Exam Simulator

Questions

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Q54 - Servlet Security [6]



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Considering the following security constraints, which statements are true:

- a. For all HTTP methods other than GET and POST, and for all roles, access to this servlet is forbidden and the confidential transport is required
- b. For all HTTP methods and for all roles, access to this servlet is forbidden and the confidential transport is required
- c. For GET HTTP method request, the access to this servlet is forbidden if the role is different than "manager"
- d. For GET HTTP method request, the access to this servlet is forbidden if the role is equal to "manager"
- e. For POST HTTP method request, the access to this servlet is forbidden if the role is different than "manager"
- f. For POST HTTP method request, the access to this servlet is allowed with no further roles restrictions

Hide answer

a, c

Reference: pages 123 - 126, 13.4 "Programmatic Access Control Annotations"

Explanation: The value attribute defines the constraint which affects the HTTP methods which are **not** listed using the httpMethodConstraints attribute.

EmptyRoleSemantic defines the default action which should be undertaken if the rolesAllowed returns an **empty list** (no roles are defined). As a side not, you **should not** define emptyRoleSemantic when rolesAllowed list is not empty.

The "*" as a value of rolesAllowed attribute doesn't have any special meaning. In the DD, when crole-name is used it means "all roles", but in the @ServletSecurity annotation -- it doesn't.