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QUESTION 1

A developer is creating templates and/or components using CRXDE Lite. The developer needs to check the files into source control.

Which tool should the developer use to achieve this goal?

A. vlt command

B. Content Explorer

C. http://localhost:4502/crx/checkout

D. mvn command

Correct Answer: A

Reference: https://docs.adobe.com/content/help/en/experience-manager-64/developing/devtools/htvlttool.html

QUESTION 2

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.bar.html/world

B. path/page.bar.html/hello/world

C. path/page.foo.bar.html/hello/world

D. path/page.infinity.json.bar.html/world

Correct Answer: B

QUESTION 3

A custom AEM application contains Bundle A and Bundle B. Bundle A has a dependency to Bundle B via Import-

Package.

How can both bundles be deployed most efficiently across all environments?

A. Use the Felix Web Console to upload the bundles in the correct order.

B. Create one content package per bundle and use a package dependency to ensure installation order.

C. Embed both bundles in one content package and use property `installationOrder\\' in package properties for correct bundle installation order.

D. Embed both bundles in one content package: the dependency via Import-Package is enough to ensure correct installation.

Correct Answer: D

QUESTION 4

A developer has a component named foobar with the following file:

foobar.html

```
<div data-one="${'foo'}" data-two="${2}" data-three="${true}"></div>
<div data-one="${''}" data-two="${0}" data-three="${false}"></div>
```

What is the output when the component is rendered?

A.
```
<div data-one="foo" data-two=2 data-three=""></div>
<div data-two=0 data-three=""></div>
```

B.
```
<div data-one="foo" data-two="2" data-three="true"></div>
<div data-one="" data-two="0" data-three="false"></div>
```

C.
```
<div data-one="foo" data-two=2 data-three=""></div>
<div data-one="" data-two=0 data-three=""></div>
```

D.
```
<div data-one="foo" data-two="2" data-three></div>
<div data-two="0"></div>
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D

QUESTION 5

A Client-Side Library has the category "library.example".

Which HTL statement should a developer use to reference only the CSS files of this Client-Side Library?

A.

B.

C.

D.

Correct Answer: C

Reference: https://aemcq5pedia.wordpress.com/author/aempediaalpha/page/2/

QUESTION 6

A developer needs to analyze log messages for custom Java application. The developer writes the following Java class:

```
package com.abc.xyz;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class MyClass {

private static final Logger logger = LoggerFactory.getLogger(this.getClass());

    public void customMethod() {

        logger.debug("A custom log message");

    }

}
```

The developer creates a custom log named custom.log with a debug level in OSGi web console for Java package

com.abc.xyz.

Where should the developer look in the OSGi web console to view the above message?

A. OSGi -> Log Service and click logs/custom.log

B. Sling-> Log Support and click logs/custom.log

C. Sling -> Metrics and click logs/custom.log

D. AEM -> Log Support and click logs/custom.log

Correct Answer: B

QUESTION 7

A developer needs to change the label "Sites" in the navigation of AEM author to "Websites".

Which action should the developer take to achieve this?

A. Modify the node /libs/cq/core/content/nav/sites by updating the icr:title property value.

B. Change the code of /libs/granite/ui/components/shell/clientlibs/shell/js/globalnav.js to display the new value.

C. Create a new node /apps/cq/core/content/nav/sites and update the property icr:title.

D. Modify the code of /libs/granite/ui/components/shell/globalnav/overlay/overlay.jsp to display the new value.

Correct Answer: A

QUESTION 8

A developer creates an OSGi service to access JCR content. Refer to the code snippet from the OSGi service below.

```
public class AccessRepository {
    private static final String SERVICE_ACCOUNT_IDENTIFIER = "sample-service";
    ...
    private final String getServiceUser() {
     final Map<string, object=""> authInfo = Collections.singletonMap (ResourceResolverFactory.SUBSERVICE,(Object)
         SERVICE_ACCOUNT_IDENTIFIER);
     ResourceResolver serviceResolver = resourceResolverFactory.getServiceResourceResolver(authInfo))
    ...
   }
}
```

Bundle ID = com.adobe.aem.samples-bundle

Which set of steps should the developer take to make sure that the code works?

A. 1. Create an AEM User called serviceUser with appropriate ACLs.

2.

Modify the Apache Sling Service User Mapper Service Amendment.

3.

Set user.mapping to com.adobe.aem.samples-bundle:sample-service=serviceUser.

B. 1. Create an AEM User called serviceUser with appropriate ACLs.

2.

Modify the Apache Sling Service User Mapper Service.

3.

Set user.default to com.adobe.aem.samples-bundle:sample-service=systemUser.

C. 1. Create a System User called systemUser with appropriate ACLs.

2.

Modify the Apache Sling Service User Mapper Service.

3.

Set user.default to com.adobe.aem.samples-bundle:sample-service=systemUser.

D. 1. Create a System User called systemUser with appropriate ACLs.

2.

Modify the Apache Sling Service User Mapper Service Amendment.

3.

Set user.mapping to com.adobe.aem.samples-bundle:sample-service=systemUser.

Correct Answer: A

QUESTION 9

A developer creates the following code snippet to implement a simple polling importer to fetch stock prices from an external source:

