

The Okta logo is rendered in a bold, lowercase, sans-serif font. The letters are a vibrant blue color. The 'o' is a simple circle, the 'k' has a vertical stem and a diagonal leg, the 't' has a vertical stem and a horizontal top bar, and the 'a' is a simple rounded shape. The logo is centered horizontally on the page.

okta

Administrator Exam

Study Guide

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Introduction

Congratulations on taking a step toward earning your Okta Certification!

This exam study guide is designed to help you prepare for the Okta Administrator exam. Passing this exam and the Okta Professional exam are both requirements for attaining Okta Certified Administrator certification. Detailed exam topics and available preparation resources are highlighted.

Candidate Description

Okta Certified Administrators are technically proficient at managing the Okta service. They have extensive knowledge about how Okta enables advanced User Lifecycle Management scenarios involving mobile devices, security policy frameworks, supported SSO options, and advanced directory integration for cloud and on premise access. Administrators use the Okta Policy framework to control user access, understand how to map identity attributes and data transformations using Universal Directory, and troubleshoot issues.

The Okta Certified Administrator credential is earned by candidates who pass **both** the Okta Administrator exam and the Okta Professional exam. They may be scheduled and taken in any order. It is minimally recommended that this candidate has:

- 2+ years experience in a technical role, working in security and/or identity management
- 1+ years of on-the-job experience working with the Okta service
- Successfully completed Okta Essentials or equivalent training

While roles within different organization may vary, candidates are generally involved in administering IT strategy in support of an Okta solution. They may be System Administrators, Technical Project Managers, Technical Project Owners or Identity Leaders.

About the Exam

Exam Format

Format: 60 Discrete Option Multiple Choice (DOMC) questions

Time allotted: 90 minutes

Exam Fee: USD \$150. Same fee applies to retakes

Prerequisites: Professional Exam. Recommended training and resources listed below.

- Once a question is answered, you will not be able to go back and modify your response.
- Upon completion, you will be notified if you Passed or Failed the exam. No score is given.
- No Reference Materials are allowed during testing
- Some exam forms may contain ungraded questions that are being evaluated. While the examinee may be presented with more questions, only 60 questions count towards the score.

Understanding DOMC Question Types

This exam uses **Discrete Option Multiple Choice** (DOMC) items. This item type is a powerful measurement tool, which produces test scores that can be counted on. It does so by removing several “contaminants” that affect test outcomes but are unrelated to the knowledge and skills being tested. The DOMC levels the playing field, more fairly measuring candidate skills by improving:

Readability. Because examinees are required to read less, the exam tends to take less time and places fewer demands on the slow reader or the non-native speaker.

Fairness. When savvy test takers are unsure of an answer, they look for clues by comparing options or gleaning information from other questions in an exam. DOMC removes this test taking advantage and serves as a powerful method to assess actual examinee knowledge.

Security. Instead of showing all options at the same time, options are randomly presented one at a time. For each presented option, examinees click YES or NO indicating whether they think the option is correct. Examinees do not see the same options and in most instances do NOT see all available options. Limiting item exposure makes it difficult to steal the exam and minimizes the security risks that cheating can introduce to a certification program.

Scoring

Test takers can rest assured that the new item type is scored fairly and with precision.

- If a test taker is presented with a correct option, and responds YES, then that response is scored as “correct”.
Items may require 1 or more of these correct responses for the item to be completed and to be considered as answered correctly. Typically, however, only one correct response is required.
- If a test taker is presented with a correct option, and responds NO, then that response is scored as “incorrect”.
- If a test taker is presented with an incorrect option, and responds YES, then that response is scored as “incorrect”.
- If a test taker is presented with an incorrect option, and the response is NO (technically, a correct response), scoring of the item is postponed, and another option is presented.
- At times, a correct or incorrect option may be presented but the test taker’s response will not be scored at all. This is done to breakup any feedback response that might give a clue as to the correctness or incorrectness of a response.

The DOMC format may require test takers to make some adjustments to their test-taking approach. The reward of such effort is confidence that those examinees who are certified are truly competent in the area tested and will represent excellence in the field.

To learn more about DOMC questions, visit <http://trydomc.com/home>. In addition, the [Okta Administrator Practice quiz](#) will help you become accustomed to the new test format.

Exam Scheduling

Certification exams are administered and proctored by Examity®. Okta has partnered with Examity®, a secure online proctoring service, to protect the integrity of its certification exams in the market. Online proctoring means that exams can be taken from most any location at a time that is convenient for you, without travel to a test center. Exams must be scheduled at least 24 hours in advance of the time you wish to sit for the test.

Preparing for the Exam

A combination of instructor led training courses, self-paced learning, self-study on the Okta Help Center, and on-the-job experience will prepare the examinee to take the exam.

