



Okta Education Services

WHO SHOULD ATTEND

- Implementation Consultant
- Advanced Security-Centric Administrator
- Security Engineer

PREREQUISITES

- Completed Okta Essentials or minimally have one year of Okta administration experience
- Networking, DNS, SSL experience
- Experience with legacy on-premises application authentication a plus, including:
 - Kerberos IWA
 - Header-based
 - EBS, PeopleSoft

FORMAT

- Instructor-led with hands-on labs
- Duration: 2 days
- Delivered through public class schedule or as a private event

SETUP REQUIREMENTS

- Students use their own computers.
- Okta provides access to an Okta tenant + virtual machines to complete the labs.

Questions? Contact
training@okta.com

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Implement Okta Access Gateway (OAG)

You use Okta to manage user access to your cloud applications, however you also want to implement modern security and single sign-on for your on-premises application environment. Using OAG, you can reduce your identity infrastructure by replacing your existing Web Access Management (WAM) or VPN solution to access your on-premises applications. Also leverage popular integration patterns to integrate complex on-premises applications without changing source code.

In this course, you will learn common use cases for OAG, installation requirements, best practices from the field, and troubleshooting techniques. You will get hands-on practice installing and configuring the virtual OAG appliance to an Okta org. You will then configure proxy access to different types of applications, such as header-based and Microsoft IWA.

LEARN HOW TO:

- Identify common use cases for Okta Access Gateway.
- Install and update OAG.
- Configure a sample header-based app.
- Configure a Kerberos app.
- Understand how to configure complex applications, like EBS.
- Set up SSL certificates and manage OAG security.
- Configure OAG for High Availability.
- Monitor and troubleshoot OAG.
- Configure OAG Data Stores.

Implement Okta Access Gateway



COURSE OUTLINE

1: Introduction to Okta Access Gateway

- Understand OAG use cases.
- Describe OAG functional capabilities.

2: Installation Planning

- Understand OAG packaging and installation requirements.
- Describe capacity planning and network requirements.

3: Initial OAG Configuration

- Install a new OAG appliance and test network connectivity.
- Configure passwords to administrator interfaces.

4: Configure the Okta Identity Provider

- Add the Okta Identity Provider (IdP).
- Test login to an OAG-based sample application.

5: Applications Overview

- Review prerequisites, including host resolution.
- Understand OAG SSO sessions.

6: Header-based Applications

- Look at DNS configuration.
- Configure an application with a template.
- Test IdP- and SP-initiated logins.

7: Kerberos Authentication

- Overview and identify requirements.
- Review of Microsoft constrained delegation.
- Configure Microsoft IIS application.

8: Complex Applications

- Describe EBS configuration.
- Understand PeopleSoft configuration.

9: Secure the Gateway

- Secure the web administration console.
- Configure SSL certificates.

10: High Availability

- Compare vertical and horizontal scaling.
- Configure an OAG cluster.

11: Data Stores

- Cover Data Store use cases.
- Configure SQL Data Store.

12: Monitoring and Troubleshooting

- Investigate OAG Logging and SNMP Monitoring.
- Troubleshoot common problems.

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ABOUT OKTA

Okta is the foundation for secure connections between people and technology. By harnessing the power of the cloud, Okta allows people to access applications on any device at any time, while still enforcing strong security protections. It integrates directly with an organization's existing directories and identity systems, as well as 4,000+ applications. Because Okta runs on an integrated platform, organizations can implement the service quickly at large scale and low total cost.

More than 2,000 customers, including Adobe, Allergan, Chiquita, LinkedIn, MGM Resorts International, and Western Union, trust Okta to help their organizations work faster, boost revenue, and stay secure.

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