# PCA Test Questions Fee & PCA Exam Answers

## PCA Test Questions with Correct Answers
## 100% Verified 2025/2026

being responsible for one's actions and the actions of others.

A) responsibility

B) taking action

C) accountability - Correct Answer Accountability

a patient should be encourage by the PCA to TCDB every _____ hours postoperatively

A) one

B) two

C) four - Correct Answer two

dirty linens are placed in what color bags

A) black

B) green

C) red - Correct Answer green

urine collected from patient in the middle of urination.

A) collection

B) midstream

C) urinating - Correct Answer midstream

a low sodium diet is a restriction in _____ intake

A) salt

B) water

C) food - Correct Answer salt

P.S. Free & New PCA dumps are available on Google Drive shared by PrepAwayTest: https://drive.google.com/open?id=1H0p4oRVKsbI44d7KoIBGTq1_MoXkCsLd

As long as you can form a positive outlook, which can aid you to realize your dreams through your constant efforts. Then our PCA learning questions will aid you to regain confidence and courage. So you will never regret to choose our PCA Study Materials. And we have help numerous of our customers achieved their dreams and live a better life. Just browser our websites and choose a suitable PCA practice guide for you.

## Linux Foundation PCA Exam Syllabus Topics:

| Topic | Details |
|---|---|
| Topic 1 | • PromQL: This section of the exam measures the skills of Monitoring Specialists and focuses on Prometheus Query Language (PromQL) concepts. It covers data selection, calculating rates and derivatives, and performing aggregations across time and dimensions. Candidates also study the use of binary operators, histograms, and timestamp metrics to analyze monitoring data effectively, ensuring accurate interpretation of system performance and trends. |

| | |
|---|---|
| Topic 2 | • Alerting and Dashboarding: This section of the exam assesses the competencies of Cloud Operations Engineers and focuses on monitoring visualization and alert management. It covers dashboarding basics, alerting rules configuration, and the use of Alertmanager to handle notifications. Candidates also learn the core principles of when, what, and why to trigger alerts, ensuring they can create reliable monitoring dashboards and proactive alerting systems to maintain system stability. |
| Topic 3 | • Prometheus Fundamentals: This domain evaluates the knowledge of DevOps Engineers and emphasizes the core architecture and components of Prometheus. It includes topics such as configuration and scraping techniques, limitations of the Prometheus system, data models and labels, and the exposition format used for data collection. The section ensures a solid grasp of how Prometheus functions as a monitoring and alerting toolkit within distributed environments. |
| Topic 4 | • Instrumentation and Exporters: This domain evaluates the abilities of Software Engineers and addresses the methods for integrating Prometheus into applications. It includes the use of client libraries, the process of instrumenting code, and the proper structuring and naming of metrics. The section also introduces exporters that allow Prometheus to collect metrics from various systems, ensuring efficient and standardized monitoring implementation. |
| Topic 5 | • Observability Concepts: This section of the exam measures the skills of Site Reliability Engineers and covers the essential principles of observability used in modern systems. It focuses on understanding metrics, logs, and tracing mechanisms such as spans, as well as the difference between push and pull data collection methods. Candidates also learn about service discovery processes and the fundamentals of defining and maintaining SLOs, SLAs, and SLIs to monitor performance and reliability. |

**>> PCA Test Questions Fee <<**

# PCA Exam Answers | Practice PCA Mock

For the Prometheus Certified Associate Exam (PCA) web-based practice exam no special software installation is required. because it is a browser-based Prometheus Certified Associate Exam (PCA) practice test. The web-based Prometheus Certified Associate Exam (PCA) practice exam works on all operating systems like Mac, Linux, iOS, Android, and Windows. In the same way, IE, Firefox, Opera and Safari, and all the major browsers support the web-based Linux Foundation PCA Practice Test.

# Linux Foundation Prometheus Certified Associate Exam Sample Questions (Q15-Q20):

**NEW QUESTION # 15**
What's "wrong" with the myapp_filG_uploads_total{userid=,,5123",status="failed"} metric?

- A. The status should not be exposed as a label.
- B. The _total suffix should be omitted.
- C. The userid should not be exposed as a label.
- D. The metric name should consist of dashes instead of underscores.

