

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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