

Provider

The software component that contains implementations of the policy configuration, and policy decision classes defined by this specification.

reference-to-role mapping

The component-scoped transformation of component embedded role aliases into application-scoped role names. The transformation is defined at application deployment and perhaps modified by policy management.

role

[1] A named set of permissions that may be granted to principals.

[2] A principal that has been granted permissions or that is used as a privilege.

1.3 Assumptions

1. The contract defined in this JSR must be applicable to both J2EE 1.3 platforms and J2EE 1.4 platforms and to future versions of the Java EE platform.
2. We are defining a contract to be satisfied by “standard” Java SE Policy providers. In a J2EE 1.3 context we expect the provider to include a JAAS Policy provider.
3. J2EE 1.4 platforms will be required to implement the contract defined by this JSR. This contract will be a required element of subsequent versions of the Java EE platform.
4. Support for the contract by J2EE 1.3 platforms is optional. It is expected that there may be aspects of the contract that are Java EE release specific.
5. We do not expect to add new decision interfaces to Policy (JAAS or Java SE) to accomplish the work of this JSR.
6. Java EE application roles will be modeled as collections of permissions that are granted to principals.
7. A principal that is in a role is granted all the permissions of the collection. However, the converse is not true. That is, a principal that has been granted all the permissions of a role is not necessarily in the role (as determined by `isCallerInRole()`).