

Exam Questions SPLK-2002

Splunk Enterprise Certified Architect

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NEW QUESTION 1

Which of the following will cause the greatest reduction in disk size requirements for a cluster of N indexers running Splunk Enterprise Security?

- A. Setting the cluster search factor to N-1.
- B. Increasing the number of buckets per index.
- C. Decreasing the data model acceleration range.
- D. Setting the cluster replication factor to N-1.

Answer: D

NEW QUESTION 2

A customer has installed a 500GB Enterprise license. They also purchased and installed a 300GB, no enforcement license on the same license master. How much data can the customer ingest before search is locked out?

- A. 300G
- B. After this limit, search is locked out
- C. B.500G
- D. After this limit, search is locked out.
- E. 800G
- F. After this limit, search is locked out.
- G. Search is not locked out
- H. Violations are still recorded.

Answer: D

NEW QUESTION 3

Which of the following should be included in a deployment plan?

- A. Business continuity and disaster recovery plans.
- B. Current logging details and data source inventory.
- C. Current and future topology diagrams of the IT environment.
- D. A comprehensive list of stakeholders, either direct or indirect.

Answer: D

NEW QUESTION 4

A multi-site indexer cluster can be configured using which of the following? (Select all that apply.)

- A. Via Splunk Web.
- B. Directly edit SPLUNK_HOME/etc/system/local/server.conf
- C. Run a splunk edit cluster-config command from the CLI.
- D. Directly edit SPLUNK_HOME/etc/system/default/server.conf

Answer: AB

NEW QUESTION 5

Which index-time props.conf attributes impact indexing performance? (Select all that apply.)

- A. REPORT
- B. LINE_BREAKER
- C. ANNOTATE_PUNCT
- D. SHOULD_LINEMERGE

Answer: BD

NEW QUESTION 6

What log file would you search to verify if you suspect there is a problem interpreting a regular expression in a monitor stanza?

- A. btool.log
- B. metrics.log
- C. splunkd.log
- D. tailing_processor.log

Answer: C

NEW QUESTION 7

In a four site indexer cluster, which configuration stores two searchable copies at the origin site, one searchable copy at site2, and a total of four searchable copies?

- A. site_search_factor = origin:2, site1:2, total:4
- B. site_search_factor = origin:2, site2:1, total:4
- C. site_replication_factor = origin:2, site1:2, total:4
- D. site_replication_factor = origin:2, site2:1, total:4

Answer: D

NEW QUESTION 8

Which of the following is true regarding Splunk Enterprise performance? (Select all that apply.)

- A. Adding search peers increases the maximum size of search results.
- B. Adding RAM to an existing search heads provides additional search capacity.
- C. Adding search peers increases the search throughput as search load increases.
- D. Adding search heads provides additional CPU cores to run more concurrent searches.

Answer: BD

NEW QUESTION 9

Which Splunk Enterprise offering has its own license?

- A. Splunk Cloud Forwarder
- B. Splunk Heavy Forwarder
- C. Splunk Universal Forwarder
- D. Splunk Forwarder Management

Answer: C

NEW QUESTION 10

Indexing is slow and real-time search results are delayed in a Splunk environment with two indexers and one search head. There is ample CPU and memory available on the indexers. Which of the following is most likely to improve indexing performance?

- A. Increase the maximum number of hot buckets in indexes.conf
- B. Increase the number of parallel ingestion pipelines in server.conf
- C. Decrease the maximum size of the search pipelines in limits.conf
- D. Decrease the maximum concurrent scheduled searches in limits.conf

Answer: D

NEW QUESTION 10

The frequency in which a deployment client contacts the deployment server is controlled by what?

- A. polling_interval attribute in outputs.conf
- B. phoneHomeIntervalInSecs attribute in outputs.conf
- C. polling_interval attribute in deploymentclient.conf
- D. phoneHomeIntervalInSecs attribute in deploymentclient.conf

Answer: D

NEW QUESTION 11

To activate replication for an index in an indexer cluster, what attribute must be configured in indexes.conf on all peer nodes?