**Answer: C**

Explanation:
In Prometheus best practices, high-cardinality labels-especially those containing unique or user-specific identifiers-should be avoided. The metric myapp_filG_uploads_total{userid="5123",status="failed"} exposes the userid as a label, which is problematic. Each distinct value of a label generates a new time series in Prometheus. If there are thousands or millions of unique users, this would exponentially increase the number of time series, leading to cardinality explosion, degraded performance, and high memory usage. The _total suffix is actually correct and required for counters, as per the Prometheus naming convention. The use of underscores in metric names is also correct, as Prometheus does not support dashes in metric identifiers. The status label, however, is perfectly valid because it typically has a low number of possible values (e.g., "success", "failed").
Reference:
Verified from Prometheus official documentation sections Instrumentation - Metric and Label Naming Best Practices and Writing Exporters.

**NEW QUESTION # 16**

What should you do with counters that have labels?

- A. Save their state between application runs so you can restore their last value on startup.
- B. Instantiate them with their possible label values when creating them so they are exposed with a zero value.
- C. Investigate if you can move their label value inside their metric name to limit the number of labels.
- D. Make sure every counter with labels has an extra counter, aggregated, without labels.

**Answer: B**

Explanation:
Prometheus counters with labels can cause missing time series in queries if some label combinations have not yet been observed. To ensure visibility and continuity, the recommended best practice is to instantiate counters with all expected label values at application startup, even if their initial value is zero.
This ensures that every possible labeled time series is exported consistently, which helps when dashboards or alerting rules expect the presence of those series. For example, if a counter like http_requests_total{method="POST",status="200"} has not yet received a POST request, initializing it with a zero ensures it is still exposed.
Option A is incorrect - label values should never be encoded into metric names.
Option B adds redundancy and does not solve the initialization issue.
Option D is discouraged; counters should reset naturally upon restart, reflecting Prometheus's ephemeral metric model.
Reference:
Verified from Prometheus documentation - Instrumentation Best Practices, Counters with Labels, and Avoid Missing Time Series by Initializing Metrics.

**NEW QUESTION # 17**

How would you name a metric that measures gRPC response size?

- A. grpc_response_size_total
- B. grpc_response_size_bytes
- C. grpc_response_size
- D. grpc_response_size_sum

**Answer: B**

Explanation:
Following Prometheus's metric naming conventions, every metric should indicate:
What it measures (the quantity or event).
The unit of measurement in base SI units as a suffix.
Since the metric measures response size, the base unit is bytes. Therefore, the correct and compliant metric name is:
grpc_response_size_bytes
This clearly communicates that it measures gRPC response payload sizes expressed in bytes.
The _bytes suffix is the Prometheus-recommended unit indicator for data sizes. The other options violate naming rules:
_total is reserved for counters.
_sum is used internally by histograms or summaries.
Omitting the unit (grpc_response_size) is discouraged, as it reduces clarity.
Reference:
Extracted and verified from Prometheus documentation - Metric Naming Conventions, Instrumentation Best Practices, and Standard Units for Size and Time Measurements.

**NEW QUESTION # 18**

Which metric type uses the delta() function?

- A. Histogram
- B. Gauge
- C. Info
- D. Counter

**Answer: B**

Explanation:
The delta() function in PromQL calculates the difference between the first and last samples in a range vector over a specified time window. This function is primarily used with gauge metrics, as they can move both up and down, and delta() captures that net change directly.
For example, if a gauge metric like node_memory_Active_bytes changes from 1000 to 1200 within a 5-minute window, delta(node_memory_Active_bytes[5m]) returns 200.
Unlike rate() or increase(), which are designed for monotonically increasing counters, delta() is ideal for metrics representing resource levels, capacities, or instantaneous measurements that fluctuate over time.
Reference:
Verified from Prometheus documentation - PromQL Range Functions - delta(), Gauge Semantics and Usage, and Comparing delta() and rate() sections.

