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QUESTION 1

A customer has developed an OAuth 2.0 Client application to access resources on behalf of a user. The customer states that the OAuth client has the following two constraints:

1. The OAuth client is not capable of maintaining its credentials confidential for authentication with the authorization server.
2. The resources owner does not have a trust relationship with the client.

What is the suitable OAuth 2.0 grant type for the API Protection Policy if the user resource accessed by the OAuth 2.0 client is to be protected by IBM Security Access Manager V9.0?

- A. Implicit Grant
- B. Client Credential Grant
- C. Authorization Code Grant
- D. Resource Owner Password Credentials Grant

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



QUESTION 2

In a customer environment, a REST API client is being developed to carry out Reverse Proxy configuration and maintenance. As part of one of the activities the customer needs to update the junction information with an additional Backend Server. The customer has written a REST API client but is not able to modify the junction.

Which HTTP headers should the customer pass?

- A. Host, Authorization
- B. Host, Accept: Application/json
- C. Authorization, Accept: Application/json
- D. content-type: application/json, Authorization

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

During installation WebSEAL provides a default certificate key database that is used to authenticate both clients and junctioned servers. Which stanza entry of the WebSEAL configuration file points to the default certificate key database (i.e. kdb file)?

- A. ssl-keyfile
- B. jct-cert-keyfile
- C. webseal-cert-keyfile
- D. webseal-cert-keyfile-label

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

A company has a large number of users who use mobile applications. The company wants to implement context-aware access controls for these resources. Which module of IBM Security Access Manager V9.0 should the company enable to support this requirement?

- A. Federation module
- B. Protocol Analysis module
- C. Mobile Access Control module
- D. Advanced Access Control module

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=an&subtype=ca&appname=gpatem&supplier=897&letternum=ENUS215-191>

QUESTION 5

A request for a virtual host junction shows an unexpected source IP address. Which troubleshooting tool can be used to investigate this issue?

- A. Host File

- B. Snapshots
- C. Support Files
- D. Packet Tracing

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6

An IBM Security Access Manager V9.0 deployment professional is charged with monitoring request response times from WebSEAL to the backend. The deployment professional wants the flexibility to see response times per request, per junction, per HTTP return code, or other criteria that may come up in the future.

What action will generate the required data for this analysis?

- A. Customize the request.log to include response times
- B. Run pdadmin "stats get pdweb.jct" on all junctions on a regular basis
- C. Run pdadmin stats get pdweb.https" and "stats get pdweb.http" on a regular basis
- D. Write a REST API script to pull "application interface statistics" on a regular basis

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7

A deployment professional attempts to log into an appliance which is part of a cluster to run pdadmin commands and receives the following message:

```
pdadmin> login-a sec_master -p password
2016-03-03-02:04:38:683-06:001 ---0x1354A420 pdadmin ERROR ivc socket mtsclient.cpp 2376 0x7fc2b7b0c720
HPDCO1056E Could not connect to the server 192.168.254.11, on port 7135. Error: Could not connect to the server. (status 0x1354a426)
```

What should the deployment professional check concerning the login target?

- A. Login was attempted on a special node
- B. Login was attempted on a restricted node

- C. Login was attempted on a secondary master that has not been promoted to the primary
- D. Login was attempted on a non-primary master of a cluster and the primary policy server is down.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

A customer is migrating from TAM v6.1 running on AIX to IBM Security Access Manager (ISAM) V9.0 hardware appliance. Which information from the TAM v6.1 environment will be useful in sizing the new ISAM V9.0 hardware configuration?

- A. WebSEAL request logs
- B. WebSEAL CDAS specifics
- C. Number of LDAP replicas
- D. Number of objects in the protected object space

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



QUESTION 9

There is an SSL connectivity issue between the IBM Security Access Manager V9.0 Reverse Proxy and the backend business application. Which Two troubleshooting commands under Tools in the application SSH interface can be used to validate the Reverse Proxy can successfully connect to the backend host: secure-port? (Choose two.)

- A. Ping
- B. Session
- C. Connect
- D. Traceout
- E. Connections

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

An IBM Security Access Manager V9.0 Reverse Proxy has a stateful junction to a Portal application called "/wps" There is no web server in front of Portal. This junction has three Portal servers defined behind it. The Portal team needs to do maintenance on each of the three servers. The team wants to accomplish with least impact to end users.

Which pdadmin "server task" based steps will accomplish this?