- A. repFactor = 0
- B. replicate = 0
- C. repFactor = auto
- D. replicate = auto

Answer: C

NEW QUESTION 12

Which of the following clarification steps should be taken if apps are not appearing on a deployment client? (Select all that apply.)

- A. Check serverclass.conf of the deployment server.
- B. Check deploymentclient.conf of the deployment client.
- C. Check the content of SPLUNK_HOME/etc/apps of the deployment server.
- D. Search for relevant events in splunkd.log of the deployment server.

Answer: ABC

NEW QUESTION 17

What is the minimum reference server specification for a Splunk indexer?

- A. 12 CPU cores, 12GB RAM, 800 IOPS
- B. 16 CPU cores, 16GB RAM, 800 IOPS
- C. 24 CPU cores, 16GB RAM, 1200 IOPS
- D. 28 CPU cores, 32GB RAM, 1200 IOPS

Answer: A

NEW QUESTION 19

Which of the following security options must be explicitly configured (i.e. which options are not enabled by default)?

- A. Data encryption between Splunk Web and splunkd.
- B. Certificate authentication between forwarders and indexers.
- C. Certificate authentication between Splunk Web and search head.
- D. Data encryption for distributed search between search heads and indexers.

Answer: B

NEW QUESTION 24

Which command will permanently decommission a peer node operating in an indexer cluster?

- A. splunk stop -f
- B. splunk offline -f
- C. splunk offline --enforce-counts
- D. splunk decommission --enforce counts

Answer: C

NEW QUESTION 29

Which CLI command converts a Splunk instance to a license slave?

- A. splunk add licenses
- B. splunk list licenser-slaves
- C. splunk edit licenser-localslave
- D. splunk list licenser-localslave

Answer: C

NEW QUESTION 30

Splunk Enterprise platform instrumentation refers to data that the Splunk Enterprise deployment logs in the _introspection index. Which of the following logs are included in this index? (Select all that apply.)

- A. audit.log
- B. metrics.log
- C. disk_objects.log
- D. resource_usage.log

Answer: CD

NEW QUESTION 34

Which of the following can a Splunk diag contain?

- A. Search history, Splunk users and their roles, running processes, indexed data
- B. Server specs, current open connections, internal Splunk log files, index listings
- C. KV store listings, internal Splunk log files, search peer bundles listings, indexed data
- D. Splunk platform configuration details, Splunk users and their roles, current open connections, index listings

Answer: B

NEW QUESTION 36

Which of the following are true statements about Splunk indexer clustering?

- A. All peer nodes must run exactly the same Splunk version.
- B. The master node must run the same or a later Splunk version than search heads.
- C. The peer nodes must run the same or a later Splunk version than the master node.
- D. The search head must run the same or a later Splunk version than the peer nodes.

Answer: B

NEW QUESTION 37

A customer plans to ingest 600 GB of data per day into Splunk. They will have six concurrent users, and they also want high data availability and high search performance. The customer is concerned about cost and wants to spend the minimum amount on the hardware for Splunk. How many indexers are recommended for this deployment?

- A. Two indexers not in a cluster, assuming users run many long searches.
- B. Three indexers not in a cluster, assuming a long data retention period.
- C. Two indexers clustered, assuming high availability is the greatest priority.
- D. Two indexers clustered, assuming a high volume of saved/scheduled searches.

Answer: D

NEW QUESTION 42

At which default interval does metrics.log generate a periodic report regarding license utilization?

- A. 10 seconds
- B. 30 seconds
- C. 60 seconds
- D. 300 seconds

Answer: B

NEW QUESTION 45

Which of the following statements describe a Search Head Cluster (SHC) captain? (Select all that apply.)

- A. Is the job scheduler for the entire SHC.
- B. Manages alert action suppressions (throttling).
- C. Synchronizes the member list with the KV store primary.
- D. Replicates the SHC's knowledge bundle to the search peers.

Answer: AD

NEW QUESTION 46

In search head clustering, which of the following methods can you use to transfer captaincy to a different member? (Select all that apply.)

- A. Use the Monitoring Console.
- B. Use the Search Head Clustering settings menu from Splunk Web on any member.
- C. Run the splunk transfer shcluster-captain command from the current captain.
- D. Run the splunk transfer shcluster-captain command from the member you would like to become the captain.

Answer: BD

NEW QUESTION 51

Which command is used for thawing the archive bucket?

- A. Splunk collect
- B. Splunk convert
- C. Splunk rebuild
- D. Splunk dbinspect

Answer: C

NEW QUESTION 56

A Splunk instance has the following settings in SPLUNK_HOME/etc/system/local/server.conf:

```
[clustering] mode = master
replication_factor = 2
pass4SymmKey = password123
```

Which of the following statements describe this Splunk instance? (Select all that apply.)

- A. This is a multi-site cluster.
- B. This cluster's search factor is 2.
- C. This Splunk instance needs to be restarted.
- D. This instance is missing the master_uri attribute.

Answer: AC

NEW QUESTION 60

Which of the following is a way to exclude search artifacts when creating a diag?

- A. SPLUNK_HOME/bin/splunk diag --exclude
- B. SPLUNK_HOME/bin/splunk diag --debug --refresh
- C. SPLUNK_HOME/bin/splunk diag --disable=dispatch
- D. SPLUNK_HOME/bin/splunk diag --filter-searchstrings

Answer: A

NEW QUESTION 62

When planning a search head cluster, which of the following is true?

- A. All search heads must use the same operating system.
- B. All search heads must be members of the cluster (no standalone search heads).
- C. The search head captain must be assigned to the largest search head in the cluster.
- D. All indexers must belong to the underlying indexer cluster (no standalone indexers).

Answer: C

NEW QUESTION 64

To improve Splunk performance, parallelIngestionPipelines setting can be adjusted on which of the following components in the Splunk architecture? (Select all

that apply.)

- A. Indexers
- B. Forwarders
- C. Search head
- D. Cluster master

Answer: AB

NEW QUESTION 66

When adding or decommissioning a member from a Search Head Cluster (SHC), what is the proper order of operations?

- A. 1. Delete Splunk Enterprise, if it exists.2. Install and initialize the instance.3. Join the SHC.
- B. 1. Install and initialize the instance.2. Delete Splunk Enterprise, if it exists.3. Join the SHC.
- C. 1. Initialize cluster rebalance operation.2. Remove master node from cluster.3. Trigger replication.
- D. 1. Trigger replication.2. Remove master node from cluster.3. Initialize cluster rebalance operation.

Answer: B

NEW QUESTION 69

When troubleshooting monitor inputs, which command checks the status of the tailed files?

- A. splunk cmd btool inputs list | tail
- B. splunk cmd btool check inputs layer
- C. curl https://serverhost:8089/services/admin/inputstatus/TailingProcessor:FileStatus
- D. curl https://serverhost:8089/services/admin/inputstatus/TailingProcessor:Tailstatus

Answer: C

NEW QUESTION 73

When should multiple search pipelines be enabled?

- A. Only if disk IOPS is at 800 or better.
- B. Only if there are fewer than twelve concurrent users.
- C. Only if running Splunk Enterprise version 6.6 or later.
- D. Only if CPU and memory resources are significantly under-utilized.

Answer: D

NEW QUESTION 74

Which of the following should be done when installing Enterprise Security on a Search Head Cluster? (Select all that apply.)

- A. Install Enterprise Security on the deployer.
- B. Install Enterprise Security on a staging instance.
- C. Copy the Enterprise Security configurations to the deployer.
- D. Use the deployer to deploy Enterprise Security to the cluster members.

Answer: AD

NEW QUESTION 79

Which of the following is an indexer clustering requirement?

- A. Must use shared storage.
- B. Must reside on a dedicated rack.
- C. Must have at least three members.
- D. Must share the same license pool.

Answer: D

NEW QUESTION 84

Which of the following statements about integrating with third-party systems is true? (Select all that apply.)

- A. A Hadoop application can search data in Splunk.
- B. Splunk can search data in the Hadoop File System (HDFS).
- C. You can use Splunk alerts to provision actions on a third-party system.
- D. You can forward data from Splunk forwarder to a third-party system without indexing it first.

Answer: CD

NEW QUESTION 85

How does the average run time of all searches relate to the available CPU cores on the indexers?

- A. Average run time is independent of the number of CPU cores on the indexers.
- B. Average run time decreases as the number of CPU cores on the indexers decreases.
- C. Average run time increases as the number of CPU cores on the indexers decreases.

D. Average run time increases as the number of CPU cores on the indexers increases.

Answer: C

NEW QUESTION 88

Consider a use case involving firewall data. There is no Splunk-supported Technical Add-On, but the vendor has built one. What are the items that must be evaluated before installing the add-on? (Select all that apply.)

- A. Identify number of scheduled or real-time searches.
- B. Validate if this Technical Add-On enables event data for a data model.
- C. Identify the maximum number of forwarders Technical Add-On can support.
- D. Verify if Technical Add-On needs to be installed onto both a search head or indexer.

Answer: AC

NEW QUESTION 92

When configuring a Splunk indexer cluster, what are the default values for replication and search factor?

- A. replication_factor = 2 search_factor = 2
- B. replication_factor = 2 searchfactor = 3
- C. replication_factor = 3 search_factor = 2
- D. replication_factor = 3 searchfactor = 3

Answer: A

NEW QUESTION 97

Which two sections can be expanded using the Search Job Inspector?

- A. Execution costs.
- B. Saved search history.
- C. Search job properties.
- D. Optimization suggestions.

Answer: BC

NEW QUESTION 100

What is the default log size for Splunk internal logs?

- A. 10MB
- B. 20 MB
- C. 25MB
- D. 30MB

Answer: C

NEW QUESTION 104

What is a Splunk Job? (Select all that apply.)

- A. A user-defined Splunk capability.
- B. Searches that are subjected to some usage quota.
- C. A search process kicked off via a report or an alert.
- D. A child OS process manifested from the splunkd process.

Answer: A

NEW QUESTION 109

When Splunk is installed, where are the internal indexes stored by default?

- A. SPLUNK_HOME/bin
- B. SPLUNK_HOME/var/lib
- C. SPLUNK_HOME/var/run
- D. SPLUNK_HOME/etc/system/default

Answer: B

NEW QUESTION 112

Which of the following options can improve reliability of syslog delivery to Splunk? (Select all that apply.)

- A. Use TCP syslog.
- B. Configure UDP inputs on each Splunk indexer to receive data directly.
- C. Use a network load balancer to direct syslog traffic to active backend syslog listeners.
- D. Use one or more syslog servers to persist data with a Universal Forwarder to send the data to Splunk indexers.

Answer: CD

NEW QUESTION 114

Which of the following tasks should the architect perform when building a deployment plan? (Select all that apply.)

- A. Use case checklist.
- B. Install Splunk apps.
- C. Inventory data sources.
- D. Review network topology.

Answer: D

NEW QUESTION 119

Because Splunk indexing is read/write intensive, it is important to select the appropriate disk storage solution for each deployment. Which of the following statements is accurate about disk storage?

- A. High performance SAN should never be used.
- B. Enable NFS for storing hot and warm buckets.
- C. The recommended RAID setup is RAID 10 (1 + 0).
- D. Virtualized environments are usually preferred over bare metal for Splunk indexers.

Answer: C

NEW QUESTION 122

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