

C_GRCAC: SAP Security and GRC Access Control

Secure SAP systems with sound roles and manage access risk with SAP GRC Access Control.

DURATION

5 days · 40 hours

LEVEL

Advanced

CURRICULUM

16 modules · 11 labs

DELIVERY

Live online, Onsite,
Corporate

Course overview

Every SAP landscape depends on well-designed authorisations, and auditors expect organisations to prove that segregation-of-duties risks are identified, mitigated and reviewed. SAP GRC Access Control is the tool many companies use to do that. This five-day course combines core SAP security with GRC Access Control so you understand both the roles and the governance around them.

Days one and two cover the SAP authorisation concept: users and user types, authorisation objects and fields, single, composite and derived roles in PFCG, SU24 default values, troubleshooting with SU53 and authorisation traces, and Fiori security basics including catalogues, groups and spaces.

Day three introduces GRC Access Control architecture and Access Risk Analysis: rule sets, functions, risks, segregation-of-duties and critical access rules, risk analysis at user and role level, and mitigating controls.

Day four covers Access Request Management, including request types, provisioning and multi-stage, multi-path (MSMP) workflow design. Day five covers Emergency Access Management with firefighter IDs and log reviews, Business Role Management, User Access Review, and an exam readiness session.

This course is aligned to the SAP Certified Associate exam for SAP GRC Access Control (base code C_GRCAC). Ace Skills is not an SAP partner and does not use official SAP courseware. SAP release-suffixes and periodically renews its exams, so confirm the current code on SAP Learning before booking.

Highlights

- 40 hours of live, trainer-led sessions
- PFCG role design and authorisation troubleshooting
- Access Risk Analysis and SoD rule sets
- Access requests with MSMP workflow
- Emergency Access Management and access reviews
- Practice questions with review

What's included

- Role design and authorisation troubleshooting labs where system access allows
- SoD rule set design workshop
- MSMP workflow design exercise
- Firefighter access and log review scenarios
- Audit-ready access review walkthrough
- Course completion certificate from Ace Skills Consulting
- Post-training doubt support

Who this course is for

Who should attend

- SAP security and authorisation consultants
- SAP Basis administrators handling user and role administration
- GRC and compliance analysts
- IT and internal auditors reviewing SAP access
- SAP functional consultants moving into security

Prerequisites

- Basic navigation in an SAP system
- Understanding of business processes such as procure-to-pay or order-to-cash
- Awareness of internal controls and audit concepts is helpful

Detailed curriculum — 5 days, 40 hours, 16 modules, 11 hands-on labs

Day 1 SAP Authorisation Concept and Users

8 hours

1.1 Security foundations

- Why SAP security matters
- The SAP authorisation concept
- Security in S/4HANA landscapes
- Authentication versus authorisation
- Least privilege and segregation of duties

1.2 User administration

- User types and their uses
- Mass maintenance with SU10
- Password and logon parameters
- Creating and maintaining users in SU01
- Central User Administration overview

LAB Create and maintain users of different types · 40 min

1.3 Authorisation objects

- Object classes, objects and fields
- Authorisation checks in transactions
- Reading the authorisation profile
- Activities and organisational levels
- Key transaction and table objects

LAB Inspect authorisation objects behind a transaction · 40 min

Day 2 Roles, Troubleshooting and Fiori Security

8 hours

2.1 Role design in PFCG

- Single, composite and derived roles
- Organisational levels and derivation
- Role transport
- Menus and authorisation data
- Role naming and design standards

LAB Build a master role and derive roles by company code · 60 min

2.2 SU24 and troubleshooting

- SU24 proposal values
- Authorisation trace with STAUTHTRACE
- Common troubleshooting patterns
- Missing authorisation analysis with SU53
- System trace overview

LAB Diagnose and fix a missing authorisation · 45 min

2.3 Fiori security basics

- Fiori architecture and front-end server
- Back-end OData service authorisations
- Catalogues, groups and spaces
- Mapping Fiori apps to roles