- A. Stop a server, have Portal team apply maintenance, bring server online-repeat for the other two servers.
- B. Delete a server, have Portal team apply maintenance then add server back-repeat for the other two servers.
- C. Take a server offline, have Portal team apply maintenance, bring server online- repeat for the other two servers.
- D. Throttle a server, ensure activity has ceased for that server, have Portal team apply maintenance, bring server online-repeat for the other two servers.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



QUESTION 11

A customer received a replacement hardware appliance, but on boot up it has a different firmware than that for IBM Security Access Manager (ISAM) V9.0. The appliance needs to be flashed to ISAM V9.0. The appliance needs to be rebooted with a bootable USB drive formatted as FAT32.

Which file format is needed to create the bootable drive?

- A. .iso
- B. .ova
- C. .pkg
- D. .img

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

A risk officer of an organization discovered that a site protected by the IBM Security Access Manager V9.0 solution might be vulnerable to common attacks like cross-site scripting (XSS) and SQL injection.

Which optional component should be configured to protect against these attacks?

- A. Federation
- B. Secure Web Settings
- C. Advanced Access Control
- D. Web Application Firewall

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

A stateful junction /WebApp is added to a Web reverse proxy instance with two backend HTTP servers. When one of the backend server stops responding to the requests, the users are getting the "Third Party Not Responding" error message even though one of the backend server continues to respond.

Which parameter needs to be added to the configuration file so that "Third Party Not Responding" error page is not rendered and the user is connected to the backend server that is responding?

- A. Use-same-session = yes
- B. Use-new-stateful-on-error=yes
- C. Failover-include-session-id= yes
- D. Enable-failover-cookie-for-domain = yes

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.ibm.com/support/knowledgecenter/SSPREK_7.0.0/com.ibm.isam.doc_80/ameb_webseal_admin_pdf.pdf

QUESTION 14

An IBM Security Manager V9.0 deployment professional executes the following steps:

1. Navigate to Edit SSL Certificate Database-embedded_ldap_keys
 2. Select the embedded LDAP server certificate
 3. Click Manage->Export
 4. Save the resulting .cer file onto local desktop
- Which task was the deployment professional performing?

- A. Renewing the embedded LDAP server certificate
- B. Replacing the embedded LDAP server certificate
- C. Creating a backup of the embedded LDAP server certificate
- D. Preparing to configure SSL for a local LDAP client to the embedded LDAP server

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

An IBM Security Access Manager V9.0 systems deployment professional needs to protect a back-end web applications from SQL injection attacks that match signatures from the IBM X-Force signature database.
Which action needs to be performed?

- A. Simulation Mode must be enabled and a Risk Profile must be specified.
- B. Web Content Protection must be enabled and a Risk Profile must be specified.
- C. Simulation Mode must be enabled and a Registered Resource must be specified.
- D. Web Content Protection must be enabled and a Registered Resource must be specified.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

The IBM Security Access Manager (ISAM) V9.0 LMI SSL certificate is auto-generated by default.
When the LMI certificate is due to expire, how is it renewed?

- A. The ISAM Appliance will renew LMI certificate automatically.
- B. The ISAM deployment professional must issue reset_lmi_cert using command line interface.
- C. The ISAM deployment professional must re-generate it using LMI Manage System Settings-> SSL panels.
- D. The ISAM deployment professional must create a new self sign certificate using LMI Manage System Settings-> SSL panels.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

The customer currently maintains all its users in Active Directory. As part of its new IBM Security Access Manager (ISAM) V9.0 deployment, the customer understands it will have to implement the ISAM "Global Sign-on (GSO)" to archive SSO with certain backend applications which do their own authentication and cannot be modified.

Which federated repositories configuration will address the customer requirements?

- A. Use an external ISDS LDAP as the ISAM primary LDAP, federate with the AD and import all AD users into the ISAM TDS.
- B. Configure the AD as the ISAM Primary LDAP, which will create the necessary seauthority= default suffix. Import all users into the ISAM AD.
- C. Use the ISAM embedded LDAP as the Primary LDAP, federate with the AD and configure "basic user", and specify "basic-user-principal-attribute=samAccountName"
- D. Use an external ISDS LDAP as the Primary LDAP, federate with the AD, configure "basic user", specify "basic-user-principal-attribute= samAccountName" and "basic-user-suffix= seauthority=default".

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

A customer has three LDAP servers: A master (ds1.example.com), another master (ds2.example.com) and a read-only replica (ds3.example.com) used for the IBM Security Access Manager (ISAM) V9.0. The deployment professional has configured the ISAM runtime using ds1.example.com as the registration server. Which configuration will provide load balancing for LDAP read across all three servers and failover to ds2.example.com for LDAP write?

