XML static code analysis: Default EJB interceptors should be declared in "ejb-jar.xml"

1-2 minutes

Default interceptors, such as application security interceptors, must be listed in the `ejb-jar.xml` file, or they will not be treated as default.

This rule applies to projects that contain JEE Beans (any one of `javax.ejb.Singleton`, `MessageDriven`, `Stateless` or `Stateful`).

Noncompliant Code Example

// file: ejb-interceptors.xml
<assembly-descriptor>
 <interceptor-binding> <!-- should be declared in ejb-jar.xml -->
    <ejb-name>*</ejb-name>
    <interceptor-class>com.myco.ImportantInterceptor</interceptor-class> <!-- Noncompliant; will NOT be treated as default -->
  </interceptor-binding>
</assembly-descriptor>

Compliant Solution

// file: ejb-jar.xml

```
<assembly-descriptor>
 <interceptor-binding>
     <ejb-name>*</ejb-name>
     <interceptor-
class>com.myco.ImportantInterceptor</interceptor-class>
   </interceptor-binding>
</assembly-descriptor>
```

See

- [OWASP Top 10 2021 Category A5](#) - Security Misconfiguration

- [OWASP Top 10 2017 Category A6](#) - Security Misconfiguration