LAB Assign a Fiori catalogue and back-end authorisations to a role · 40 min

Day 3 GRC Access Control Architecture and Access Risk Analysis

8 hours

3.1 GRC Access Control overview

- Components of SAP GRC Access Control
- Integration framework and configuration overview
- NWBC and launchpad access
- Architecture and connectors
- Master data: owners, business processes and organisations

3.2 Rule sets and SoD

- Rule set structure: functions, actions and permissions
- Segregation-of-duties and critical access rules
- Rule set maintenance good practice
- Risks and risk levels
- Rule generation

LAB Design an SoD risk for a procure-to-pay conflict · 50 min

3.3 Access Risk Analysis

- User, role and profile level analysis
- Mitigating controls and controllers
- Risk reporting and dashboards
- Simulation before assignment
- Remediation approaches

LAB Run risk analysis and apply a mitigating control · 45 min

Day 4 Access Request Management and MSMP Workflow

8 hours

4.1 Access Request Management

- Request types and access request forms
- Role assignment and provisioning
- Request audit trail
- Self-service and manager requests
- Risk analysis within requests

LAB Submit and approve an access request with risk analysis · 45 min

4.2 MSMP workflow

- Multi-stage, multi-path concepts
- Agents and routing rules
- Escalations and notifications
- Processes, stages and paths
- BRFplus rules overview

LAB Configure a two-stage approval path · 55 min

4.3 Provisioning and user data

- Provisioning settings
- Password self-service overview
- User data sources
- Background jobs and synchronisation

Day 5 Emergency Access, Role Management, Reviews and Exam Readiness

8 hours

5.1 Emergency Access Management

- Firefighter IDs, owners and controllers
- Firefighter logs and review workflow
- Centralised and decentralised firefighting
- Reason codes and audit evidence

LAB Use a firefighter ID and review the activity log · 40 min

5.2 Business Role Management

- Role methodology and phases
- Risk analysis during role design
- Role definition and maintenance
- Role approval and generation

5.3 User Access Review

- Periodic review concepts
- Reviewer actions and removal of access
- Reporting for auditors
- Review request generation
- SoD review overview

LAB Complete a user access review cycle · 35 min

5.4 Exam readiness

- Exam topic review
- Practice questions with review
- Question styles

Skills and tools

Skills you will build

SAP security

Authorisation concept

User administration

PFCG role design

Derived roles

SU24

SU53 troubleshooting

Fiori security

GRC Access Control

Access Risk Analysis

Segregation of duties

Mitigating controls

MSMP workflow

Emergency Access Management

Business Role Management

User Access Review

Tools used in class

SAP S/4HANA

PFCG

SU01 / SU24 / SU53

STAUTHTRACE

SAP GRC Access Control

SAP Fiori launchpad

Certification exam

This course is aligned to the exam below and prepares you for it. The exam itself is booked and taken with the vendor.

Exam	SAP Certified Associate – SAP GRC Access Control
Exam code	C_GRCAC
Official page	https://learning.sap.com/certifications

Exam skill areas covered

SAP access control architecture and configuration

Access Request Management

Access Review Management

Access Risk Management

Emergency Access Management

Exam details are pending verification. Confirm the current exam code, format and fee on the official vendor page before booking.

Frequently asked questions

Which exam code should I book?

SAP adds a release suffix to the base code C_GRCAC and updates it periodically. Confirm the current code and topic list on SAP Learning before booking.

Is this an official SAP course?

No. It is an independent Ace Skills course aligned to the C_GRCAC exam topics.

Will I get system access for labs?

SAP and GRC systems are licensed, so access depends on the batch. Where system access is not available, labs use guided walkthroughs and trainer demonstrations.

Do I need SAP Basis knowledge?

No, though it helps. The course explains the user and role administration you need before moving into GRC.

Is the course useful for auditors?

Yes. Auditors gain a clear view of how SAP access is granted, how SoD risks are analysed and what evidence GRC produces.

Book a batch or talk to an advisor

Course page: aceskillsconsulting.com/course/c-grcac-sap-security-and-grc-access-control · Email: info@aceskillsconsulting.com

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