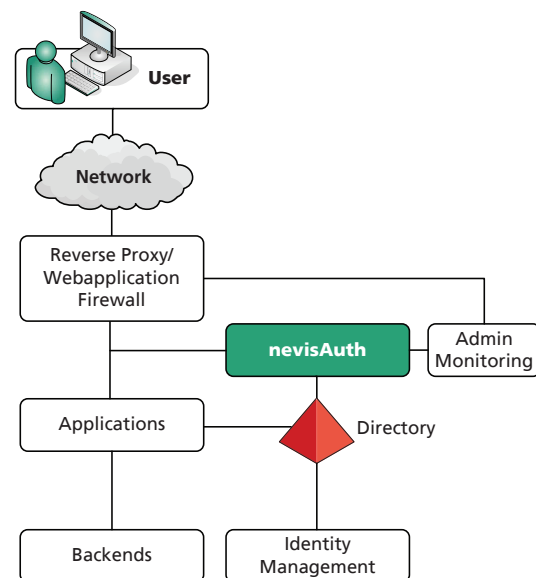


nevisAuth: Secure Authentication

nevisAuth ensures strong user and system authentication for identity and access management solutions. It enables secure execution of multi-step authentication and is able to dynamically adjust authentication strengths. Highly flexible and integrable, nevisAuth provides integration of various authentication methods. nevisAuth is a component of AdNovum's Nevis security framework.

Features and Tasks

- Execution of authentication procedures
- Multi-step authentication
 - workflow configuration via integrated state engine
 - state transitions (internal or via login mask)
 - transfer and branching configurable within state engine
- Varying authentication strengths including dynamic set-up
 - Fine-grained timeout handling in accordance with authentication strength
- Issuing of signed tokens for propagation (end-to-end security)
- Creation/processing of SAML 1.1/ 2.0 identity assertions



Product Highlights

Flexible and easily expandable

- Modular architecture: authentication core and plug-ins
- Range of standard plug-ins to connect to peripherals within product delivery
 - Customer-specific plug-ins can be integrated/developed

Auditability (auditing framework)

- Compliance-relevant actions are recorded: login, logout, re-authentication, failures, etc.
- Auditing framework that supports integration of customer-specific plug-ins for the processing of audit events

Easily configurable

- Configuration via easy-view XML file
- Configuration of workflows
 - Can be set up to manage several access channels

- Configurable log-in dialogs with arbitrary input or selectable text elements for each authentication step
 - optional integration of error reports, values of previous entries, or output of plug-ins to login dialogs

Supported authentication methods

- User name/password
- User certificates
- Scratch list/rastercard
- Biometric tokens
- OTP tokens
- Challenge/response

Openness

- Licensed users/companies have access to source code.

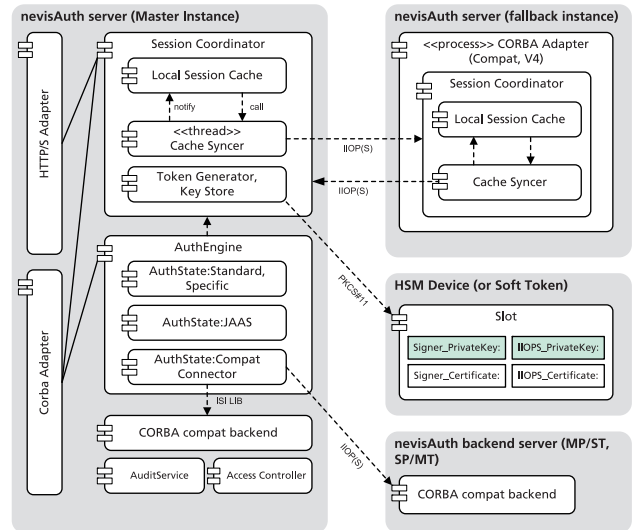
Technical Highlights

Integration features

- Pluggable authentication backends
- Pluggable backends for the management of users, roles and resources: Oracle, LDAP, Xindice
- Active Directory integration
- Supports Windows-Kerberos
- Integrates RADIUS-based services
- Supports SecurID, Vasco, AXSionics, SafeWord tokens
- Supports raster-cards in combination with nevisIDM
- Optional use of hardware security modules (HSM) for all crypto operations
 - HSM integration via PKCS#11
- Integration with nevisAdmin management console via JMX

Technical data

- Based on Java 5
 - Standalone
 - Deployed in Java EE container
- Webservice and CORBA interface
- OS: Solaris and Linux



References

E-banking

- nevisAuth is deployed by renowned financial institutions such as UBS and Postfinance to secure their e-banking solutions.

SSO portals

- nevisAuth authenticates the users of major e-business and e-government SSO portals such as the single sign-on portal of the FDJP (Federal Department of Justice and Police) or the business customer portal "My Post Business" of PostLogistics.



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