# NEW QUESTION # 19
What Prometheus component would you use if targets are running behind a Firewall/NAT?

- A. Pull Gateway
- B. HA Proxy
- C. PushProx
- D. Pull Proxy

**Answer: C**

Explanation:
When Prometheus targets are behind firewalls or NAT and cannot be reached directly by the Prometheus server's pull mechanism, the recommended component to use is PushProx.
PushProx works by reversing the usual pull model. It consists of a PushProx Proxy (accessible by Prometheus) and PushProx Clients (running alongside the targets). The clients establish outbound connections to the proxy, which allows Prometheus to "pull" metrics indirectly. This approach bypasses network restrictions without compromising the Prometheus data model.
Unlike the Pushgateway (which is used for short-lived batch jobs, not network-isolated targets), PushProx maintains the Prometheus "pull" semantics while accommodating environments where direct scraping is impossible.
Reference:
Verified from Prometheus documentation and official PushProx design notes - Monitoring Behind NAT/Firewall, PushProx Overview, and Architecture and Usage Scenarios sections.

# NEW QUESTION # 20
......

The experts in our company have been focusing on the PCA examination for a long time and they never overlook any new knowledge. The content of our PCA study materials has always been kept up to date. We will inform you by E-mail when we have a new version. With our great efforts, our PCA practice dumps have been narrowed down and targeted to the PCA examination. We can ensure you a pass rate as high as 99%!

**PCA Exam Answers**: https://www.prepawaytest.com/Linux-Foundation/PCA-practice-exam-dumps.html

- PCA Reliable Test Vce 🔲 PCA Intereactive Testing Engine 🔲 Latest PCA Test Notes 🔲 Simply search for " PCA " for free download on " www.testkingpass.com " 🏵PCA Practical Information
- PCA Reliable Test Vce 🔲 PCA Formal Test 🔲 Valid Exam PCA Practice 🔲 Search for { PCA } and download exam materials for free through 【 www.pdfvce.com 】 🔲PCA Reliable Test Vce
- Pass-Sure Linux Foundation - PCA - Prometheus Certified Associate Exam Test Questions Fee Ⓜ Open website [ www.examdiscuss.com ] and search for ► PCA ◄ for free download 🔲PCA Reliable Test Vce
- Professional PCA Test Questions Fee - Pass PCA Exam 🔲 Easily obtain （ PCA ） for free download through 🔲 www.pdfvce.com 🔲 🔲Valid Exam PCA Practice
- PCA Test Assessment 🔲 PCA Intereactive Testing Engine 🔲 Exam PCA Forum 🔲 Easily obtain free download of ✔ PCA 🔲✔ 🔲 by searching on 🔲 www.practicevce.com 🔲 🔲Test PCA Assessment
- PCA Test Cram Pdf 🔲 Reliable PCA Dumps Questions 🔲 Cheap PCA Dumps 🔲 Open website " www.pdfvce.com " and search for [ PCA ] for free download 🔲Test PCA Assessment
- Test PCA Assessment 🔲 Reliable PCA Dumps Questions 🔲 PCA Practical Information 🔲 Enter ▷

www.examcollectionpass.com◁ and search for ✔ PCA □✔□ to download for free □Pass PCA Test Guide

- Pass PCA Test Guide □ Exam PCA Forum □ Valid Test PCA Braindumps □ Search on ➡ www.pdfvce.com □□□ for ➡ PCA □□□ to obtain exam materials for free download □PCA Reliable Test Voucher
- New PCA Test Questions Fee | Efficient Linux Foundation PCA: Prometheus Certified Associate Exam 100% Pass □ Enter □ www.pass4test.com □ and search for ➡ PCA □ to download for free □Download PCA Free Dumps
- PCA Formal Test □ Latest PCA Test Notes □ PCA Test Cram Pdf □ Search for ⇒ PCA ⇐ and download exam materials for free through [ www.pdfvce.com ] □PCA Practical Information
- PCA Test Cram Pdf □ PCA Practical Information □ PCA Reliable Test Vce ✉ Search for ➡ PCA □□□ and easily obtain a free download on ➤ www.testkingpass.com □ □PCA Valid Exam Camp Pdf
- www.stes.tyc.edu.tw, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, 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.competize.com, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, Disposable vapes

2026 Latest PrepAwayTest PCA PDF Dumps and PCA Exam Engine Free Share: https://drive.google.com/open?id=1H0p4oRVKsbI44d7KoIBGTq1_MoXkCsLd