

# Red Hat Single Sign-On Administration

Course code: D0313

Red Hat Single Sign-On Administration (D0313) is designed for system administrators who want to install, configure and manage Red Hat Single Sign-On servers for securing applications. Learn about the different ways to authenticate and authorize applications using single sign-on standards like OAuth and OpenID Connect (OIDC). You will also learn how to install and configure Red Hat Single Sign-On on the OpenShift Container Platform. This course is based on Red Hat Single Sign-On version 7.6

## Who is the course for

- System Administrators responsible for administering Red Hat Single Sign-On servers.

## What we teach you

- Installing Red Hat Single Sign-On on virtual machines and on OpenShift Container Platform
- Authenticating and authorizing applications using OAuth and OIDC
- Configuring Identity Brokering and user identity federation from external systems
- Configuring password policies

## Required skills

- Take our
- free assessment
- to gauge whether this offering is the best fit for your skills.
- Red Hat JBoss Application Administration I
- is recommended but not required
- Experience with writing web based applications using Node.js, HTML5, Quarkus, or Java EE/Jakarta EE is recommended but not required.

## Course outline

### Introduce Red Hat Single Sign-On

Identify the main components of Red Hat Single Sign-On

### Install and Configure Red Hat Single Sign-On

Identify the best option for installing and configuring RHSSO depending on the infrastructure

### Authentication and Authorization

Configure authentication and authorization for applications

### Identity Brokering and User Federation

Configure RHSSO to secure applications from multiple identity providers by using user federation and social logins

### Red Hat Single Sign-On on OpenShift

Install and configure Red Hat Single Sign-On on OpenShift

## What you need to know

### Impact on the organization

This course is intended to develop the skills needed to configure authentication and authorization for applications using single sign-on standards like OIDC and OAuth, resulting in improved security and simplified authentication and authorization.

### Impact of the individual

As a result of attending this course, students will understand how to use Red Hat Single Sign-On to configure, manage, and troubleshoot authentication and authorization security policies for business-critical applications.

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Students will learn how to install, configure and manage an instance of Red Hat Single Sign-On on bare metal, virtual machines and OpenShift, and configure authentication and authorization security policies for applications.

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