The advent of Linux Foundation certification PCA exam practice questions and answers

BONUS!!! Download part of PrepAwayETE PCA dumps for free: https://drive.google.com/open?id=1n26jzKko5IQ-qCLbOUlaqhFYE1c2smDM

Our offers don't stop here. If our customers want to evaluate the Linux Foundation PCA exam questions before paying us, they can download a free demo as well. Giving its customers real and updated Prometheus Certified Associate Exam (PCA) questions is PrepAwayETE's major objective. Another great advantage is the money-back promise according to terms and conditions. Download and start using our Linux Foundation PCA Valid Dumps to pass the Prometheus Certified Associate Exam (PCA) certification exam on your first try.

We guarantee that this study material will prove enough to prepare successfully for the PCA examination. If you prepare with our Prometheus Certified Associate Exam PCA actual dumps, we ensure that you will become capable to crack the Linux Foundation PCA test within a few days. This has helped hundreds of Linux Foundation PCA Exam candidates. Applicants who have used our Linux Foundation PCA valid dumps are now certified. If you also want to pass the test on your first sitting, use our Linux Foundation PCA updated dumps.

>> PCA Exam Answers <<

PCA actual test & PCA pass for sure & PCA test guide

We have accommodating group offering help 24/7. It is our responsibility to aid you through those challenges ahead of you. So instead of focusing on the high quality PCA latest material only, our staff is genial and patient to your questions of our PCA real questions. It is our obligation to offer help for your trust and preference. Besides, you can have an experimental look of demos and get more information of PCA Real Questions. The customer-service staff will be with you all the time to smooth your acquaintance of our PCA latest material.

Linux Foundation Prometheus Certified Associate Exam Sample Questions (Q43-Q48):

NEW QUESTION # 43

How can you send metrics from your Prometheus setup to a remote system, e.g., for long-term storage?

- A. With "remote write"
- B. With "federation"
- C. With "scraping"
- D. With S3 Buckets

Answer: A

Explanation:
Prometheus provides a feature called Remote Write to transmit scraped and processed metrics to an external system for long-term storage, aggregation, or advanced analytics. When configured, Prometheus continuously pushes time series data to the remote endpoint defined in the remote_write section of the configuration file.
This mechanism is often used to integrate with long-term data storage backends such as Cortex, Thanos, Mimir, or InfluxDB, enabling durable retention and global query capabilities beyond Prometheus's local time series database limits.
In contrast, "scraping" refers to data collection from targets, while "federation" allows hierarchical Prometheus setups (pulling metrics from other Prometheus instances) but does not serve as long-term storage. Using "S3 Buckets" directly is also unsupported in native Prometheus configurations.
Reference:
Extracted and verified from Prometheus documentation - Remote Write/Read APIs and Long-Term Storage Integrations sections.

NEW QUESTION # 44
Which PromQL expression computes the rate of API Server requests across the different cloud providers from the following metrics?
apiserver_request_total{job="kube-apiserver", instance="192.168.1.220:6443", cloud="aws"} 1
apiserver_request_total{job="kube-apiserver", instance="192.168.1.121:6443", cloud="gcloud"} 5

- A. sum by (cloud)(rate(apiserver_request_total{job="kube-apiserver"}[5m]))
- B. sum by (cloud) (apiserver_request_total{job="kube-apiserver"})
- C. rate(apiserver_request_total{job="kube-apiserver"}[5m]) by (cloud)
- D. rate(sum by (cloud)(apiserver_request_total{job="kube-apiserver"})[5m])

Answer: A

Explanation:
The rate() function computes the per-second increase of a counter metric over a specified range, while sum by (label) aggregates those rates across dimensions - in this case, the cloud label.
The correct query is:
sum by (cloud)(rate(apiserver_request_total{job="kube-apiserver"}[5m])) This expression:
Calculates the rate of increase in API requests per second for each instance.
Groups and sums those rates by cloud, giving the total request rate per cloud provider.
Option A incorrectly places by (cloud) after rate(), which is not valid syntax.
Option B returns raw counter totals (not rates).
Option D incorrectly applies rate() after aggregation, which distorts the calculation since rate() must operate on individual time series before aggregation.
Reference:
Verified from Prometheus documentation - rate() Function, Aggregation Operators, and Querying Counters Across Labels sections.

NEW QUESTION # 45
What is the maximum number of Alertmanagers that can be added to a Prometheus instance?

- A. 0
- B. 1
- C. 2
- D. More than 3

Answer: D

Explanation:

Prometheus supports integration with multiple Alertmanager instances for redundancy and high availability. The alerting section of the Prometheus configuration file (prometheus.yml) allows specifying a list of Alertmanager targets, enabling Prometheus to send alerts to several Alertmanager nodes simultaneously.
There is no hard-coded limit on the number of Alertmanagers that can be added. The typical best practice is to run a minimum of three Alertmanagers in a clustered setup to achieve fault tolerance and ensure reliable alert delivery, but Prometheus can be configured with more than three if desired.
Each Alertmanager node in the cluster communicates state information (active, silenced, inhibited alerts) with its peers to maintain consistency.
Reference:
Verified from Prometheus documentation - Alertmanager Integration, High Availability Setup, and Prometheus Configuration - alerting Section.

NEW QUESTION # 46
Given the metric prometheus_tsdb_lowest_timestamp_seconds, how do you know in which month the lowest timestamp of your Prometheus TSDB belongs?

