

New IBM C1000-189 Exam Answers & Authorized C1000-189 Exam Dumps



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We provide you with the latest prep material which is according to the content of IBM C1000-189 certification exam and enhances your knowledge to crack the test. ExamsTorrent practice material is made by keeping in focus all the sections of the current syllabus. Our primary objective is to provide you with IBM Instana Observability v1.0.277 Administrator - Professional (C1000-189) actual questions to complete preparation for the test in few days. Our product includes IBM Instana Observability v1.0.277 Administrator - Professional real questions, desktop practice test software, and web-based practice exam. Keep reading to find out what are the specifications of these formats.

IBM C1000-189 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• Installation: This section of the exam measures the skills of System Implementation Specialists and focuses on installing and deploying Instana across different environments. It includes installing the Instana backend, deploying and configuring agents, and migrating existing Instana setups. Candidates will also demonstrate their ability to implement Synthetic Monitoring and manage Points of Presence (PoPs) effectively for end-to-end performance validation.
Topic 2	<ul style="list-style-type: none">• Security and Compliance: This section of the exam measures the skills of IT Security Analysts and focuses on the data protection and compliance aspects of Instana deployment. Candidates must describe and implement data retention policies, plan for regulatory compliance, secure APIs, manage user access, and interpret audit logs. The goal is to ensure secure system configurations that align with organizational and regulatory standards.

Topic 3	<ul style="list-style-type: none"> • Configuration: This section of the exam measures the skills of DevOps Administrators and evaluates their ability to configure and optimize Instana operational settings. It involves setting up business process monitoring, configuring both cloud and serverless agents, and defining agent proxy parameters. Candidates will learn to implement various technologies and sensors, manage OpenTelemetry integrations, set up smart alerts, create service naming rules, and define custom SLIs and payloads for alert channels. Managing licenses and ensuring proper configuration of alerts and notifications are also key components of this domain.
Topic 4	<ul style="list-style-type: none"> • Planning: This section of the exam measures the skills of Cloud Monitoring Engineers and covers the foundational planning tasks required for successful Instana deployment. Candidates must understand the installation prerequisites, the architectural design of Instana for on-premises environments, and the platform core capabilities and use cases. It also assesses knowledge of different agent modes, supported sensors and tracers, and the distinctions between cloud service agents and serverless agents essential for scalable implementation.
Topic 5	<ul style="list-style-type: none"> • Operations: This section of the exam measures the skills of Application Monitoring Specialists and covers daily operational tasks for managing Instana environments. It includes configuring website and application monitoring, handling synthetic monitoring, and creating incidents, issues, and alerts. Candidates will analyze infrastructure performance, set maintenance windows, and design custom dashboards. They are also expected to interpret golden signals, evaluate alerts, use analytics, and perform backup or restore operations to maintain optimal system performance.

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IBM Instana Observability v1.0.277 Administrator - Professional Sample Questions (Q28-Q33):

NEW QUESTION # 28

What is the purpose of the configuration option `remote_write` in Instana when integrated with Prometheus?

- A. To configure remote access to Instana
- B. To display metrics as either a Prometheus Entity or part of the Process Custom Metrics
- C. To write data to Prometheus
- D. To display metrics as only a Prometheus Entity

Answer: B

Explanation:

IBM Instana integrates natively with Prometheus to unify metric ingestion without disrupting existing telemetry setups. The configuration parameter `remote_write` enables this linkage. The official documentation states: "The `remote_write` configuration enables Prometheus to send data to Instana, where those metrics are displayed either as Prometheus entities or merged into process custom metrics." Instead of storing them only within Prometheus, Instana pulls `remote_write` relay feeds to create comprehensive, unified metrics views in its dashboard. This approach avoids duplicate monitoring systems and allows alerting across both Prometheus and Instana data seamlessly. The parameter does not configure outbound writing by Instana back into Prometheus-data always flows from Prometheus to Instana in this architecture. This integration respects Prometheus scraping principles yet centralizes analysis within Instana, achieving correlation between imported numerical time-series values and native metrics at the application or process layer.

