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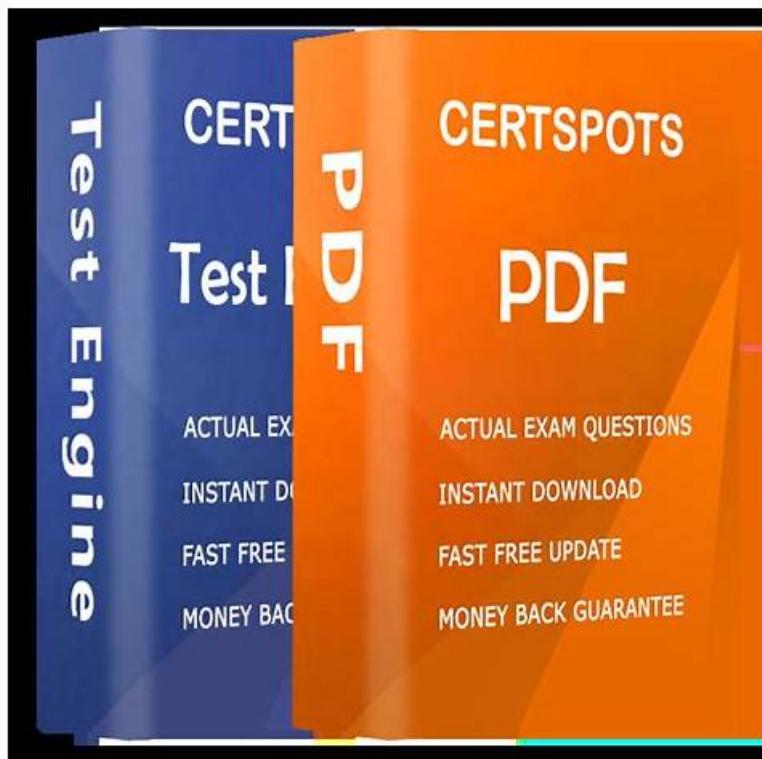
It is browser-based; therefore no need to install it, and you can start practicing for the IBM Instana Observability v1.0.277 Administrator - Professional (C1000-189) exam by creating the IBM C1000-189 practice test. You don't need to install any separate software or plugin to use it on your system to practice for your actual IBM Instana Observability v1.0.277 Administrator - Professional (C1000-189) exam. DumpStillValid IBM Instana Observability v1.0.277 Administrator - Professional (C1000-189) web-based practice software is supported by all well-known browsers like Chrome, Firefox, Opera, Internet Explorer, etc.

IBM C1000-189 Exam Syllabus Topics:

Topic	Details
Topic 1	• 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 2	• 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 3	• Troubleshooting: This section of the exam measures the skills of System Support Engineers and focuses on resolving technical and operational issues in Instana. It includes configuring log levels, collecting logs for debugging, and identifying connectivity issues between agents and the backend. Candidates will troubleshoot installation failures, diagnose communication problems, and apply corrective measures to ensure consistent Instana performance and stability across environments.

Topic 4	• Integration: This section of the exam measures the skills of Integration Engineers and assesses their proficiency in connecting Instana with external monitoring and automation tools. Candidates must demonstrate knowledge of integrating agent-based systems such as Omegamon, ITM, and ITCAM, as well as external platforms like Prometheus and Grafana. The section also includes configuring alert channels, automation actions, and utilizing the Instana REST API to support customized workflows and data visibility.
Topic 5	• 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.

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IBM Instana Observability v1.0.277 Administrator - Professional Sample Questions (Q38-Q43):

NEW QUESTION # 38
Which two steps are performed in preparation for migrating from a self-hosted single-node deployment to a multi-node deployment of Instana?

- A. On all the three nodes, configure Docker.
- B. On all the three hosts, configure private IP addresses.
- C. Delete the disks from old host and move them to new host.
- D. Start the self-hosted Standard Edition on the current host.
- E. On the two new hosts, make sure to check the Kernel parameters.

Answer: B,E

Explanation:
IBM's migration process for Instana specifies steps requisite for a successful transition from single-node to multi-node deployment. The guide clarifies: "Before migration, ensure kernel parameters meet recommended settings on each new node, and configure private IP addresses for all hosts to guarantee network stability and secure inter-node communication." Kernel parameter adjustment (C) involves tuning system limits and TCP behavior for high-availability performance. Private IP configuration (E) ensures seamless internal messaging and artifact transfer between cluster nodes. Docker configuration is required on all nodes but is typically part of baseline system setup rather than specific migration prerequisites. Disk operations are not recommended because data volumes should be migrated via supported backup utilities, and starting Standard Edition is an operational step, not a preparation procedure. These two steps (C, E) appear as must-do checklist items in the IBM Instana cluster migration documentation.

