

3.1.4 EJB Policy Context Identifiers

To satisfy this specification, an application server must establish EJB policy context identifiers sufficient to differentiate all instances of the deployment of an EJB jar on the application server, or on any other application server with which the server may share the same policy statement repository.

When an application is composed of multiple EJB jars, no two jars that share at least one `ejb-name` value in common may share the same policy context identifiers.

In cases where EJBs may be packaged in war files, the application server must assign the EJBs to a policy context distinct from that to which any web components are assigned.

3.1.5 Translating EJB Deployment Descriptors

A reference to a `PolicyConfiguration` object must be obtained by calling the `getPolicyConfiguration` method on the `PolicyConfigurationFactory` implementation class of the provider configured into the container. The policy context identifier used in the call to `getPolicyConfiguration` must be a `String` that satisfies the requirements described in Section 3.1.4, “EJB Policy Context Identifiers,” on page 36. The `method-permission`, `exclude-list`, and `security-role-ref` elements appearing in the deployment descriptor must be translated into permissions and added to the `PolicyConfiguration` object to yield an equivalent translation as that defined in the following sections and such that every EJB method for which the container performs pre-dispatch access decisions is implied by at least one permission resulting from the translation. Before the translation is performed, all policy statements must have been removed¹¹ from the policy context associated with the returned `PolicyConfiguration`.

3.1.5.1 Translating EJB method-permission Elements

For each `method` element of each `method-permission` element, an `EJBMethodPermission` object translated from the `method` element must be added to the policy statements of the `PolicyConfiguration` object. The name of each such `EJBMethodPermission` object must be the `ejb-name` from the corresponding `method` element, and the actions must be established by

¹¹ This can be achieved by passing `true` as the second parameter in the call to `getPolicyConfiguration`, or by calling `delete` on the `PolicyConfiguration` before calling `getPolicyConfiguration` to transition it to the open state.