

Simulation SPLK-2002 Questions | SPLK-2002 Dumps Reviews

IFS-2002 1 of 8

MECHANICAL ENGINEERING

PAPER - I
SECTION A

1. Answer any four of the following (each answer should conform to a limit of around 150 words).

(a) Mention the conditions required for a two mass system to be dynamically equivalent to a rigid mechanical component. Why sometimes is a hypothetical correction couple applied on the two mass system to make it dynamically equivalent to a rigid body? Find the position of centre of percussion of a compound pendulum from its centre of gravity. What is the significance of the concept of centre of percussion for a batsman playing a cricket ball? (6 + 4 = 10)

(b) What is meant by hunting of governor? Explain briefly the causes of its occurrence. Justify with reasons, whether it is more severe in case of unbalanced governor or isochronous governor (10)

(c) (i) A connecting rod in I.C. engine is designed as a column, with an I-section. Designers take moment of inertia of the cross-section about one axis equal to 4 times that taken about the perpendicular axis. Why? (6 + 4 = 10)

(ii) Why is it considered that the hollow shaft under torsion is lighter than a solid one, if other parameters are the same?

(d) (i) Draw a Mohr's circle of stress for a round bar which is shrunk fit by a hub, with brief explanation. (5 + 5 = 10)

(ii) A cantilever is loaded and the bending moment diagram is rectangular as shown in Figure. What will be the shape of the shear force diagram? (5 + 5 = 10)

(e) With reference to figure, neglect the weight of the bar and stopper. A load W is dropped from a height h . Given $W = 1.0 \text{ kN}$, area of cross- section of the bar = 20 mm^2 . Find the instantaneous stress developed in the bar when the weight W is dropped from a height $h = 0$. (10)

2. (a) A machine weighing 68 N is mounted on a set of springs, whose equivalent spring stiffness, $K = 1070 \text{ N/cm}$ and damping factor, $\xi = 0.2$ arranged vertically on a rigid foundation. A piston within the machine weighing 2.0 N has a vertical reciprocating motion, with a stroke of 8.0 cm and a crank shaft with a speed of 3000 rpm. Assuming the motion to be simple harmonic, determine:

(i) The amplitude of vibration in the vertical direction of the machine. (5)

(ii) The transmissibility ratio and the force transmitted to the foundation. The phase lag between the transmitted force and the exciting force. (5)

BTW, DOWNLOAD part of 2Pass4sure SPLK-2002 dumps from Cloud Storage: https://drive.google.com/open?id=1g_56WnfaxnDQ5xZAeH43wLfhsULH51c9

Before making a final purchase, 2Pass4sure customers can try the features of the SPLK-2002 practice material with a free demo. If a customer purchases our SPLK-2002 exam preparation material, we will provide them with Free SPLK-2002 Exam Questions updates for up to 1 year. If the SPLK-2002 certification test content changes after your purchase within 1 year, you will instantly get free real questions updates.

We have been focusing on perfecting the SPLK-2002 exam dumps by the efforts of our company's every worker no matter the professional expert or the 24 hours online services. We are so proud that we own the high pass rate to 99%. This data depend on the real number of our worthy customers who bought our SPLK-2002 Study Guide and took part in the real SPLK-2002 exam. Obviously, their performance is wonderful with the help of our outstanding SPLK-2002 learning materials.

>> Simulation SPLK-2002 Questions <<

Real Splunk SPLK-2002 Dumps PDF Format

There are many ways to help you prepare for your Splunk SPLK-2002 exam. 2Pass4sure provide a reliable training tools to help you prepare for your Splunk SPLK-2002 exam certification. The 2Pass4sure Splunk SPLK-2002 Exam Materials are including test questions and answers. Our materials are very good software that through the practice test. Our materials will meet all of the IT certifications.

To prepare for the SPLK-2002 Exam, candidates must have a deep understanding of Splunk Enterprise and its various components, including the search processing language (SPL), data models, and knowledge objects. They must also have experience in designing and implementing complex Splunk deployments, including the ability to troubleshoot issues and optimize performance.

Splunk Enterprise Certified Architect Sample Questions (Q162-Q167):

NEW QUESTION # 162

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

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

Answer: D

NEW QUESTION # 163

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

Answer: C

NEW QUESTION # 164

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

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

Answer: B,C

Explanation:

Explanation

The following statements are true regarding Splunk Enterprise performance:

* Adding search peers increases the search throughput as search load increases. This is because adding more search peers distributes the search workload across more indexers, which reduces the load on each indexer and improves the search speed and concurrency.

* Adding search heads provides additional CPU cores to run more concurrent searches. This is because adding more search heads increases the number of search processes that can run in parallel, which improves the search performance and scalability. The following statements are false regarding Splunk Enterprise performance:

* Adding search peers does not increase the maximum size of search results. The maximum size of search results is determined by the maxresultrows setting in the limits.conf file, which is independent of the number of search peers.

* Adding RAM to an existing search head does not provide additional search capacity. The search capacity of a search head is determined by the number of CPU cores, not the amount of RAM. Adding RAM to a search head may improve the search performance, but not the search capacity. For more information, see Splunk Enterprise performance in the Splunk documentation.

