
Oracle Access Manager 11g R2 Advanced Administration Workshop Ed 2

This Oracle Access Manager 11g R2: Administration Workshop training is designed for administrators. Once you're comfortable with installing, configuring, managing, troubleshooting, diagnosing and basic administration of Oracle Access Manager 11 g R2, expert Oracle University instructors will teach you more advanced administration topics in this course.

Objectives

- Configure the adaptive authentication service to offer two-factor authentication
- Configure the OAM domain for a highly available deployment
- Enable Windows Native Authentication (WNA) with OAM using a multi-domain Active Directory deployment architecture
- Integrate Oracle Adaptive Access Manager (OAAM) with OAM for complex authentication capabilities
- Monitor and tune the performance of OAM components
- Horizontal migration of the OAM domain from test to production (t2p deployment)
- Configure mobile services with OAM
- Switch from OAM 11g R1 (11.1.1.7) to OAM 11g R2 (11.1.2.3)

Topics

- Upgrade OAM 11g R1 to OAM 11g R2
 - Review policy configuration in the R1 OAM domain
 - Upgrade from OAM 11g R1 PS6 to OAM 11g R2 PS3
 - Validate policies and operations post-upgrade
- Move OAM domain from test to production environment
 - Copy the binaries from the test machine.
 - Create the archive of the Oracle Weblogic Server domain configuration, the OHS instance configuration, and the OAM policy data on the test machine
 - Create the OAM product metadata repository on the production machine
 - Import the metadata and OAM policy data in the production database
 - Configure the OAM Domain by using the configuration that you copied from the test machine
 - Configure the OHS instance on the production machine using the configuration that you copied from the test machine
- Configure High Availability for OAM domain
 - Create OAM Cluster
 - Add the existing OAM Server to the cluster and target applications and data sources to the cluster
 - Create a second Oracle Access Manager server instance
 - Instantiate the second OAM Server in the cluster

- Set request cache type
- Create a new OHS Instance as load-balancer for Oracle Access Manager server instances
- Modify and reconfigure the definition for Oracle Access Manager 11g WebGate
- Test HA deployment
- Enable Windows Native Authentication (WNA) with OAM using multi-domain Active Directory (AD) deployment architecture
 - Study the multi-domain AD configuration with transitive trust relationship
 - Create OAM system accounts in AD
 - Create keytab file and modify krb5.conf files
 - Configure parameter values for the custom authentication module for the Kerberos Plug-in
 - Modify the authentication scheme and protected application domain to use the Kerberos plug-in
 - Set custom logging to troubleshoot any WNA Kerberos Issues
 - Test WNA for users on both AD domains
- Integrate Oracle Adaptive Access Manager (OAAM) with OAM for strong authentication capabilities
 - Extend OAM domain to configure OAAM
 - Register the OAAM Server as a Partner Application with OAM
 - Validate the TAPScheme Definition in Oracle Access Manager
 - Run setupOAMTapIntegration.sh to configure OAM for TAP integration.
 - Protect a Resource with the TAP Scheme
 - Set Up One Time Pin (OTP)
 - Configure OTP challenge for step-up authentication usecase
 - Validate Strong authentication capabilities of OAAM
- Setup Oracle Mobile service with OAM
 - Configure OAM domain for Mobile Support
 - Enable Adaptive Authentication Service
 - Perform OTP using the Oracle Mobile Authenticator
 - Create mobile application profile entry
 - Create pre and post authentication rules
- Configure OAM for Federated Login using SAML
 - Extend OAM for federation support
 - Configure the identity provider
 - Configure the service provider
 - Configure policy for federated login
 - Test login to service provider using SAML assertion
- Monitor and Tune Performance for OAM
 - Use performance monitoring tools: DMS Spy, Enterprise Manager, and JConsole
 - Monitor and tune performance for JVM, OAM, Coherence, OUD and WLS data sources
 - Configure testing tool to simulate a workload for the environment