

# ORACLE SINGLE SIGN-ON

## KEY FEATURES AND BENEFITS

### ORACLE SINGLE SIGN-ON

- Provides authentication services to Oracle only environments.
- Supports flexible authentication methods including multilevel authentication and windows native authentication
- Supports flexible HA deployment options

*OracleAS Single Sign-on (OracleAS SSO) is targeted at specific Oracle-only environments that require a lightweight authentication solution for web applications. OracleAS Single Sign-on is very well integrated with other Oracle Identity Management products, such as Oracle Internet Directory, Oracle Portal, and Oracle Delegated Administration Service. This enables OracleAS Single Sign-on to deliver simple and secure web authentication solutions to Oracle eBusiness Suite applications.*

### Introduction

OracleAS SSO enables web single sign-on for Oracle applications such as Oracle Portal, Oracle Collaboration Suite and Oracle E-Business Suite. It delivers a lightweight authentication solution to Oracle only environments. It supports basic username/password authentication and X.509 certificate based authentication. OracleAS SSO v10g includes advanced features such as Multilevel authentication, Windows Native Authentication and flexible High Availability deployment options.

### Multilevel Authentication

The OracleAS Single Sign-On (SSO) component now supports multilevel authentication, which allows different authentication levels to be assigned to different OracleAS SSO partner applications. This allows the administrator to tailor authentication behavior to the security level requested by the application. For example, a highly sensitive application may require client certificate based authentication while a less sensitive application may only require a user name and password. Each authentication level is tied to a specific authentication plugin, which is mapped to either one of the existing authentication methods available out-of-the-box (e.g. username/password, client certificate, etc.) or a to a third party access management system

### Windows Native Authentication

For environments where single sign-on is desired across both the Windows and web environment, OracleAS Single Sign-On can be configured to accept Microsoft Kerberos tokens for authentication. This allows a user to sign-on once to their Windows desktop and then access Oracle Application Server through a browser without having to sign-on again.

## ORACLE IDENTITY MANAGEMENT PRODUCTS

**Oracle Identity Management** is an integrated, scalable and robust identity management infrastructure that includes LDAP V3 directory services, directory synchronization, access management and a certificate authority.

**Oracle COREid Access and Identity** delivers critical functionality for access control, single sign-on, and user profile management in the heterogeneous application environment.

**Oracle COREid Federation** enables cross-domain single sign-on with the industry's only identity federation server that is completely self-contained and ready to run out-of-the box.

**Oracle Xellerate Identity Provisioning** is a powerful and flexible enterprise identity management system that automates the creation, updating, and removal of users from enterprise systems such as directories, email, databases, and ERP.

**Oracle Web Services Manager** is a comprehensive solution for adding policy-driven security and management capabilities to existing or new Web services.

**Oracle Virtual Directory** provides Internet and industry standard LDAP and XML views of existing enterprise identity information, without synchronizing or moving data from its native locations.

### Flexible Deployment Options

With OracleAS 10g (9.0.4), the OracleAS security infrastructure supports a variety of "real-world" configurations and deployments including:

- Use of proxy servers, load balancers, and other similar networking components
- High-availability in both local and geographically distributed settings
- Segmentation of firewall environments into multiple DMZ zones

### Integration with Oracle COREid Access

OracleAS SSO v10g in conjunction with COREid Access enables single sign-on across Oracle and non-Oracle applications. Users can login to a COREid protected application and use the same token to transparently login to an OracleAS SSO protected application.

### Conclusion

OracleAS Single Sign-on provides a simple and secure authentication solution to Oracle only deployments. It is well integrated other products in the Oracle Identity Management stack.