- A. month(prometheus_tsdb_lowest_timestamp_seconds)
- B. (time() - prometheus_tsdb_lowest_timestamp_seconds) / 86400
- C. prometheus_tsdb_lowest_timestamp_seconds % month
- D. format_date(prometheus_tsdb_lowest_timestamp_seconds,"%M")

Answer: B

Explanation:
The metric prometheus_tsdb_lowest_timestamp_seconds provides the oldest stored sample timestamp in Prometheus's local TSDB (in Unix epoch seconds). To determine the age or approximate date of this timestamp, you compare it with the current time (using time() in PromQL).
The expression:
(time() - prometheus_tsdb_lowest_timestamp_seconds) / 86400
converts the difference between the current time and the oldest timestamp from seconds into days (1 day = 86,400 seconds). This gives the number of days since the earliest sample was stored, allowing you to infer the time range and approximate month manually.
The other options are invalid because PromQL does not support direct date formatting (format_date) or month() extraction functions.
Reference:
Extracted and verified from Prometheus documentation - TSDB Internal Metrics, Time Functions in PromQL, and Using time() for Relative Calculations.

NEW QUESTION # 47
Which Prometheus component handles service discovery?

- A. Node Exporter
- B. Alertmanager
- C. Pushgateway
- D. Prometheus Server

Answer: D

Explanation:
The Prometheus Server is responsible for service discovery, which identifies the list of targets to scrape. It integrates with multiple service discovery mechanisms such as Kubernetes, Consul, EC2, and static configurations.
This allows Prometheus to automatically adapt to dynamic environments without manual reconfiguration.

NEW QUESTION # 48
.....

Adapt to the network society, otherwise, we will take the risk of being obsoleted. Our PCA qualification test help improve your technical skills and more importantly, helping you build up confidence to fight for a bright future in tough working environment. Our

professional experts devote plenty of time and energy to developing the PCA Study Tool. You can trust us and let us be your honest cooperator in your future development. Here are several advantages about our PCA exam for your reference.

PCA Latest Exam Fee: https://www.prepawayete.com/Linux-Foundation/PCA-practice-exam-dumps.html

A lot of professional experts concentrate to making our PCA preparation materials by compiling the content so they have gained reputation in the market for their proficiency and dedication, Although it is difficult to pass the PCA exam, the PCA useful study vce will make you easy to pass your exam, Our PCA exam materials are best suited to busy specialized who can learn in their seemly timings.

It's just like doing business in a small town, where Trusted PCA Exam Resource reputation is forever, Newest knowledge points, A lot of professional experts concentrate to making our PCA preparation materials by compiling the content so they have gained reputation in the market for their proficiency and dedication.

100% Pass Quiz Linux Foundation - PCA - Perfect Prometheus Certified Associate Exam Exam Answers

Although it is difficult to pass the PCA Exam, the PCA useful study vce will make you easy to pass your exam, Our PCA exam materials are best suited to busy specialized who can learn in their seemly timings.

This career-oriented credential opens up vistas PCA of opportunities for you to many medium and large-sized organizations, They check and verified the answers of all PCA exam questions thoroughly and ensure the top standard of PCA exam questions.

- Pass Guaranteed 2026 Linux Foundation PCA: Perfect Prometheus Certified Associate Exam Exam Answers □ Easily obtain ☀ PCA □☀□ for free download through ➠ www.practicevce.com □ □Test PCA Preparation
- Pass Guaranteed 2026 Linux Foundation PCA: Perfect Prometheus Certified Associate Exam Exam Answers □ Open website “ www.pdfvce.com ” and search for “ PCA ” for free download □PCA Valid Exam Sims
- PCA Exam Collection Pdf □ Hottest PCA Certification □ New PCA Dumps Files □ Simply search for 【 PCA 】 for free download on ✔ www.pdfdumps.com □✔□ □Pdf PCA Dumps
- Test PCA Preparation □ Exam Dumps PCA Demo □ New PCA Dumps Files □ Easily obtain free download of ▸ PCA ◂ by searching on □ www.pdfvce.com □ □Exam PCA Overview
- Pass Guaranteed 2026 Linux Foundation PCA: Perfect Prometheus Certified Associate Exam Exam Answers □ Search for □ PCA □ and download exam materials for free through ➽ www.vce4dumps.com □ □New PCA Exam Pattern
- New PCA Dumps Files □ PCA Reliable Exam Question □ Latest PCA Test Objectives □ ➥ www.pdfvce.com □ is best website to obtain ➥ PCA □ for free download □Exam Dumps PCA Demo
- PCA Valid Test Cost □ Pdf PCA Dumps □ New PCA Dumps Files □ Search on [www.easy4engine.com] for （ PCA ） to obtain exam materials for free download □Pdf PCA Dumps
- Linux Foundation PCA Exam Dumps - Smart Way To Pass Exam □ “ www.pdfvce.com ” is best website to obtain □ PCA □ for free download □PCA Reliable Exam Question
- Quiz Linux Foundation - PCA - Efficient Prometheus Certified Associate Exam Exam Answers □ Easily obtain free download of 【 PCA 】 by searching on ➤ www.dumpsquestion.com □ □Valid Braindumps PCA Files
- PCA - Pass-Sure Prometheus Certified Associate Exam Exam Answers □ Search for □ PCA □ and easily obtain a free download on 「 www.pdfvce.com 」 □Valid Braindumps PCA Files
- Pass Guaranteed 2026 Linux Foundation Latest PCA Exam Answers ✔□ Enter “ www.verifieddumps.com ” and search for { PCA } to download for free □Latest PCA Test Objectives
- www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, shikhboanayase.com, 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, www.stes.tyc.edu.tw, Disposable vapes

BONUS!!! Download part of PrepAwayETE PCA dumps for free: https://drive.google.com/open?id=1n26jzKko5IQ-qCLbOUlaqhFYE1c2smDM