```java
JAVA
package com.adobe.training.core.core;
...
@Component(immediate=true,
enabled=true,
service = Importer.class,
property = {
                        Importer.SCHEME_PROPERTY + "=stock"
}
)
public class StockDataImporter implements Importer {
            private final Logger logger = LoggerFactory.getLogger(getClass());
            private final String SOURCE_URL = 'https:// query.mystocks.com/v7/finance/quote?symbols=";
            private static final String LASTTRADE = "lastTrade";
            @Reference
            private SlingRepository repo;
            @Override
            public void importData(final String scheme, final String datasource, final Resource resource)
                        throws ImportException {
                        try {
                                    ParseJson parseJson = new ParseJson();
                                    String lastTrade = parseJson.loadJson(SOURCE_URL+dataSource);
                                    writeToRepository(dataSource, lastTrade, resource);
                        }
            catch(Exception e) {
                                    logger.error("Exceprion" e);
                        }
            }
            private void writeToRepository(final String stockSymbol, final String lastTrade, final Resource resource) throws
RepositoryExceprion {
                        Session session= repo.loginService(null, repo.getDefaultWorkspace());
                        Node parent = resource.adaptTo(Node.class);
                        Node stockPageNode = JcrUtil.createPath(parent.getPath() +"/" + stockSymbol, "cq:Page",
                                                session);
                        Node lastTradeNode = JcrUtil.createPath(stockPageNode.getPath() + "/lastTrade", "nt:unstructured",
session);

                                    lastTradeNode.setProperty(LASTTRADE, lastTrade);
                        session.save();
                        session.logout();
            }}
```

The polling importer needs to fetch stock prices for a specific stock symbol and needs to be triggered every 5 minutes.

Which node structure should the developer create in CRX to make sure that the code shown is executed successfully?

A.
```
+/apps/system/config/com.adobe.training.core.core.StockDataImporter [sling:0
sgiConfig]
        SCHEME_PROPERTY:"stock"
        -source: "ADBE"
        -target: "/content"
        -interval: 5
```

B.
```
+/apps/system/config/com.adobe.training.core.core.StockDataImporter [sling:0
sgiConfig]
        -sling:resourceType: com.adobe.training.core.core.StockDataImporter
        -SCHEME_PROPERTY: "ADBE"
        -target: "/content"
        -interval: 5
```

C.
```
+/etc/importers/polling/stock
        -jcr:mixinTypes: [ "cq:PollConfig"]
        -source: "stock:ADBE"
        -interval: 300
        -target: "/content"
```

D.
```
+/etc/importers/polling/stock
        -sling:resourceType: com.adobe.training.core.core.StockDataImporter
        -stock: "ADBE"
        -interval: 300
-target: "/content"
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A

QUESTION 10

One content package of a custom application contains the following content paths.

```
/apps/myproj/install
/apps/myproj/components
/apps/myproj/i18n
```

The server also contains the content path /apps/myproj/configuration that must NOT be touched when installing the package.

Which two filter definitions should a developer use to always update only the contained paths upon installation in the server? (Choose two.)

A.
```
<filter root="/apps/myproj">
        <exclude pattern="configuration.*"/>
</filter>
```

B.
```
<filter root="/apps/myproj">
        <include pattern=".*"/>
        <exclude pattern="configuration.*"/>
</filter>
```

C.
```
<filter root="/apps/myproj">
        <exclude pattern="/apps/myproj/configuration.*"/>
</filter>
```

D.
```
<filter root="/apps/myproj" mode="merge">
```

E.
```
<filter root="/apps/myproj">
        <include pattern="/apps/myproj/(install|components|i18n).*"/>
</filter>
```

A. Option A

B. Option B

C. Option C

D. Option D

E. Option E

Correct Answer: CD

Reference: https://github.com/adobe/aem-spa-project-archetype/issues/69

QUESTION 11

A developer is working on an HTL script for a custom component. The script has the following

requirements:

This script must list the title of every child page of the current page.

If a child page does not have any children, then its title should link directly to that page.

If a child page has children, then the title of every one of its children should be listed beneath its title.

The title of every grandchild page should link directly to that page. Which HTL script should the developer use to meet these requirements?

