

ForgeRock® Identity Gateway Essentials (On Demand)

Code: IG-100-OD

URL: [View Online](#)

This course provides a high-level overview of ForgeRock® Identity Gateway (IG) so you can get started with the fundamentals of IG.

Skills Gained

Upon completion of this course, you should be able to:

- Describe the core mechanisms of IG
- Describe IG Studio
- Describe how IG protects applications with authentication
- Describe how IG controls access to applications with authorization
- Understand the role of IG when protecting REST APIs
- Understand the role of IG when protecting microservices

Who Can Benefit

The following are the target audiences for this course:

- Evaluators
- System Integrators
- System Consultants
- System Architects
- System Administrators

Course Details

Module 1: Introducing IG Core Concepts

Explain at a high level the core concepts around how IG works:

- Introduce IG core concepts
- Explain how IG functions as a reverse proxy
- Describe IG routes and conditions
- Explain the role of IG filters
- Explain the role of IG handlers

- Demonstrate IG core concepts

Module 2: Presenting IG Studio

Present the IG Freeform Designer:

- Introduce IG Studio
- Demonstrate the IG Freeform Designer

Module 3: Protecting a Web Application with IG Authentication

Describe the use cases and IG tools used to implement authentication for a web application integrated with IG:

- Introduce IG authentication
- Explain how to integrate a legacy application
- Describe the AM service
- Describe how to protect a web application with AM
- Describe authentication with federated identity providers
- Demonstrate how to provide authentication to web applications using IG

Module 4: Protecting a Web Application with IG Authorization

Describe the use cases and IG tools used to implement access control for a web application integrated with IG:

- Introduce IG authorization
- Control access with IG
- Demonstrate how to control and extend access

Module 5: Protecting REST APIs

Describe the use cases and IG tools used to protect REST APIs:

- Introduce API security
- Describe how IG can control access to REST APIs
- Explain throttling
- Present enhanced API security

Module 6: Protecting Microservices

Describe the IG tools used to protect microservices.:

- Introduce microservices security
- Deploy IG as a microgateway
- Present Token Validation Microservices
- Demonstrate token swapping in the microgateway context

