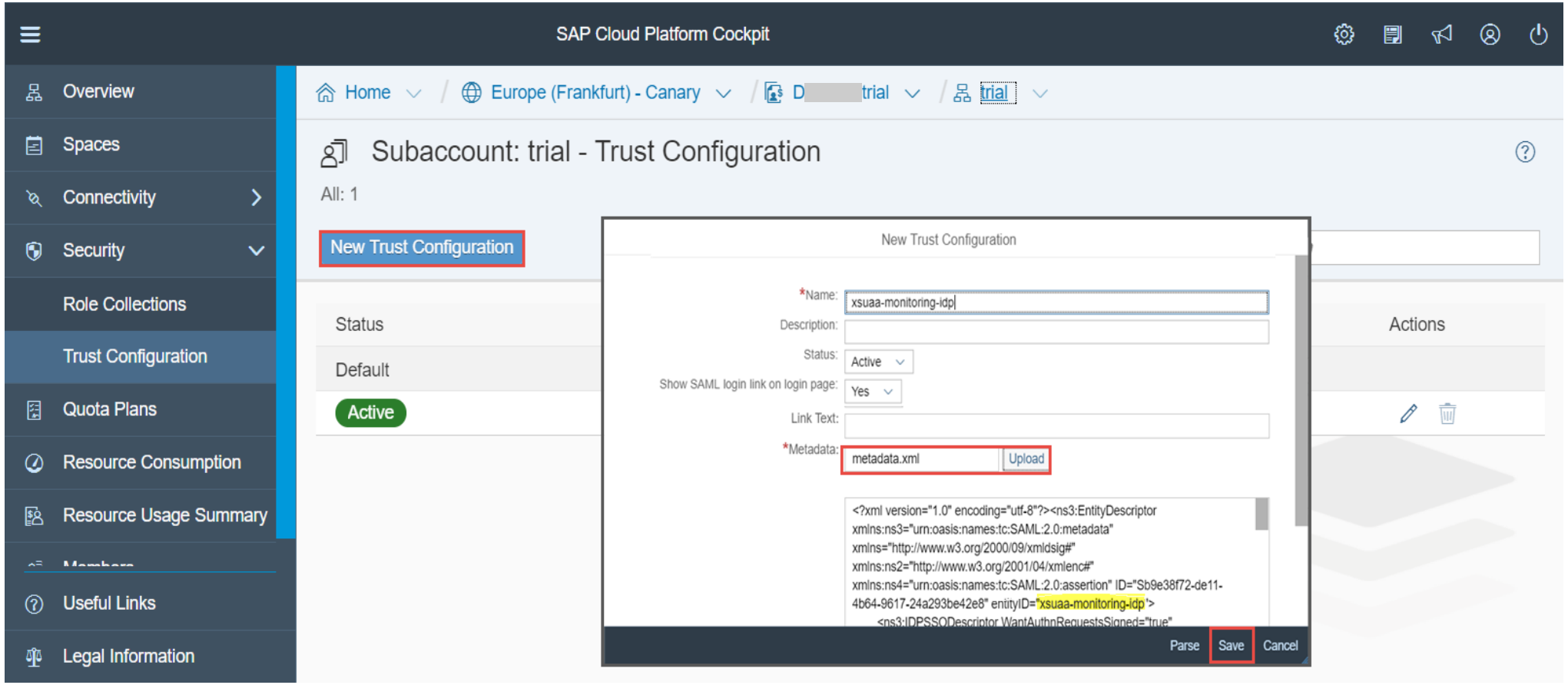


Prerequisite: User needs to log on to the subaccount at least once, e.g. https://p0123456789trial.authentication.eu10.hana.ondemand.com

Authorizations assigned to your user? Check via https://p0123456789trial.authentication.eu10.hana.ondemand.com/config?action=who