- A. replica= ds2.example.com, 389, readonly,5 replica= ds3.example.com, 389, readonly,5 replica= ds2.example.com, 389, readwrite,6

- B. replica= ds1.example.com, 389, readonly,6 replica= ds2.example.com, 389, readonly,6 replica= ds3.example.com, 389, readonly,6 replica= ds2.example.com, 389, readwrite,4
- C. replica= ds1.example.com, 389, readonly,4 replica= ds2.example.com, 389, readonly,4 replica= ds3.example.com, 389, readonly,4 replica= ds2.example.com, 389, readwrite,6
- D. replica= ds1.example.com, 389, readonly,1 replica= ds2.example.com, 389, readonly,2 replica= ds3.example.com, 389, readonly,3 replica= ds2.example.com, 389, readwrite,4

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

Which web resource should be used to keep up to date on support flashes, fixpack announcements, and other product related issues?

- A. The IBM Support Portal
- B. The IBM Security twitter account
- C. The LinkedIn IBM Security Access Manager V9.0 Group
- D. The IBM devWorks IBM Security Access Manager V9.0 Forum



Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

A customer has deployed an IBM Security Access Manager V9.0 solution to protect web applications. After the initial authentication between the client and WebSEAL, WebSEAL can build a new Basic Authentication header and use the -b option to provide the authenticated Security Access Manager user name (client's original identity) together with a predefined static password across the junction to the back-end server.

Which configuration option will accomplish this?

- A. - gso
- B. -b filter

- C. -b ignore
- D. -supply

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: https://publib.boulder.ibm.com/tividd/td/ITAME/SC32-1359-00/en_US/HTML/am51_webseal_guide96.htm

QUESTION 21

How should the disk space occupied by the several large support files be reduced?

- A. Configure automatic roll over of support files using the LMI
- B. Download the support files and delete them from the appliance
- C. Download the support files which will also delete them from the appliance
- D. Configure support file retention policy using the LMI to restrict, such that files older than a certain date are purged

Correct Answer: B

Section: (none)

Explanation



Explanation/Reference:

Explanation

The size of these files can grow large over time. To reduce the disk space that is occupied by these files, download unused support files to an external drive. Then, delete the support files from the appliance.

Reference: https://www.ibm.com/support/knowledgecenter/SSXJVR_2.0.0/com.ibm.sso.doc/admin/concept/con_tips_using_appl.html

QUESTION 22

A deployment professional has configured Federated Single Sign-On using IBM Security Access Manager V9.0 with WebSEAL as point of contact. Which two things need to be configured to achieve Single Log Out (SLO) in the SAML 2.0 Federation? (Choose two.)

- A. The page displayed after pkmslogout is called (logout.html)
- B. The creation of user session ID's ([session]) user-session-ids= yes)
- C. The passing of session cookies to junctioned servers (-k option in the junction creation)
- D. The URIs that receive a single signoff request ([acct-mgt]) single-signoff-uri =/applications/signoff)
- E. The appropriate extended attribute to the Federation junction (HTTP-Tag-Value user_session_id=user_session_id)

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

A deployment professional in charge of a large deployment with replicated reverse proxy instances needs to keep junctions, template files, and configuration settings in sync between the instances.

How can this be done?

- A. Setup appliance clustering and issue server sync all
- B. Setup appliance clustering and issue server cluster sync
- C. Setup a master reverse proxy instance and issue server task source-instance sync target-instance
- D. Setup a master reverse proxy instance and issue server task target-instance sync source-instance

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



QUESTION 24

The IBM Security Access Manager (ISAM) V9.0 deployment professional tries to login to the LMI and discovers user "admin" no longer works, even though the correct password is also provided. The iSAM deployment professional must use "admin@local".

What ISAM application configuration change has occurred to cause this behavior?

- A. The LMI certificate has expired.
- B. The LMI Dashboard was incorrectly configured.
- C. Management Authorization has been configured.
- D. Management Authentication has been configured.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

The 10.51.140.x/24 IP Address space has been allocated for a new IBM Security Access Manager V9.0 deployment with the option of creating subnets. What are two correct network configurations for Management and Application interface (Choose two.)