A.

```
<ul data-sly-list.child-"${currentPage.listChildren}">
    <li>
        <sly data-sly-test.grandchildren="${child.listChildren}">
            <b>${child.title}</b>
            <ul data-sly-list.grandchild="${grandchildren}">
                <li>
                    <a href="${grandchild.path @ extension = 'html'}">$
{grandchild.title}</a>
                </li>
            </ul>
        </sly>
        <sly data-sly-test="${!grandchildren}">
            <a href="${child.path @ extension = 'html'}">${child.title}</a>
        </sly>
    </li>
</ul>
```

B.

```
<ul data-sly-list.child-"${currentPage.listChildren}">
    <li>
        <sly data-sly-test.grandchildren="${child.listChildren}">
            <b>${child.title}</b>
            <ul data-sly-list.grandchild="${grandchildren}">
                <li>
                    <a href="${grandchild.path}">${grandchild.title}</a>
                </li>
            </ul>
        </sly>
        <sly data-sly-test="${!grandchildren}">
            <a href="${child.path}">${child.title}</a>
        </sly>
    </li>
</ul>
```

C.

```
<ul data-sly-list.child-"${currentPage.listChildren}">
    <li>
        <sly data-sly-test.grandchildren="${child.listChildren}">
            <b>${child.title}</b>
            <ul data-sly-list.grandchild="${grandchildren}">
                <li>
                    <a href="${grandchild.path}">${grandchild.title}</a>
                </li>
            </ul>
        </sly>
        <sly data-sly-test="${!child.listChildren}">
            <a href="${child.path}">${child.title}</a>
        </sly>
    </li>
</ul>
```

D.

```
<ul data-sly-list.child-"${currentPage.listChildren}">
    <li>
        <sly data-sly-test.grandchildren="${child.listChildren}">
            <b>${child.title}</b>
            <ul data-sly-list.grandchild="${grandchildren}">
                <li>
                    <a href="${grandchild.path @ extension = 'html'}">${grandchild.title}</a>
                </li>
            </ul>
        </sly>
        <sly data-sly-test="${!child.listChildren}">
            <a href="${child.path @ extension = 'html'}">${child.title}</a>
        </sly>
    </li>
</ul>
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: B

QUESTION 12

A developer creates a template-type for building editable templates.

The resulting editable templates and pages must always contain a specific layout container that can NOT

be deleted by the author.

How should the developer meet this requirement?

A. Add the layout container component by including it on the actual page component.

B. Add a content policy to the template-type to disable the removal of the layout container.

C. Add the layout container component to the initial section of the template-type.

D. Add the layout container component to the structure section of the template-type.

Correct Answer: B

QUESTION 13

The dependency of an AEM project fails when a developer configures using Apache Maven. Refer to the error
information below.

```
[INFO] -------------------------------------------------------
[ERROR] COMPILATION ERROR :
[INFO] -------------------------------------------------------
[ERROR] /training/core/src/main/java/com/adobe/training/core/listeners/SimpleResourceListener.java: [18,28] package org.apache.sling.api
does not exist
[ERROR] /training/core/src/main/java/com/adobe/training/core/filters/LoggingFilter.java:[26,28] package org.apache.sling.api does not e
xist
[ERROR] /training/core/src/main/java/com/adobe/training/core/filters/LoggingFilter.java:[27,31] package org.apache.sling.engine does no
t exist
[ERROR] /training/core/src/main/java/com/adobe/training/core/models/HelloWorldModel.java:[22,37] package org.apache.sling.api.resource
does not exist
[ERROR] /training/core/src/main/java/com/adobe/training/core/models/HelloWorldModel.java:[25,33] package org.apache.sling.settings does
not exist
[ERROR] /training/core/src/main/java/com/adobe/training/core/models/HelloWorldModel.java:[31,13] cannot find symbol
    symbol: class SlingSettingsService
    location: class com.adobe.training.core.models.HelloWorldModel
```

What should a developer add to the pom.xml to fix the Maven build?

A.
```
<dependency>
        <groupId>com.adobe.aem</groupId>
        <artifactId>uber-jar</artifactId>
        <version>6.4.0</version>
        <classifier>apis</classifier>
        <scope>provided</scope>
</dependency>
```

B.
```
<repositories>
        <repository>
                <id>adobe-public-releases</id>
                        <name>Adobe Public Repository</name>
                        <url>https://repo.adobe.com/nexus/content/groups/public/</url>
                <layout>default</layout>
        </repository>
        &#230;
</repositories>
```

C.
```
<dependency>
        <groupId>com.adobe.aem</groupId>
        <artifactId>aem-api</artifactId>
        <version>6.4.0</version>
        <classifier>apis</classifier>
        <scope>provided</scope>
</dependency>
```

D.
```
<resources>
        <resource>
                <directory>src/mail/content/jcr_root</directory>
                <filtering>false</filtering>
                <excludes>
                        <exclude>**/.vlt</exclude>
                        <exclude>**/.vltignore</exclude>
                        <exclude>libs/</exclude>
                </excludes>
        </resource>
</resources>
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D

QUESTION 14

In which two ways can a developer keep simple and maintainable CRX Access Control Lists? (Choose two.)

A. Delete the `everyone\\' group.

B. Use Deny statements sparingly.

C. Assign access rights to user groups rather than users.

D. Assign access rights user by user.

E. Use Deny statements extensively.

Correct Answer: CD

Reference: https://helpx.adobe.com/experience-manager/6-3/sites/administering/using/user-group-acadmin.html

QUESTION 15

A developer needs to ensure that the path /content//segments exists on all environments with the correct initial content that the developer provides in a package. Content that exists in that path should NOT be affected.

Which import mode should the developer use in the filter definition?

A. update

B. merge

C. replace

D. optional

Correct Answer: B

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