Training

Okta Training offers a range of classes and materials that will help prepare you for the certification exam. While training alone does not guarantee certification, we strongly recommend that candidates take the following courses in preparation for the exam:

- [Okta Essentials \(Instructor-led Training Lab\)](#)
- [Okta Mobile Setup and Administration \(Self-paced\)](#)

Additionally, the Okta Basics self-paced training courses can be accessed from the following link: <http://okta.litmos.com/online-courses>

- Admin 1: Set Up People and Manage Directories – Self-paced
- Admin 2: Manage SSO and Provisioning – Self-paced
- Admin 3: Implement MFA – Self-paced
- Universal Directory – Self-paced

Visit okta.com/training for the complete course catalog.

Resources

- The [Okta Help Center](#) contains a knowledge library of articles and videos pertinent to topics covered on the exam.
- The [Okta Content Library](#) offers searchable white papers with a rich body of information to explore before your exam.
- Join the [Okta Community](#) to review Questions, Discussions, Ideas, and Blogs for additional exam preparation.

Administrator Exam Subject Areas

The exam blueprint identifies the minimum topics and skills Okta expects a qualified certification candidate to possess, and the extent to which they are represented in the exam. Use this outline to guide your study and validate your readiness for the Administrator Exam.

Identity & Access Management	37%
Advanced Directory Integration	
<ul style="list-style-type: none"> ✓ Import and manage users coming from Active Directory, LDAP or stored directly Okta. ✓ Manage delegated authentication with Active Directory and LDAP using Okta agents. ✓ Describe Okta Active Directory and LDAP agent architecture and best practices. ✓ Explain how Okta can integrate with multiple directories. ✓ Manage Okta agent service account and permissions. 	<p>Reference Links:</p> <ul style="list-style-type: none"> – https://support.okta.com/help/articles/Knowledge_Article/29718717-Configuring-Your-Authentication-Settings – https://support.okta.com/help/articles/Knowledge_Article/28774118-Installing-and-Configuring-the-Active-Directory-Agent – https://support.okta.com/help/articles/Knowledge_Article/87604166-LDAP-Agent-Deployment-Guide – https://www.okta.com/products/universal-directory/ – https://support.okta.com/help/articles/Knowledge_Article/29718717-Configuring-Your-Authentication-Settings?fs=RelatedArticle&l=en_US – https://www.okta.com/file/12186/download/?token=Bm2dhxCw – https://support.okta.com/help/articles/Knowledge_Article/92113353-Importing-and-Using-Groups-in-Okta – https://support.okta.com/help/Documentation/Knowledge_Article/Install-and-configure-the-Password-Sync-Agent-1690562669 – https://support.okta.com/help/articles/Knowledge_Article/Google-Apps-Deployment-Guide
Single Sign-On (SSO) Federation	
<ul style="list-style-type: none"> ✓ Explain how to use the Application Integration Wizard to configure non-OAN SAML application. ✓ Explain inbound SAML and its features. ✓ Explain metadata needed for WS-FED communications. ✓ Explain how to set up a WS-FED template application. 	<p>Reference Links:</p> <ul style="list-style-type: none"> – http://developer.okta.com/docs/guides/saml_guidance – http://docs.oasis-open.org/security/saml/v2.0/saml-core-2.0-os.pdf – https://support.okta.com/help/articles/Knowledge_Article/Using-the-App-Integration-Wizard – https://support.okta.com/help/articles/Knowledge_Article/40561903-Configuring-Inbound-SAML – http://developer.okta.com/docs/api/resources/social_authentication – https://support.okta.com/help/articles/Knowledge_Article/29510977-Configuring-

