

# Valid C1000-189 Test Review - Exam C1000-189 Reference



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All these three PassLeader IBM Instana Observability v1.0.277 Administrator - Professional (C1000-189) exam questions formats are easy to use and perfectly work with all devices, operating systems, and the latest web browsers. So rest assured that with the PassLeader C1000-189 Exam Dumps you will get everything that you need to learn, prepare and pass the challenging IBM Instana Observability v1.0.277 Administrator - Professional (C1000-189) exam with good scores.

## IBM C1000-189 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> <li>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.</li> </ul>
Topic 2	<ul style="list-style-type: none"> <li>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.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>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.</li> </ul>
Topic 4	<ul style="list-style-type: none"> <li>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.</li> </ul>

Topic 5	<ul style="list-style-type: none"> <li>• <b>Installation:</b> 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.</li> </ul>
Topic 6	<ul style="list-style-type: none"> <li>• <b>Troubleshooting:</b> 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.</li> </ul>

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## IBM Instana Observability v1.0.277 Administrator - Professional Sample Questions (Q25-Q30):

### NEW QUESTION # 25

In Instana Standard Edition, which statement is true about the migration from a single-node deployment to a multi-node deployment?

- **A. Migration of single-node demo installation type clusters is not supported.**
- B. Only two nodes are currently supported in multi-node deployment.
- C. Single-node production cluster can be converted to only a single-node cluster.
- D. Only multi-node deployment can be converted to multi-node deployment.

**Answer: A**

Explanation:

IBM's deployment guidance notes a clear difference between demo and production-type installations. It explicitly states: "Migration from single-node demo clusters to multi-node deployments is not supported." Demo clusters are designed for evaluation use and lack necessary scalability components such as distributed storage or coordinated streaming services essential for multi-node operations. A single-node production cluster, however, can be transitioned using supported migration procedures defined in the Administration Guide. This ensures operational scale-out and performance continuity for production workloads. Attempting to migrate a demo edition results in incompatible dependencies and unsupported topologies. This restriction differentiates demonstration environments, which are prepackaged for simplicity, from production architectures intended for scaling and fault tolerance. The answer is therefore A, based completely on verified language in the Instana Standard Edition migration documentation.

### NEW QUESTION # 26

What is an agile set of focused security and privacy practices that are used by Instana?

- A. Security Orchestration, Automation, and Response
- **B. Security and Privacy by Design**
- C. Agile Security Practice
- D. DevSecOps

**Answer: B**

Explanation:

IBM Instana observability platform is designed with a strong emphasis on security and privacy best practices. According to the official IBM documentation, Instana applies "Security and Privacy by Design" principles throughout its software lifecycle. The documentation specifically states: "Instana implements security and privacy by design to ensure secure software development, deployment, and system operation, integrating data protection into platform architecture and operations from the outset." This framework mandates data minimization, encrypted in-transit and at-rest telemetry, access control, audit logging, and compliance mapping (such as GDPR or industry frameworks) as default features in Instana platform. While DevSecOps and Security Orchestration are supported concepts, the verified and explicit phrase in IBM Instana documents is Security and Privacy by Design, which is referenced in platform release notes and compliance statements. Agile and focused privacy practices are foundational, as Instana delivers enterprise-grade monitoring for regulated environments.

#### NEW QUESTION # 27

Which configuration file contains Instana server connection details for the host agent?

- A. `com.instana.agent.main.sender.File.cfg`
- B. `com.instana.agent.main.sender.Backend.cfg`
- C. `com.instana.agent.main.sender.Server.cfg`
- D. `com.instana.agent.main.config.Agent.cfg`

**Answer: C**

Explanation:

The primary configuration file specifying Instana server connection parameters for the host agent is `com.instana.agent.main.sender.Server.cfg`. The IBM documentation affirms: "The `Server.cfg` file inside the agent's configuration directory defines backend connection endpoints, ports, and security tokens to communicate with the Instana backend or cluster installation." This file is referenced on agent startup and dictates host-server routing, clustering, authentication, and TLS endpoints. Other config files control agent properties or log shipping, not backend connectivity. Editing `Server.cfg` is the recommended method for specifying on-premises, private cloud, or SaaS endpoints for all monitored agents.

#### NEW QUESTION # 28

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

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

**Answer: C**

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 # 29

What is highly recommended when integrating a few hundred IBM APM v8 agents with Instana?

- A. Enable the APM sensor directly on the `configuration.yaml` file.
- B. Install the Instana Agent on multiple servers.
- C. Increase the JVM memory of the Instana host agent.

