

CONFIDENTIAL indicates that acceptable connections are those deemed by the container to be protected for confidentiality.

**TABLE 3-1** transport-guarantee to Acceptable Connection Mapping

<i>transport-guarantee in constraint</i>	<i>connection type String value</i>
INTEGRAL	":INTEGRAL"
CONFIDENTIAL	":CONFIDENTIAL"
NONE (including no user-data-constraint)	null

### 3.1.3.2 Translating Servlet security-role-ref Elements

For each `security-role-ref` appearing in the deployment descriptor a corresponding `WebRoleRefPermission` must be added to the corresponding role. The name of the `WebRoleRefPermission` must be the `servlet-name` in whose context the `security-role-ref` is defined. The actions of the `WebRoleRefPermission` must be the value of the `role-name` (that is the reference), appearing in the `security-role-ref`. The deployment tools must call the `addToRole` method on the `PolicyConfiguration` object to add the `WebRoleRefPermission` object resulting from the translation to the `role` identified in the `role-link` appearing in the `security-role-ref`.

Additional `WebRoleRefPermission` objects must be added to the `PolicyConfiguration` as follows. For each `servlet` element in the deployment descriptor a `WebRoleRefPermission` must be added to each `security-role` of the application whose name does not appear as the `role-name` in a `security-role-ref` within the `servlet` element. The name of each such `WebRoleRefPermission` must be the `servlet-name` of the corresponding `servlet` element. The actions (that is, reference) of each such `WebRoleRefPermission` must be the corresponding (non-appearing) `role-name`. The resulting permissions must be added to the corresponding roles by calling the `addToRole` method on the `PolicyConfiguration` object.

For each `security-role` defined in the deployment descriptor, an additional `WebRoleRefPermission` must<sup>6</sup> be added to the corresponding role by calling the `addToRole` method on the `PolicyConfiguration` object. The

<sup>6</sup> These additional `WebRoleRefPermission` objects support the use of `isUserInRole` from unmapped (to a Servlet) JSP components.