<ul style="list-style-type: none"> ✓ Explain Secure Web Authentication (SWA) technology and how it works. ✓ Deploy the Secure Web Authentication (SWA) plugin and configure related options. ✓ Identify an Okta Application Network (OAN) app versus a non-OAN app. ✓ Manage the requirements needed to setup a Okta Application Network (OAN) app. 	<p>the-Okta-Template-WS-Federation-Application</p> <ul style="list-style-type: none"> – https://support.okta.com/help/articles/Knowledge_Article/27598176-About-the-Browser-Plugin – https://support.okta.com/help/articles/Knowledge_Article/27838096-Okta-Terminology – https://support.okta.com/help/articles/Knowledge_Article/105240206-Plug-in-Prompting-Users-for-Install – https://support.okta.com/help/articles/Knowledge_Article/Using-the-App-Integration-Wizard – https://support.okta.com/help/articles/Knowledge_Article/75530973-Getting-Started-Guide-Okta-Application-Network
Desktop SSO deployment	
<ul style="list-style-type: none"> ✓ Explain how to deploy and troubleshoot Okta desktop Single Sign-On (SSO). ✓ Identify IIS requirements. ✓ Distinguish between user experiences when on-network and off-network. ✓ Explain browser specific configuration requirements. ✓ Explain the value of desktop Single Sign-On (SSO), how it is used, and limitations. 	<p>Reference Links:</p> <ul style="list-style-type: none"> – https://support.okta.com/help/Documentation/Knowledge_Article/Overview-of-Managing-Apps-and-SSO-1573170842 – https://support.okta.com/help/Documentation/Knowledge_Article/Install-and-configure-the-Okta-IWAWeb-App-for-Desktop-SSO-291155157
Hybrid SaaS strategies and challenges	
<ul style="list-style-type: none"> ✓ Explain how Okta can integrate with both cloud and on- premises applications. ✓ Explain how on-premises provisioning works, when and how it's used. 	<p>Reference Links:</p> <ul style="list-style-type: none"> – https://support.okta.com/help/articles/Knowledge_Article/Using-the-App-Integration-Wizard#SAMLWizard – https://support.okta.com/help/articles/Knowledge_Article/87948606-About-On-Premises-Provisioning
Okta Mobile Device Life Cycle Automation	
<ul style="list-style-type: none"> ✓ Configure features and functions of Okta Mobile. ✓ Explain how Okta Mobile works and how it supports a simple mobile SSO strategy. ✓ Manage an existing Okta Mobility Management (OMM) deployment. 	<p>Reference Links:</p> <ul style="list-style-type: none"> – https://support.okta.com/help/articles/Knowledge_Article/91154496-Configuring-Okta-Mobility-Management – https://support.okta.com/help/articles/Knowledge_Article/Okta-Mobility-Management-Features-Matrix – https://support.okta.com/help/Documentation/Knowledge_Article/Okta-Mobile-

	<p>534735783</p> <ul style="list-style-type: none"> – https://support.okta.com/help/articles/Knowledge_Article/Okta-Extension-for-iOS – https://support.okta.com/help/articles/Knowledge_Article/Renewing-Apple-Push-Notification-Service-Certificates
User Lifecycle Management	36.5%
Profiles, mastering, and write-back concepts	
<ul style="list-style-type: none"> ✓ Describe and configure Okta user profiles, application profiles, and directory profiles. ✓ Describe and create custom attributes. ✓ Explain the concepts of profile mastering within Okta and the value it provides. ✓ Explain the value of writing data back to an on premises directory from Okta. ✓ Explain how attributes & login experience are affected if a user exists in multiple directories. ✓ Explain the requirements of a downstream app and the how to write to it. 	<p>Reference Links:</p> <ul style="list-style-type: none"> – https://support.okta.com/help/Documentation/Knowledge_Article/Setting-up-Attribute-Level-Mastering-1790609939 – https://support.okta.com/help/articles/Knowledge_Article/Workday-Real-Time-Sync-Setup-Guide – https://support.okta.com/help/articles/Knowledge_Article/Provisioning-Concepts-and-Methods – https://support.okta.com/help/Documentation/Knowledge_Article/Using-Universal-Directory-1147421734 – https://support.okta.com/help/Documentation/Knowledge_Article/Universal-Directory-and-Provisioning-Knowledge-Hub – https://support.okta.com/help/articles/Knowledge_Article/Importing-Users-From-a-CSV-File – http://developer.okta.com/docs/api/getting_started/okta_expression_lang
Managing identities using Universal Directory	
<ul style="list-style-type: none"> ✓ Map attributes from a source to a target using the Profile Editor. ✓ Describe how to use the Okta Expression Language to transform data. ✓ Explain how attributes can be mastered at the profile and attribute levels. ✓ Explain how deactivating a user impacts other events. 	<p>Reference Links:</p> <ul style="list-style-type: none"> – https://support.okta.com/help/articles/Knowledge_Article/Provisioning-Integrations-that-support-Profile-Mappings – https://support.okta.com/help/Documentation/Knowledge_Article/Using-Universal-Directory-1147421734 – https://support.okta.com/help/Documentation/Knowledge_Article/Universal-Directory-and-Provisioning-Knowledge-Hub – http://developer.okta.com/docs/api/getting_started/okta_expression_lang.html – https://support.okta.com/help/Documentation/Knowledge_Article/Setting-up-Attribute-Level-Mastering-1790609939 – https://support.okta.com/help/Documentation/Knowledge_Article/Manage-people-1860061112 – https://support.okta.com/help/articles/Knowledge_Article/Managing-Enrolled-Devices?q=okta+mobility+management&l=en_US&fs=RelatedArticle#Deprovisioning

