

CA Unified Infrastructure Management for Microsoft Azure



At a Glance

With CA Unified Infrastructure Management (CA UIM) for Microsoft® Azure®, your IT teams can proactively and efficiently monitor service levels of the infrastructures and applications running in your Azure implementations. CA UIM delivers the insights you need to meet SLAs, boost uptime and control costs and usage. CA UIM can monitor Azure environments and a wide range of other cloud-based and on-premises systems, so IT teams don't have to learn and manage multiple monitoring tools. Further, the solution features capabilities that enable intuitive, rapid and efficient configuration and deployment.

Key Benefits/Results

- **Faster issue resolution.** Gain deep, actionable insights into your Azure implementation and services, so your staff can spot and address issues faster.
- **Reduce cost and complexity.** Leverage a unified solution for all of your cloud and on-premises implementations—so you can get end-to-end visibility and avoid having to manage multiple monitoring tools.
- **Optimize utilization.** Get insights on Azure utilization so you can do more-effective capacity and budget planning.

Key Features

- **Comprehensive and deep coverage.** Get metrics on performance and SLAs of key Azure resources, as well as traditional IT infrastructure and other cloud services.
- **Automatic discovery and template-based configuration.** Automatically discover resources and rapidly adapt to today's dynamic cloud and DevOps environments.
- **Flexible dashboards.** Leverage pre-packaged dashboards and create custom HTML dashboards tailored to the needs of specific users or teams.
- **Predictive, intelligent alarms.** Identify issues and respond quickly and effectively, before the user experience suffers.
- **SLA and trend reports.** Track performance against SLAs and analyze historical data to do better capacity planning.

Business Challenges

Azure is an open and flexible cloud platform that features an integrated and growing set of services, including computing and storage. By leveraging Azure, IT teams can significantly reduce the costs and effort associated with maintaining traditional, on-premises infrastructures.

However, it remains an imperative for IT teams to continue to track and manage performance and utilization of their Azure environments—or run the risk of incurring compromised service levels, wasting time and resources and ultimately eroding or negating the benefits of these cloud services. Many teams are finding it difficult to gain the unified visibility they need to understand, manage and tune performance and utilization in Azure. Beyond struggling with the time-consuming efforts required to architect, configure and implement disparate monitoring platforms, IT teams need to continue to administer and adapt these platforms to support their evolving requirements and implementations.

Solution Overview

With CA UIM, your organization can gain the insights needed to proactively monitor performance, optimize service levels and improve utilization of your Azure infrastructures and services. CA UIM offers the comprehensive coverage and granular intelligence that help your staff ensure smooth migrations when moving from on-premises implementations to cloud environments. The solution tracks key Azure services, offering visibility into availability, performance, SLAs and the user experience. By providing deep coverage of the applications and processes running in Azure environments, CA UIM can help your team rapidly find performance bottlenecks and better ensure reliability.

Designed for today's dynamic cloud and DevOps-centric environments, the solution provides intuitive capabilities that make it fast and efficient to configure and deploy monitoring in Azure and traditional IT infrastructures. CA UIM automatically discovers your Azure resources, even across different geographical locations, and provides easy-to-use templates for configuring the monitoring of these services. CA UIM delivers the intelligent alerts and predictive analytics that IT teams need to quickly identify and resolve issues. CA UIM also provides trend reports and analytics that provide actionable insights into capacity utilization, which is instrumental for effective planning and root cause analysis.

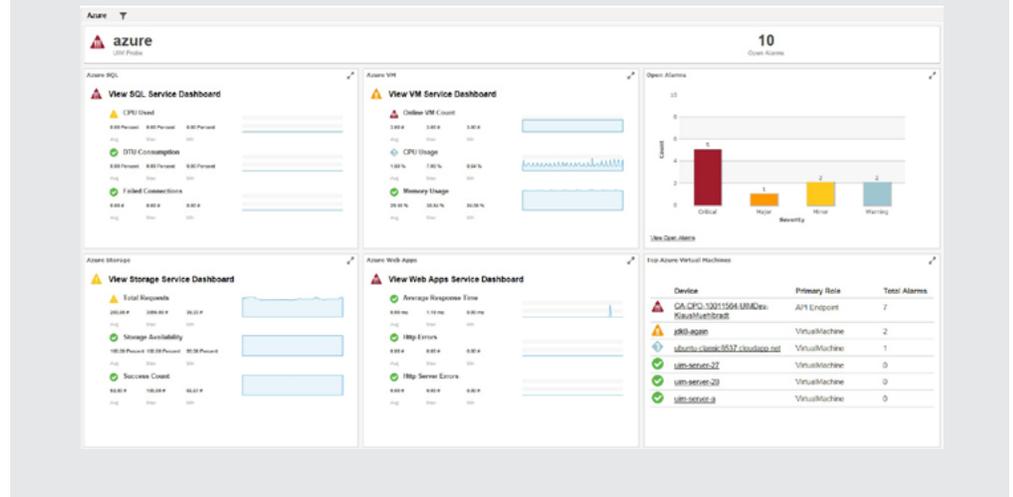
Critical Differentiators

Granular, comprehensive metrics: CA UIM can monitor both classic and Azure Resource Manager implementations. The solution's probes can gather data through a single authentication. CA UIM collects hundreds of relevant metrics across Azure environments, including resources, virtual machines (VMs), storage, SQL databases and applications.

Most comprehensive hybrid cloud and IT monitoring: CA UIM is much more than an Azure monitoring tool. CA UIM provides a solution for monitoring all elements across a heterogeneous IT environment. CA UIM supports more than 140 technologies and services, including physical and virtual servers, networks, storage systems, databases, applications, user experience, public and private clouds, and power and cooling infrastructure. As a result, you can use a single tool to manage your entire IT infrastructure and gain end-to-end visibility of performance and service levels, including before, during and after cloud migrations.

Automated discovery and rapid configuration: With CA UIM, you can rapidly deploy monitoring, and efficiently adapt the solution to today's highly dynamic cloud and DevOps environments. The solution automatically captures all the service data from different geographical locations and cloud services, including VMs, applications and storage. You can create profiles that define monitoring parameters for each of these services. Based on the configured parameters, the solution generates quality of service (QoS) metrics. You can also configure dynamic and static threshold values in order to manage alarm generation.

CA UIM provides comprehensive visibility into Azure resources and services.



Pre-packaged dashboards and templates: CA UIM offers dashboards and templates that make it fast and easy to start monitoring your Azure environments.

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

Robust, predictive analytics: With CA UIM, you can leverage predictive analytics that help you proactively identify issues before the user experience suffers. The solution provides a prioritized list of problems that help administrators most-efficiently and effectively address the most-important issues and enhance service levels.

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

SLA management: CA UIM features integrated capabilities for creating reports and alarms pertaining to SLAs of your Azure implementations and related services.

Powerful custom dashboards: Users can easily create custom HTML5 dashboards that address the unique needs of their IT and development teams.

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

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

For more information, please visit ca.com/uim

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