CA Unified Infrastructure Management for Nutanix

At a Glance

CA Unified Infrastructure Management (CA UIM) for Nutanix is a sophisticated and flexible solution that delivers comprehensive, end-to-end performance and availability monitoring for Nutanix environments. CA UIM provides detailed quality-of-service metrics, service-centric insights and sophisticated alarms. With these capabilities, CA UIM delivers the insights you need to meet SLAs, boost uptime and control costs. With the solution, staff can use one platform to monitor Nutanix environments and a wide range of other cloud-based and on-premises systems, so internal teams don't have to learn and manage multiple monitoring tools.

Key Benefits/Results

- **Faster issue resolution**. Gain deep, actionable insights into Nutanix infrastructures and the services running on them, so your staff can spot and address issues faster.

- **Reduce cost and complexity**. Stop managing multiple monitoring tools, and use a single, unified solution for all your environments.

- **Optimize utilization**. Get actionable insights on your Nutanix infrastructure, so you can do more effective capacity planning.

Key Features

- **Comprehensive coverage**. Get performance metrics on all the key elements of your IT ecosystem, including Nutanix, cloud environments and traditional IT infrastructures.

- **Flexible dashboards**. Leverage pre-packaged dashboards to gain immediate, actionable insights, and create custom HTML dashboards for specific uses and users.

- **Predictive, intelligent alarms**. Identify issues proactively, and respond quickly and effectively, before the user experience suffers.

- **SLA and trend reports**. Track applications and service performance against SLAs and analyze historical data to find the root cause of issues and better plan for future capacity.

Business Challenges

Nutanix delivers an enterprise private cloud platform. This platform natively unifies computing, virtualization and storage in a resilient, software-defined solution. Nutanix provides cloud-like economics and agility, but with the security and reliability of on-premises solutions.

Given the critical workloads that run on Nutanix, ensuring efficient performance and high availability is vital. Consequently, proactive and efficient monitoring of these environments—including the platform, its components, and the applications and services running on the platform—is a critical requirement. IT teams need to maintain service levels, prevent disruptions, and, when issues do arise, resolve them rapidly.

In addition, it is important to establish a unified monitoring perspective of the entire IT ecosystem. The reality is that organizations are typically running a mix of Nutanix, cloud services and traditional infrastructures. To ensure end users receive an optimized experience, IT teams need to have a unified view that spans all these environments.

Solution Overview

CA Unified Infrastructure Management (CA UIM) for Nutanix allows your organization to proactively monitor your entire Nutanix environment. The solution offers monitoring insights into availability, performance, SLAs and the user experience. With CA UIM, your team can monitor performance of individual Nutanix elements, such as clusters, hosts or containers, and any applications or processes running in your Nutanix environment. By offering a single view into all these aspects, CA UIM can help your team more rapidly resolve issues.

CA UIM speeds your time to value, featuring pre-packaged monitoring templates, alarm thresholds, dashboards and SLA management reports. The solution's intelligent analytics provide you with actionable insights that help speed issue detection and resolution, and help you spot ways to pre-empt issues and institute tactics for ongoing optimization. CA UIM is more than just a Nutanix monitoring tool. The solution enables you to manage the performance of your Nutanix environment, and any other cloud services or on-premise technologies your business relies on—all through a single view and architecture. As a result, you can reduce the cost and complexity of using multiple tools, boost staff productivity and perform rapid root cause analysis across all your IT environments.

Critical Differentiators

Granular coverage for Nutanix: CA UIM provides comprehensive insights into your Nutanix environment and collects data about the health, availability and performance of Nutanix clusters, hosts, virtual machines, storage pools, containers and disk components.

Flexible dashboards: CA UIM provides immediate insights into your Nutanix environment, featuring out-of-the-box dashboards that present key metrics in an actionable format. You can also create custom HTML 5 dashboards to meet your unique needs.

Intelligent alarms: CA UIM offers sophisticated alarm functionality that promotes fast, effective response when issues arise. The solution offers dynamic thresholds that minimize false alarms and improve staff productivity. CA UIM also offers granular, automated alarm routing policies and integrates with leading service desk systems.

Robust, predictive analytics: With CA UIM, you can leverage predictive analytics capabilities that help you proactively identify issues before the user experience suffers. The solution presents a prioritized list of problems that represent situations administrators should watch.

Performance trending: CA UIM allows you to analyze historical Nutanix data, so you can better predict upcoming problems, perform root cause analysis and plan for future capacity needs.

CA UIM provides at-a-glance views of virtual machines in Nutanix environments.

Correlational analysis: With the solution's correlational analysis, you can identify and track relationships between performance variables and IT infrastructure elements (including Nutanix), and spot patterns over time.

SLA management: CA UIM features integrated capabilities that enable you to easily create reports and alarms on SLAs for your Nutanix infrastructure and related systems and services.

Open, flexible architecture and APIs: CA UIM allows you to deploy, extend and automate monitoring to meet the needs of today's highly dynamic hybrid IT environments.

Unified, multi-tenant solution: CA UIM supports both traditional data centers and newer virtualization and cloud environments. It provides out-of-the-box support for over 140 technologies, including Citrix, AWS and many more, which eliminates the need to integrate and manage multiple monitoring tools.

User experience monitoring: With the solution's integrated synthetic transaction monitoring capabilities, you can consistently measure end-user response times.

Open, flexible architecture and APIs: CA UIM enables you to efficiently deploy, extend and automate monitoring, so you can address the demands of today's hybrid, highly dynamic environments.

For more information, please visit **ca.com/uim**

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