- A. Interface 1.1 ==> 10.51.140.51/255.255.255.0 [ManagementInterface 1.1.==> 10.51.141.52/255.255.255.0 [Application]
- B. Interface 1.1 ==> 10.51.140.51/255.255.255.0 [ManagementInterface 1.1.==> 10.51.140.52/255.255.255.0 [Application]
- C. Interface 1.1 ==> 10.51.140.51/255.255.255.0 [ManagementInterface 1.2.==> 10.51.140.52/255.255.255.0 [Application]
- D. Interface 1.1 ==> 10.51.140.51/255.255.255.0 [ManagementInterface 1.2.==> 10.51.141.52/255.255.255.0 [Application]
- E. Interface 1.1 ==> 10.51.140.51/255.255.255.192 [ManagementInterface 1.3.==> 10.51.140.52/255.255.255.192 [Application]

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

What feature or capability of IBM Security Access Manager V9.0 can be utilized for inserting a static (pre-defined) HTTP header tag/value pair into the request flowing from WebSEAL to the backend application?

- A. HTTP Transformation rule
- B. HTTP-Tag_value extended attribute
- C. AuthzRule in LMI Policy Administration
- D. [header-names] stanza in WebSEAL conf file

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.ibm.com/support/knowledgecenter/SSPREK_9.0.1/com.ibm.isam.doc/wrp_stza_ref/reference/ref_srvr_name.html

QUESTION 27

The IBM Security Access Manager V9.0 deployment professional has enabled the Reverse proxy pdweb, sescache statistic to troubleshoot a problem. What is the problem?

- A. HTTP sessions are being timed out prematurely.
- B. HTTP requests are taking longer than expected.
- C. User sessions are terminated sooner than expected.
- D. Document caching is not as effective as anticipated.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

The deployed IBM Security Access Manager (ISAM) V9.0 solution in a company already contains a federated LDAP server. However, the dynamic group support is disabled. A deployment professional is required to change the existing federated LDAP server configuration to support the dynamic groups. How should the deployment professional do this?

- A. Re-federate the LDAP server with dynamic group support enabled
- B. Manually modify the ldap.conf file and add 'dynamic-groups-enabled=yes'
- C. Manually modify the activedir.conf file and add 'dynamic-groups-enabled=yes'
- D. Edit the federated directory configuration using LMI method and select the checkbox "Enable dynamic group"

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://www-01.ibm.com/support/docview.wss?uid=swg27043984&aid=12> (173)

QUESTION 29

A company is using the embedded LDAP server to store IBM Security Access Manager V9.0 user data. However, there is a requirement to create another suffix to hold a set of user data.

Which two suffix elements are supported when creating a top level entry for the suffix? (Choose two.)

- A. c
- B. l
- C. dn

- D. st
- E. cn

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

Explanation

Reference: <http://www-01.ibm.com/support/docview.wss?uid=swg27043085&aid=10> (35)

QUESTION 30

After a test cycle the deployment professional wants to search the WebSEAL WGA1 instance request log for HTTP 404 responses. Where can this log be found in the Local Management Interface?

- A. Monitor> Manage Reverse Proxy Log Files, select the WGA1 instance, select the request.log file and click View
- B. Monitor> Application Log Files, expand the var/logs/pdweb/WGA 1 folder, select the request.log file and click View
- C. From the Home page, click on the WGA1 instance in Reverse Proxy Health widget, select the request.log file and click View.
- D. Secure Web Settings> Reverse Proxy, select the WGA1 instance, access the Manage> Troubleshooting> Tracing menu item, select the request.log file and click View

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

The appliance dashboard Reverse Proxy Health widget indicates a problem with the /snoop junction on the Test instance. Which log file can be examined to find product errors?

- A. agent.log
- B. referer.log
- C. request.log
- D. msg_webseald-test.log

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

A customer has configured the IBM Security Access Manager V9.0 appliance authentication to an external LDAP server. The customer wants to allow support staff with LDAP accounts that are members of the HelpDesk group to view appliance and audit logs.

Where should the deployment professional configure a new role and map it to the HelpDesk LDAP group for the support staff?

- A. Manage System Settings-> Management Delegation
- B. Manage System Settings-> Administrator Settings
- C. Manage System Settings-> Management Authorization
- D. Manage System Settings-> Management Authentication

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



QUESTION 33

An attacker has compromised the private key associated with a certificate.

Which two methods can be used to ensure that certificates have not been revoked by the Certification authority that issued it? (Choose two.)

- A. Public Key Information
- B. Online Status Certificate Protocol
- C. Online Certificate Status Protocol
- D. Certificate Rejection List located in LDAP
- E. Certificate Revocation List located in LDAP

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference: