

Splunk

Exam Questions SPLK-2002

Splunk Enterprise Certified Architect



NEW QUESTION 1

Search dashboards in the Monitoring Console indicate that the distributed deployment is approaching its capacity. Which of the following options will provide the most search performance improvement?

- A. Replace the indexer storage to solid state drives (SSD).
- B. Add more search heads and redistribute users based on the search type.
- C. Look for slow searches and reschedule them to run during an off-peak time.
- D. Add more search peers and make sure forwarders distribute data evenly across all indexers.

Answer: C

NEW QUESTION 2

A Splunk architect has inherited the Splunk deployment at Buttercup Games and end users are complaining that the events are inconsistently formatted for a web sourcetype. Further investigation reveals that not all web logs flow through the same infrastructure: some of the data goes through heavy forwarders and some of the forwarders are managed by another department. Which of the following items might be the cause for this issue?

- A. The search head may have different configurations than the indexers.
- B. The data inputs are not properly configured across all the forwarders.
- C. The indexers may have different configurations than the heavy forwarders.
- D. The forwarders managed by the other department are an older version than the rest.

Answer: D

NEW QUESTION 3

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 ou
- 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 ou
- H. Violations are still recorded.

Answer: D

NEW QUESTION 4

What does the deployer do in a Search Head Cluster (SHC)? (Select all that apply.)

- A. Distributes apps to SHC members.
- B. Bootstraps a clean Splunk install for a SHC.
- C. Distributes non-search related and manual configuration file changes.
- D. Distributes runtime knowledge object changes made by users across the SHC.

Answer: A

NEW QUESTION 5

When using the props.conf LINE_BREAKER attribute to delimit multi-line events, the SHOULD_LINEMERGE attribute should be set to what?

- A. Auto
- B. None
- C. True
- D. False

Answer: C

NEW QUESTION 6

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 7

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 8

Which of the following are client filters available in serverclass.conf? (Select all that apply.)

- A. DNS name.
- B. IP address.
- C. Splunk server role.
- D. Platform (machine type).

Answer: AB

NEW QUESTION 9

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 10

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 10

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 14

Which Splunk server role regulates the functioning of indexer cluster?

- A. Indexer
- B. Deployer
- C. Master Node
- D. Monitoring Console

Answer: C

NEW QUESTION 18

Which of the following commands is used to clear the KV store?

- A. splunk clean kvstore
- B. splunk clear kvstore
- C. splunk delete kvstore
- D. splunk reinitialize kvstore

Answer: A

NEW QUESTION 19

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 24

The guidance Splunk gives for estimating size on for syslog data is 50% of original data size. How does this divide between files in the index?

- A. rawdata is: 10%, tsidx is: 40%
- B. rawdata is: 15%, tsidx is: 35%
- C. rawdata is: 35%, tsidx is: 15%
- D. rawdata is: 40%, tsidx is: 10%

Answer: B

NEW QUESTION 27

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 29

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 33

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 34

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 38

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 41

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 43

Before users can use a KV store, an admin must create a collection. Where is a collection is defined?

- A. kvstore.conf
- B. collection.conf
- C. collections.conf
- D. kvcollections.conf

Answer: C

NEW QUESTION 44

To optimize the distribution of primary buckets; when does primary rebalancing automatically occur? (Select all that apply.)

- A. Rolling restart completes.
- B. Master node rejoins the cluster.
- C. Captain joins or rejoins cluster.
- D. A peer node joins or rejoins the cluster.

Answer: ABD

NEW QUESTION 47

Which search head cluster component is responsible for pushing knowledge bundles to search peers, replicating configuration changes to search head cluster members, and scheduling jobs across the search head cluster?

- A. Master
- B. Captain
- C. Deployer
- D. Deployment server

Answer: B

NEW QUESTION 51

Configurations from the deployer are merged into which location on the search head cluster member?

- A. SPLUNK_HOME/etc/system/local
- B. SPLUNK_HOME/etc/apps/APP_HOME/local
- C. SPLUNK_HOME/etc/apps/search/default
- D. SPLUNK_HOME/etc/apps/APP_HOME/default

Answer: A

NEW QUESTION 53

How does IT Service Intelligence (ITSI) impact the planning of a Splunk deployment?

- A. ITSI requires a dedicated deployment server.
- B. The amount of users using ITSI will not impact performance.
- C. ITSI in a Splunk deployment does not require additional hardware resources.
- D. Depending on the Key Performance Indicators that are being tracked, additional infrastructure may be needed.

Answer: D

NEW QUESTION 56

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 60

Which of the following statements describe licensing in a clustered Splunk deployment? (Select all that apply.)

- A. Free licenses do not support clustering.
- B. Replicated data does not count against licensing.
- C. Each cluster member requires its own clustering license.
- D. Cluster members must share the same license pool and license master.

Answer: BD

NEW QUESTION 63

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 66

Which server.conf attribute should be added to the master node's server.conf file when decommissioning a site in an indexer cluster?

- A. site_mappings
- B. available_sites
- C. site_search_factor
- D. site_replication_factor

Answer: A

NEW QUESTION 67

Which tool(s) can be leveraged to diagnose connection problems between an indexer and forwarder? (Select all that apply.)

- A. telnet
- B. tcpdump
- C. splunk btool
- D. splunk btprobe

Answer: BC

NEW QUESTION 68

A search head has successfully joined a single site indexer cluster. Which command is used to configure the same search head to join another indexer cluster?

- A. splunk add cluster-config
- B. splunk add cluster-master
- C. splunk edit cluster-config
- D. splunk edit cluster-master

Answer: B

NEW QUESTION 71

Which of the following is a best practice to maximize indexing performance?

- A. Use automatic sourcetypes.
- B. Use the Splunk default settings.
- C. Not use pre-trained source types.
- D. Minimize configuration generality.

Answer: D

NEW QUESTION 72

Of the following types of files within an index bucket, which file type may consume the most disk?

- A. Rawdata
- B. Bloom filter
- C. Metadata (.data)
- D. Inverted index (.tsidx)

Answer: B

NEW QUESTION 77

When converting from a single-site to a multi-site cluster, what happens to existing single-site clustered buckets?

- A. They will continue to replicate within the origin site and age out based on existing policies.
- B. They will maintain replication as required according to the single-site policies, but never age out.
- C. They will be replicated across all peers in the multi-site cluster and age out based on existing policies.
- D. They will stop replicating within the single-site and remain on the indexer they reside on and age out according to existing policies.

Answer: B

NEW QUESTION 78

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 83

Splunk configuration parameter settings can differ between multiple .conf files of the same name contained within different apps. Which of the following directories

has the highest precedence?

- A. System local directory.
- B. System default directory.
- C. App local directories, in ASCII order.
- D. App default directories, in ASCII order.

Answer: A

NEW QUESTION 85

What is the algorithm used to determine captaincy in a Splunk search head cluster?

- A. Raft distributed consensus.
- B. Rapt distributed consensus.
- C. Rift distributed consensus.
- D. Round-robin distribution consensus.

Answer: A

NEW QUESTION 89

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 94

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

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

Answer: A

NEW QUESTION 98

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 102

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 103

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 105

What is the logical first step when starting a deployment plan?

- A. Inventory the currently deployed logging infrastructure.
- B. Determine what apps and use cases will be implemented.

- C. Gather statistics on the expected adoption of Splunk for sizing.
- D. Collect the initial requirements for the deployment from all stakeholders.

Answer: D

NEW QUESTION 109

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