NEW QUESTION # 165

A search head cluster member contains the following in its server .conf. What is the Splunk server name of this member?

□

- **A. node3**
- B. idxc2

- C. node1
- D. shc4

Answer: A

Explanation:

The Splunk server name of the member can typically be determined by the `serverName` attribute in the `server.conf` file, which is not explicitly shown in the provided snippet. However, based on the provided configuration snippet, we can infer that this search head cluster member is configured to communicate with a cluster master (`master_uri`) located at `node1` and a management node (`mgmt_uri`) located at `node3`. The `serverName` is not the same as the `master_uri` or `mgmt_uri`; these URIs indicate the location of the master and management nodes that this member interacts with.

Since the `serverName` is not provided in the snippet, one would typically look for a setting under the `[general]` stanza in `server.conf`. However, given the options and the common naming conventions in a Splunk environment, `node3` would be a reasonable guess for the server name of this member, since it is indicated as the management URI within the `[shclustering]` stanza, which suggests it might be the name or address of the server in question.

For accurate identification, you would need to access the full `server.conf` file or the Splunk Web on the search head cluster member and look under `Settings > Server settings > General settings` to find the actual `serverName`. Reference for these details would be found in the Splunk documentation regarding the configuration files, particularly `server.conf`.

NEW QUESTION # 166

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

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

Answer: B,C

Explanation:

Explanation/Reference: https://docs.splunk.com/Documentation/Splunk/7.3.1/Updating/Filterclients#Define_filters_through_serverclass.conf

NEW QUESTION # 167

.....

When you are studying for the SPLK-2002 exam, maybe you are busy to go to work, for your family and so on. Time is precious for everyone to do the efficient job. If you want to get good SPLK-2002 prep guide, it must be spending less time to pass it. We are choosing the key point and the latest information to finish our SPLK-2002 Guide Torrent. It only takes you 20 hours to 30 hours to do the practice. After your effective practice, you can master the examination point from the SPLK-2002 exam torrent. Then, you will have enough confidence to pass the SPLK-2002 exam.

SPLK-2002 Dumps Reviews: <https://www.2pass4sure.com/Splunk-Enterprise-Certified-Architect/SPLK-2002-actual-exam-braindumps.html>

- SPLK-2002 certification training: Splunk Enterprise Certified Architect - SPLK-2002 study guide Download  SPLK-2002  for free by simply entering www.practicevce.com website SPLK-2002 Test Simulator Fee
- Learn The Splunk SPLK-2002 Real Exam Dumps - To Gain Brilliant Result The page for free download of "SPLK-2002" on  www.pdfvce.com  will open immediately Latest SPLK-2002 Mock Test
- SPLK-2002 Test Simulator Fee Valid Real SPLK-2002 Exam Valid Real SPLK-2002 Exam  www.prep4sures.top is best website to obtain  SPLK-2002 for free download Real SPLK-2002 Testing Environment
- Valid SPLK-2002 Dumps  Practice SPLK-2002 Exam SPLK-2002 New Dumps Sheet Search on  www.pdfvce.com for [SPLK-2002] to obtain exam materials for free download Latest SPLK-2002 Test Question
- SPLK-2002 New Dumps Sheet  SPLK-2002 Valid Exam Bootcamp Valid Real SPLK-2002 Exam Search on  www.pdfdumps.com  for [SPLK-2002] to obtain exam materials for free download SPLK-2002 Valid Braindumps Sheet
- SPLK-2002 Questions and Answers: Splunk Enterprise Certified Architect - SPLK-2002 Practice Test Search for SPLK-2002 and obtain a free download on  www.pdfvce.com  Practice SPLK-2002 Exam

- SPLK-2002 Valid Dumps Sheet Exam SPLK-2002 Simulator SPLK-2002 Visual Cert Test Open  www.prepawayexam.com  enter  SPLK-2002  and obtain a free download SPLK-2002 Valid Braindumps Sheet
- Valid Real SPLK-2002 Exam Exam SPLK-2002 Simulator Real SPLK-2002 Testing Environment Download { SPLK-2002 } for free by simply entering  www.pdfvce.com  website Valid SPLK-2002 Dumps
- Sample Materials SPLK-2002 All-in-One Exam Guide Search for « SPLK-2002 » and download it for free immediately on  www.practicevce.com SPLK-2002 Valid Exam Bootcamp
- Get Fresh Splunk SPLK-2002 Exam Updates Enter  www.pdfvce.com and search for “SPLK-2002” to download for free Exam SPLK-2002 Simulator
- SPLK-2002 certification training: Splunk Enterprise Certified Architect - SPLK-2002 study guide Search for  SPLK-2002 and easily obtain a free download on  www.vce4dumps.com  Valid Real SPLK-2002 Exam
- myportal.utt.edu.tt, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, bbs.t-firefly.com, pastebin.com, myportal.utt.edu.tt, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, Disposable vapes

P.S. Free & New SPLK-2002 dumps are available on Google Drive shared by 2Pass4sure: https://drive.google.com/open?id=1g_56WnfaxnDQ5xZAeH43wLfhsULH51c9