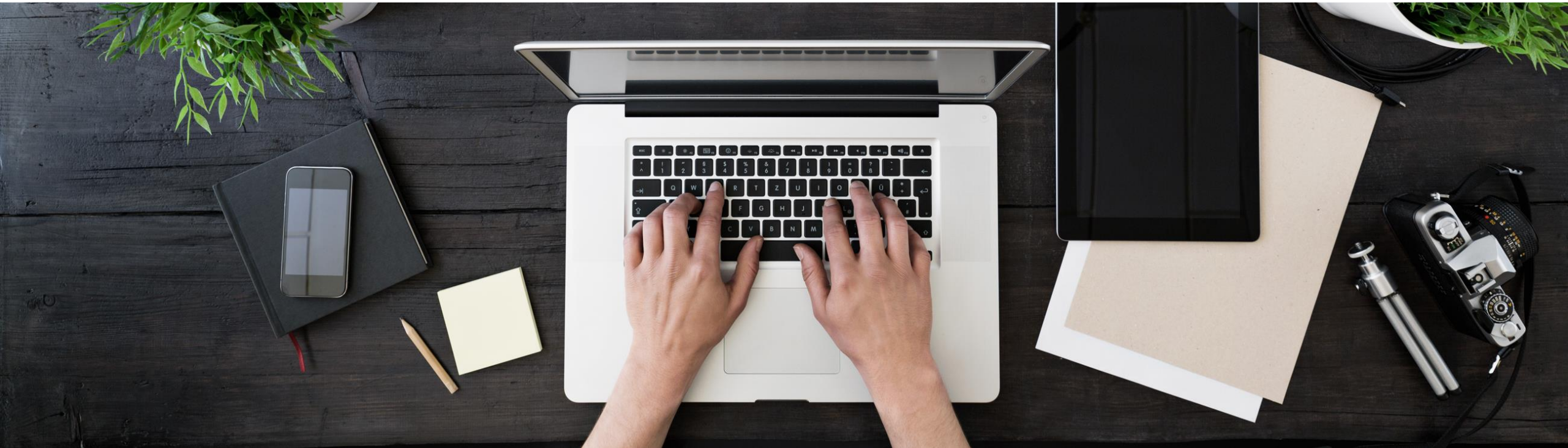
Administrating Authorizations

SAP Cloud Platform Cockpit – Security: Configure trust to IdP



Administrating Authorizations

Demo



Administrating Authorizations

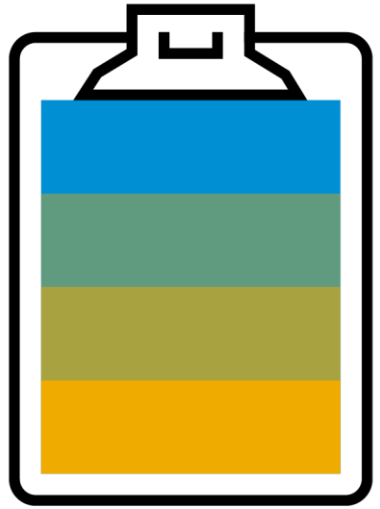
Exercise 24 Part 2

[Exercise 24 Part 2: Administrate Authorizations]

Administrating Authorizations

Recommendations for production applications

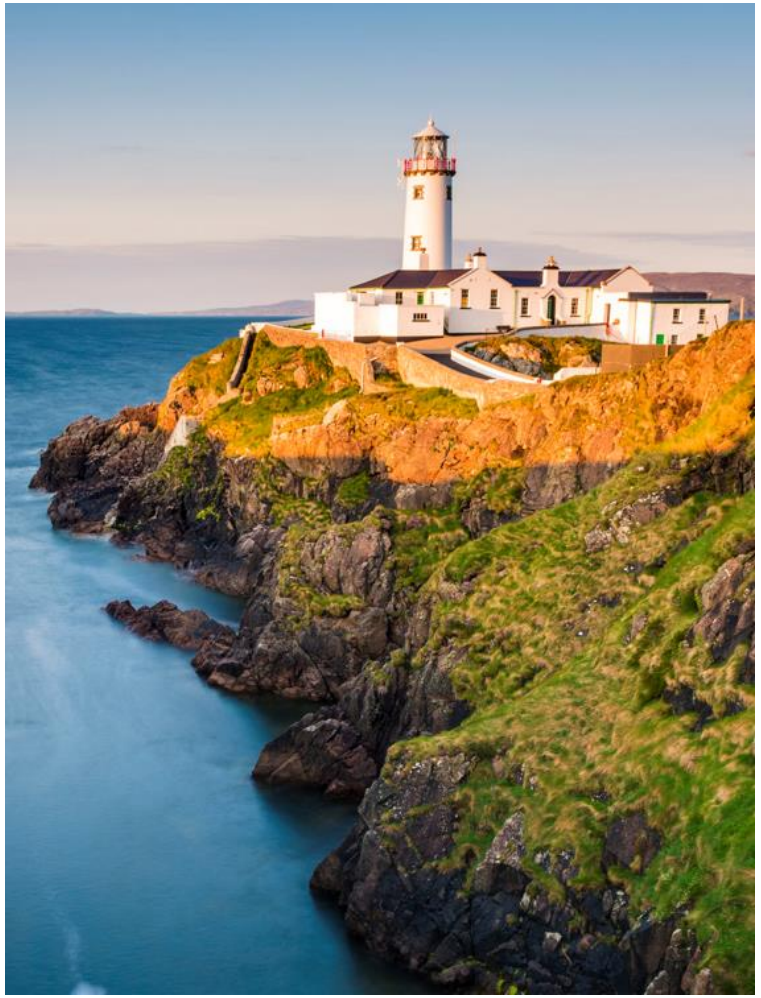
- Ensure that the Java Web Token (JWT) is provided by the request
- Define scopes for generic authorization checks in xs-app.json
- Define scopes for domain authorization checks in xs-security.json
- Support logout functionality in your UIs
- Implement tests that automatically ensure that application endpoints are protected against unauthorized access
- **NEVER** trace Java Web Tokens (JWTs)



Administrating Authorizations

What you've learned in this unit

- How the data model of authentication and authorization looks like
- How to use the SAP Cloud Platform cockpit to
  - Create role collections
  - Assign roles to role collections
  - Assign role collections to users
  - Configure trust to an IdP
- What the recommendations for productive applications are



Thank you.

Contact information:

open@sap.com