

Q44 - Servlet Container_INITIALIZER

Consider the following `testJar.jar` structure:

```
/META-INF/services/javax.servlet.initializer.ServletContainerInitializer
/com/nullhaus/MyInitializer.class
```

Assuming that:

- `MyInitializer.class` is a class which properly implements `ServletContainerInitializer` interface,
- `javax.servlet.initializer.ServletContainerInitializer` file consists of the following content:

```
com.nullhaus.MyInitializer
```

Choose the statements which are true:

- This is a correct usage of JAR Services API for the `ServletContainerInitializer`
- This is an incorrect usage of JAR Services API for the `ServletContainerInitializer`
- The `MyInitializer` class will be invoked if the `testJar.jar` will be put somewhere in the web application classpath
- The `MyInitializer` class will be invoked if the `testJar.jar` will be put in the web application `WEB-INF/lib` directory

Hide answer

b

Reference: page 84, 8.2.4 "Shared libraries / runtimes pluggability"

Explanation: The service file is **incorrectly named**. It should be `javax.servlet.ServletContainerInitializer`. If this filename would be corrected, option d would be also correct. The container **doesn't have to** run initializer which is in a JAR file in the web application classpath but **not** in the `WEB-INF/lib`.