NEW QUESTION # 29

When are issues or incidents triggered in Instana while using .Net sensor?

- A. When a sensor goes offline
- **B. Based on failing health signatures or custom metric thresholds**
- C. When a user logs in
- D. During regular maintenance

Answer: B

Explanation:

Instana triggers Issues and Incidents based on dynamic health signatures and custom metric thresholds established for .NET applications. The official documentation clarifies: "Issues are generated automatically when health signatures fail or when custom metric thresholds are breached for .NET sensors, indicating performance or reliability degradation." This includes transaction latency, error rates, resource exhaustion, or process failure detection. Health signatures are built-in, algorithmic checks using expected baselines and historical data. Custom thresholds may be established by users for business-specific metrics (e.g., request time or throughput), further enriching early warning detection. Offline sensors or regular maintenance only lead to downtime or muted alerts, not issues/incidents. User logins reflect authentication flow monitoring and do not prompt system-wide issues in Instana's event model unless login failure ties to health impacts.

NEW QUESTION # 30

Which statement correctly describes the usage and migration options for the Self-Hosted Standard Edition?

- A. It is not intended for new installations, only for upgrades from the Self-Hosted Classic Edition.
- B. It can be used for both new installations and upgrades from any edition.
- C. It is only for new installations, but data can be migrated from a Self-Hosted Classic Edition.
- **D. It does not support data migration from the Self-Hosted Classic Edition.**

Answer: D

Explanation:

IBM's product migration matrix for Instana confirms strict usage boundaries between different self-hosted editions. The documentation clarifies: "Instana Self-Hosted Standard Edition does not support migration of data from the Self-Hosted Classic Edition." Each edition uses different architectural components, storage formats, and telemetry databases. Therefore, upgrading from Classic to Standard Edition requires a fresh install, without direct movement of monitoring history or historical configuration. Upgrades are only supported within the same product branch, ensuring compatibility and stability. Attempting migration from the Classic Edition is unsupported and risks operational deviation. Standard Edition can be newly installed but not upgraded from the Classic base, as per IBM's verified change and upgrade path guidance.

NEW QUESTION # 31

How can OTLP be enabled?

- **A. Using Helm**
- B. In the params.yaml
- C. By configuring multiple tracers
- D. In the settings.hcl

Answer: A

Explanation:

OTLP (OpenTelemetry Protocol) enables modern, standards-based telemetry with Instana for traces and metrics. The official IBM Instana documentation explains that enabling OTLP support should be done during installation or upgrade via Helm, using either values set in a YAML file or via the --set command line argument. This method is described as, "To enable OTLP, use Helm with the provided chart and set OTLP values in your values.yaml or with the --set flag." Helm automation allows administrators to easily manage, update, and version-control agent and collector configuration at scale-especially in Kubernetes environments. It is favored because it is compatible with Instana's operator and dynamic config approaches. Manual edits in settings.hcl or params.yaml are not recommended or officially documented for enabling OTLP streams. Multiple tracers relate to instrumentation and are not for enabling the protocol itself. Using Helm provides a streamlined, repeatable and supported approach - per IBM Instana deployment best practices.

NEW QUESTION # 32

Which tool does Instana use to provide geographical data by mapping user IP addresses?

- A. GeoLite2 database
- B. Universal Geo database
- C. Google Maps API
- D. Geo Application Service

Answer: A

Explanation:

IBM Instana leverages the open-source and widely recognized GeoLite2 database for mapping user IP addresses to their approximate physical locations in synthetic and real user monitoring scenarios. The documentation details: "Instana provides geographical and location metadata based on the GeoLite2 database, which is regularly updated for improved accuracy and privacy compliance." GeoLite2 is a MaxMind-developed database providing country, city, region, and sometimes ISP-level information from IP addresses. Using an on-premise and regularly-curated geo database ensures no end-user data is ever transmitted to external or third-party web mapping services (such as Google Maps), maintaining strong data privacy and compliance for enterprise customers. Other listed tools are not native to Instana's geo lookup implementation.

NEW QUESTION # 33

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