

Latest Version: 6.0

Question: 1

An application contains an OSGi configuration that contains a password.
How should a developer prevent this sensitive information from being stored in plain text in JCR?

- A. 1. Use console at `/system/console/crypto` to encrypt the value
- 2. Either create an encrypted value for each AEM instance and use runmodes to apply the different values or make sure relevant instances share the same master key
- 3. When loading the value in the code, call `CryptoSupport.unprotect(_)` before using the value
- B. 1. Use console at `/system/console/configMgr` and tick the checkbox "encrypt" before saving a configuration
- 2. Use encrypted values work across all instances
- 3. When loading the value in the code, call `CryptoSupport.unprotect(...)` before using the value
- C. 1. Use console at `/system/console/crypto` to encrypt the value
- 2. Either create an encrypted value for each AEM instance and use runmodes to apply the different values or make sure relevant instances share the same master key
- 3. Sensitive information is automatically decrypted using the `CryptoSupport` OSGi service before the value is returned
- D. 1. Use console at `/system/console/configMgr` and tick the checkbox "encrypt" before saving a configuration
- 2. Either create an encrypted value for each AEM instance and use runmodes to apply the different values or make sure relevant instances share the same master key
- 3. Sensitive information is automatically decrypted using the `CryptoSupport` OSGi service before the value is returned

Answer: A

Question: 2

A custom bundle of an application is in state "Installed" after deploying it with Maven.
What should a developer do to change it to state "Active"?

- A. Use the "Start" action for the bundle in the Apache Felix Web Console
- B. Ensure all OSGi requirements are met and re-deploy using Maven
- C. Use the "Update" action for the bundle in the Apache Felix Web Console
- D. Reinstall the content package using the package manager

Answer: B

Question: 3

A developer needs to implement a header component for a website. The component has the following requirements:

- The component should be configured once on the page highest in the hierarchy.
- The header component on pages lower in the hierarchy should look the same and show the same data.
- If necessary, the configuration can be overwritten on a child page.
- The component should show a list of links that are configured in the header component.

Which code snippet for returning the list of pages should the developer use?

- A.

```
"public String[] getHeaderLinks(Page page) {
final Resource pageContent = page.getContentResource();
final ComponentInheritanceValueMap properties = ComponentInheritanceValueMap(pageContent);
return properties.get(HEADER_PAGE_LIST, String[].class);
}"
```
- B.

```
"public String[] getHeaderLinks(Resource componentResource) {
final ComponentInheritanceValueMap properties =
componentResource.adaptTo(ComponentInheritanceValueMap.class);
return properties.getInherited(HEADER_PAGE_LIST, String[].class);
}"
```
- C.

```
"public String[] getHeaderLinks(Resource componentResource) {
final HierarchyNodeInheritanceValueMap properties = new HierarchyNodeInheritanceValueMap
(componentResource);
return properties.getInherited(HEADER_PAGE_LIST, String[].class);
}"
```
- D.

```
"public String[] getHeaderLinks(Resource componentResource) {
final HierarchyNodeInheritanceVauleMap properties =
componentResource.adaptTo(HierarchyNodeInheritanceVauleMap.class);
return properties.getInherited(HEADER_PAGE_LIST, String[].class);
}"
```

Answer: C

Question: 4

A developer is creating a custom component on the page /latestBlogs.html that needs to list all the titles of the blogs pages under /content/blogs.

How does this component get the list of child pages?

- A. Instantiate a node object with `session.getNode(/content/blogs)` and then iterate through the child nodes and print the title for each.
- B. Use the `QueryDebugger` to look for all children of `/content/blogs` and then iterate through the result set and print the title for each.
- C. Adapt the `resourceResolver` to the `PageManger` service, then use the `getPage(/content/blogs)` to

instantiate a Page object and then iterate through the child pages and print the title for each.
D. Use PageManager.getPage("/content/blogs") of the static PageManager class to instantiate a Page object and then iterate through the child pages and print the title for each.

Answer: B

Question: 5

A developer is working with the following HTL expression in a component rendering script:

```
`${path/page.infinity.json} @extension = 'html',  
removeSelectors = ['foo'],  
selectors = ['foo', 'bar'],  
prependSuffix = 'hello',  
suffix = 'world' }
```

What is the expected output of this expression?

- A. path/page.foo.bar.html/hello/world
- B. path/page.infinity.json.bar.html/world
- C. path/page.bar.html/hello/world
- D. path/page.bar.html/world

Answer: C