Exam Simulator

Questions

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Q32 - Annotation and Declarative Servlets Definition



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## Q32 - Annotation and Declarative Servlets Definition

Considering the following Servlet code and the Deployment Descriptor snippet, choose the statements which are true:

- a. There will be exactly one instance of the NullHausServlet
- b. There will be exactly two instances of the NullHausServlet
- c. There will be at least one instances of the NullHausServlet
- d. There will be at least two instances of the NullHausServlet
- e. The NullHausServlet will be accessible only from /foo/\* url
- f. The NullHausServlet will be accessible only from /baz/\* url
- g. The NullHausServlet will be accessible from /foo/ and /baz/ urls
- h. There will be a runtime exception thrown and NullHaus1 servlet will not be operational

Hide answer

c, f

Reference: page 62, 8.1.1 "@WebServlet" and page 81, 8.2.3 "Assembling the descriptor from web.xml, web-fragment.xml and annotations"

**Explanation**: When the same servlet class is defined in the DD with the same name, the container **is not required to create a new instance of the servlet class**, however the exact number of servlet instances is unpredictable and it's **container-dependent**.

If the url-pattern is defined in both: the DD and the annotations, the DD takes precedence.