

# Oracle Web Services Manager 11g: Essentials

## Web Services Security Concepts

- Describe message-level security
- Describe WLS WS-Security features
- Use WLS default WS-Policy files with annotations to enforce security
- List the steps of configuring a message-level security
- Describe how WS-Security and SAML work together to secure web services

## Oracle Web Services Manager 11g: Concepts and Features

- Oracle Web Services Manager 11g policy framework
- Components of Oracle Web Services Manager 11g
- Introducing policies
- About Policy interceptor pipeline and Policy assertions
- Introducing security policies
- Securing SOA components and identity propagation (concepts)
- Managing SOA composite application policies (concepts)

## Managing Policies and Configurations

- Overview of Web services policy management
- Viewing the available Web services policies
- Categorizing different policy types in OWSM 11g
- Creating Web services policies
- Working with assertions
- Versioning Web service policies
- Exporting Web services policies
- Managing policy assertion templates

## Creating Custom Assertions

- Need for custom assertion
- Overview of creating custom assertion
- Creating a sample custom assertion
- Testing the custom assertion

## Testing and Monitoring Web Services

- Testing Web services
- About Web services performance monitoring
- Viewing Web service statistics
- Viewing endpoint-specific operations statistics

- Analyzing policy usage
- Viewing policy security violations for an endpoint