



IDFCONNECT

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SSO/Rest:

The Easiest Way to Extend Web Access Management Into the Cloud

SSO/Rest protects applications outside of your corporate boundaries just as if they were inside your own data centers. From the perspective of your Web Access Management (WAM) infrastructure, these applications are still in your data center and afforded the full capabilities that your WAM infrastructure has to offer.

5 Ways to Use SSO/Rest, Which One Works for You?



Protect Cloud Applications with Full Access Management

SSO/Rest cloud-enables your applications and protects them with your current Access Management platform just as if they were in your data center. Whether you run your own images on Amazon EC2 or Rack-space, or hot-deploy your applications directly to Microsoft Azure or Google App Engine, SSO/Rest allows you to protect and manage them as if they were local



Easily Integrate Rich Browser and Mobile Applications into Your Access Management Environment

Harness the power of your WAM infrastructure directly from all of your client platforms with minimal modifications to your existing applications with an intuitive and simple REST API



Tighter Integration, Better Services for Your Internal Applications

SSO/Rest provides a rich integration interface for server-side integrations, enabling them to further leverage the power of your WAM infrastructure. Because the interface is REST-based, no vendor-specific SDK is ever needed inside your applications



Go Agentless!

SSO/Rest consolidates your WAM agents to within the SSO/Rest Gateway. Migrating from thousands of heavy, vendor-proprietary agents to SSO/Rest's lightweight plug-ins will significantly lower the cost and burden of maintaining your SSO infrastructure



Deploy Web Access Management as a Service

Service providers can now provide the full power of traditional WAM solutions as a Software-as-a-Service offering

**NO CLOUD
VPN REQUIRED**

Works entirely over HTTPS,
with no cumbersome
network tunnels
or invasive firewall holes.

SSO/Rest Features

- ▶ Enforces session management rules and timeouts across all applications, whether on-site or cloud-based.
- ▶ End-to-end identity propagation and session (re)validation.
- ▶ Plug-ins support most major web servers in today's market, including Apache HTTP Server, Microsoft IIS, and now NGINX as well; and J2EE containers such as IBM WebSphere, Red Hat Wildfly (JBoss), Apache Tomcat, and Oracle WebLogic.
- ▶ Built-in web application and service for plugin registration allows application teams to self-register plugins via web app or script, without involving the IAM team.
- ▶ Rich client integration supports AJAX, Adobe Flex, Microsoft Silverlight, Mobile applications, and other rich content platforms
- ▶ Gateway component is available as a J2EE application file, a preconfigured Tomcat zip distribution, a VM appliance, or a Docker image.
- ▶ Pluggable logging framework allows configuration of logging and tracing both from within your WAM software and the externalized logging framework of your choice.
- ▶ Leverages a pluggable distributed caching technology to provide powerful tuning and global cache management.
- ▶ Endpoints support a flexible combination of plain text, JSON, and XML payloads.
- ▶ Full multi-byte support for international characters in user identifiers and attributes.
- ▶ Comprehensive OAuth and OIDC support, including wrapping vendor SSO tokens inside OAuth/OIDC tokens for tightest integration and security.
- ▶ Includes pluggable gateway logic for flexible integration with SSO solutions – currently CA SSO and Oracle Access Manager – with a standalone policy decision point based on an XACML rules engine coming in Q3.
- ▶ Fully supports most cloud-based platforms, including Amazon AWS, Microsoft Azure and Google Cloud.
- ▶ Powerful REST API performs multiple IAM operations, including enable/disable user and user password change.
- ▶ New plugin capabilities for Gateway component allow extensible agent logic (something that most WAM out-of-the-box agents cannot provide). Now you can use your Access Management solution as a complete Web Application Firewall and dynamically react to attack heuristics.

SSO/Rest Solution Architecture