Provisioning	
<ul style="list-style-type: none"> ✓ Explain the different ways that handles Okta user life-cycle management for apps. ✓ Set up a typical OAN app for life-cycle management provisioning. ✓ Explain how Okta does life-cycle management with directories. ✓ Explain the typical flow of user registration/onboarding, updates, and de-provisioning. ✓ Explain how Okta pushes groups to apps. ✓ Describe the on-premises provisioning solution and scenarios. ✓ Describe capabilities of Orchestration Groups, Access Request Workflows, and Audit Reporting and their scenarios. 	<p>Reference Links:</p> <ul style="list-style-type: none"> – https://support.okta.com/help/articles/Knowledge_Article/Provisioning-Concepts-and-Methods – https://support.okta.com/help/articles/Knowledge_Article/28774118-Installing-and-Configuring-the-Active-Directory-Agent – https://support.okta.com/help/Documentation/Knowledge_Article/Workday-Real-Time-Sync-Setup-Guide – https://support.okta.com/help/articles/Knowledge_Article/46749316-On-Premises-Provisioning-Deployment-Guide – https://support.okta.com/help/Documentation/Knowledge_Article/About-Groups-1011356157
Self-Service	
<ul style="list-style-type: none"> ✓ Describe end user self-service capabilities and how they are used. ✓ Manage and use self-service password reset, account unlock, and multifactor authentication (MFA) enrollment/reset. ✓ Distinguish between self-service password reset with Active Directory mastered users vs Okta mastered users. ✓ Identify solutions used in assisting users with self-service. 	<p>Reference Links:</p> <ul style="list-style-type: none"> – https://support.okta.com/help/articles/Knowledge_Article/End-User-Adoption-Toolkit – https://support.okta.com/help/articles/Knowledge_Article/27315047-Configuring-Multifactor-Authentication#UsingOktaVerify – https://support.okta.com/help/Documentation/Knowledge_Article/End-User-Password-Reset-175671218 – https://support.okta.com/help/articles/Knowledge_Article/End-User-FAQ – https://support.okta.com/help/Documentation/Knowledge_Article/Email-and-SMS-Options-1077615107 – https://support.okta.com/help/articles/Knowledge_Article/Okta-Production-Release-2016-20 – https://support.okta.com/help/Documentation/Knowledge_Article/Manage-people-1860061112 – https://support.okta.com/help/Documentation/Knowledge_Article/Settings-858666862

Security	13.5%
Okta Security Policy and Enforcement Framework	
<ul style="list-style-type: none"> ✓ Manage User Authentication flows. ✓ Manage VPN-based access. ✓ Manage multifactor authentication (MFA) for the organization and network boundaries. ✓ Explain the policy framework common interface for implementing all policies. ✓ Manage the Okta Sign-on policy and password policies. ✓ Manage the Okta Mobility Management(OMM) / WIFI policy. 	<p>Reference Links:</p> <ul style="list-style-type: none"> – https://support.okta.com/help/Documentation/Knowledge_Article/Install-the-Okta-RADIUS-agent-1160955325 – https://support.okta.com/help/Documentation/Knowledge_Article/Configure-WiFi-Profiles-1647467029 – https://support.okta.com/help/articles/Knowledge_Article/Using-the-Multifactor-Page?id=kA0F000000U57i&q=using+the+multifactor+page&l=en_US&fs=Search&pn=1
Admin Access Control	
<ul style="list-style-type: none"> ✓ Provide access to different delegation admin roles. ✓ Explain all the admin roles and how they can be combined. ✓ Differentiate admin roles based on the skills. 	<p>Reference Links:</p> <ul style="list-style-type: none"> – https://support.okta.com/help/articles/Knowledge_Article/99850906-Administrator-Roles
API Functions and Troubleshooting	13%
Logging and Reporting	
<ul style="list-style-type: none"> ✓ Interpret Okta logging resources. ✓ Explain the logging options available for in depth troubleshooting, security, and auditing. ✓ Identify where logs are located based on the operating system. ✓ Run and interpret system logs. 	<p>Reference Links:</p> <ul style="list-style-type: none"> – https://support.okta.com/help/articles/Knowledge_Article/27605453-Using-the-Okta-Reports-Page – https://en.wikipedia.org/wiki/SAML_2.0#SP_POST_Request.3B_IdP_POST_Response
API Extended Functions	
<ul style="list-style-type: none"> ✓ Explain how to create API tokens with the correct permissions. ✓ Review Okta logs to understand the token status. ✓ Explain of the importance of API Rate limiting. 	<p>Reference Links:</p> <ul style="list-style-type: none"> – https://support.okta.com/help/articles/Knowledge_Article/259126533-API-Tokens – https://support.okta.com/help/articles/Knowledge_Article/99850906-Administrator-Roles – https://support.okta.com/help/articles/Knowledge_Article/API-Rate-Limiting

Sample Questions

Know what to expect. Take the Okta Certified Administrator practice exam to try actual test questions and familiarize yourself with DOMC. Click the box below to try it now!

[Administrator Practice Exam](#)