



Okta Course Content

OKTA MASTER COURSE (Admin +

Developer) Duration: 45 Days

Level: Beginner → Advanced

Mode: Practical + Real-Time Use Cases

MODULE 1: IAM FUNDAMENTALS

Topics Covered:

Introduction to Identity & Access Management (IAM)

Authentication vs Authorization

SSO (Single Sign-On)

Multi-Factor Authentication (MFA)

Federation Concepts

Identity Lifecycle Management

Real-Time Use Case:

Employee login system in a corporate environment

MODULE 2: OKTA INTRODUCTION & SETUP

Topics Covered:

What is Okta & its features

Okta architecture overview

Creating Okta Developer Account

Admin Console walkthrough

Okta dashboard & navigation

Hands-On:

Create your first Okta tenant

Explore Admin UI

MODULE 3: USER & DIRECTORY MANAGEMENT

Topics Covered:

- Users, Groups, and Roles
- Universal Directory (UD)
- Profile attributes & schema
- Group rules & automation
- LDAP & Active Directory integration

Hands-On:

- Create users & groups
- Import users from directory

Use Case:

- Department-based access control

MODULE 4: AUTHENTICATION & SECURITY POLICIES

Topics Covered:

- Sign-on policies
- Password policies
- MFA (Okta Verify, SMS, Email)
- Adaptive MFA
- Risk-based authentication

Hands-On:

- Configure MFA policies
- Test login flows

MODULE 5: APPLICATION INTEGRATION

Topics Covered:

- Adding applications in Okta
- SSO concepts
- SWA vs SAML vs OIDC
- App assignment to users/groups



Hands-On:

Integrate a sample application

MODULE 6: SAML DEEP DIVE

Topics Covered:

SAML architecture
SAML flow (IdP & SP initiated)
Assertions & attributes
SAML configuration in Okta

Hands-On:

Configure SAML-based SSO
Debug SAML issues

MODULE 7: OAUTH 2.0 & OIDC

Topics Covered:

OAuth 2.0 fundamentals
OpenID Connect (OIDC)
Grant types (Authorization Code, Implicit)
Access Token & ID Token

Hands-On:

Configure OIDC application
Test authentication flow

MODULE 8: LIFECYCLE & PROVISIONING

Topics Covered:

User lifecycle (Joiner-Mover-Leaver)
Provisioning & de-provisioning
SCIM provisioning
Import & sync users

Hands-On:

Automate user lifecycle

Use Case:

Auto-create employee accounts in applications

MODULE 9: API & AUTOMATION

Topics Covered:

- Okta API basics
- Authentication using API tokens
- Postman for API testing
- Automating user creation

Hands-On:

- Create users via API
 - Update user profiles
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MODULE 10: OKTA DEVELOPER FUNDAMENTALS

Topics Covered:

- Okta Developer Console
- Create OIDC apps Client ID & Secret Redirect URIs

Hands-On:

- Register an application
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MODULE 11: APPLICATION DEVELOPMENT WITH OKTA

Topics Covered:

- Login integration
- Hosted login vs embedded login
- Session management
- Secure authentication

Hands-On:

- Integrate Okta login into web app



MODULE 12: TOKEN MANAGEMENT & SECURITY

Topics Covered:

- JWT (JSON Web Tokens)
- Token validation
- Refresh tokens
- Secure API communication

Hands-On:

- Decode & validate tokens
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MODULE 13: OKTA SDK INTEGRATION

Topics Covered:

- Okta SDK (Python / Node.js)
- User authentication via code
- API integration

Hands-On:

- Build login functionality using code
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MODULE 14: ADVANCED SECURITY & IDENTITY

Topics Covered:

- Zero Trust Security
 - Identity Federation
 - Social login (Google, Facebook)
 - Device trust
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MODULE 15: TROUBLESHOOTING & LOGS

Topics Covered:

- Debugging SSO issues
- System logs in Okta
- Common errors & fixes



Hands-On:

Analyze logs and resolve issues

MODULE 16: REAL-TIME ARCHITECTURE

Topics Covered:

B2B vs B2C IAM architecture

Multi-tenant setup

High-level design

Use Case:

Enterprise IAM implementation

MODULE 17: CAPSTONE PROJECT

Project: Build a Complete IAM Solution using Okta Features:

SSO (SAML + OIDC)

MFA

User lifecycle automation

API integration

Role-based access

MODULE 18: INTERVIEW PREPARATION

Topics Covered:

50+ Interview Questions

Scenario-based questions

Resume building (IAM roles)

Mock interviews



SADIQ TECH SOLUTIONS



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COURSE OUTCOME

Students/Working Professionals will be able to:

Implement SSO using Okta

Configure MFA & security policies

Integrate Okta with applications

Develop secure authentication systems

Work as IAM Engineer / Okta Admin / Developer

"Job-Oriented Okta IAM Program"

- o Internship Certificate
- o Live Project
- o Placement Guidance

Next Steps

If you'd like to reserve your seat or need more information, feel free to reply to this message. I'll be happy to assist you with the enrollment process.

Looking forward to having you in the program!

Warm regards, Sadiq Tech Solutions
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