NEW QUESTION # 39
What is mandatory to use Instana REST APIs?

- A. Python
- B. Cookie
- C. CURL
- D. Token

Answer: D

Explanation:
Access to Instana's REST API is secured using authorization tokens-an industry-standard best practice for API authentication and traceability. IBM documentation says: "A personal or team API token is required to authenticate REST API calls." Tokens serve as credentials embedded in HTTP headers on each request, providing both identity and access control for the API consumer. Tokens are mandatory; without a valid token, any API requests are denied with a 401 Unauthorized error, regardless of whether a tool (such as CURL) is used. Tokens can be scoped for individual users (personal tokens) or teams (team tokens), enabling granular tracking and revocation as part of enterprise security policies. API tokens are generated from the Instana UI under the profile or team section. Cookies and raw client libraries (e.g., Python) are not authentication methods for Instana APIs.

NEW QUESTION # 40
How can an administrator collect initial troubleshooting information in self-hosted Standard Edition?

- A. stanctl collect
- B. stanctl debug
- C. stanctl trace
- D. stanctl must-gather

Answer: D

Explanation:
Administrators managing self-hosted Standard Edition clusters can generate diagnostic bundles using the verified IBM command stanctl must-gather. The documentation specifies: "The 'stanctl must-gather' command collects logs, configuration files, and relevant diagnostic output from all components for analysis and support submission." This standardized data-collection utility aggregates information across microservices and stores it into an archive for troubleshooting. Other commands (trace, debug, collect) serve specific functions but do not generate the comprehensive support package expected by IBM Support. Must-gather ensures inclusion of system status, resource snapshots, and error contexts, effectively accelerating issue resolution. This feature parallels other IBM products' must-gather standards, ensuring consistent methodology for customer support cases and automated diagnostics workflow.

NEW QUESTION # 41
Which statement accurately describes the use of the agent key?

- A. It is used for both downloading Instana artifacts and deploying an instance.
- B. It is used only for deploying an instance.
- C. It is not included in the purchase email and must be obtained separately.
- D. It is required only for downloading the license.

Answer: A

Explanation:
The IBM Instana Observability product architecture uses a security credential called an agent key for authentication and authorization in both installation and deployment operations. The documentation explicitly affirms: "The agent key must be used for downloading Instana installation artifacts from IBM repositories as well as for deploying agents to connect to the backend." This binding ensures entitlement enforcement and integrity of data transfer. The key, distributed through official IBM entitlement channels or purchase confirmation emails, validates the customer's licensed environment. During deployment, the same key is included in configuration files or environment variables so that each agent securely authenticates to its assigned backend instance. This unified mechanism simplifies lifecycle management while maintaining strong license controls. The key is never generated manually nor limited to licensing download alone-its dual purpose makes it critical in both provisioning and operations stages.

NEW QUESTION # 42
Which responsibilities align with the DevOps persona in Instana and how does it assist in fulfilling these responsibilities?

- A. Developing new microservices and applications without worrying about infrastructure provisioning
- B. Managing on-premises IT infrastructure performance and optimization
- C. Configuring infrastructure dependencies to ensure smooth application deployment
- D. Ensuring application stability and security by automating alerting, incident mitigation, and monitoring configuration data updates

Answer: D

Explanation:
Instana documentation differentiates user personas, with the DevOps role centered on continuous improvement, automation, and reliability engineering. The IBM guide specifies: "DevOps roles use Instana to ensure application stability and security through automated alerting, incident management workflows, and adaptive configuration updates." Instana assists DevOps teams by detecting anomalies immediately through Smart Alerts, contextual health signatures, and automated remediation routines (via actions or webhooks). These functions align with Site Reliability Engineering practices, aiming to ensure service quality while enforcing rapid feedback loops. Automated configuration data updates synchronize agent sensors and dependencies without manual intervention, supporting faster CI/CD cycles. This differs from infrastructure or developer-focused responsibilities-here, emphasis is on achieving observability at scale for system operations. The integration of performance metrics, distributed tracing, and intelligent alerting allows DevOps teams to iterate on monitoring configurations alongside continuous deployment, keeping microservice systems stable under constant change.

NEW QUESTION # 43
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