AMAZON EC2 MONITORING

INFRASTRUCTURE AND APPLICATIONS

KEY BENEFITS OF UP.TIME & EC2

**EASIER: How does up.time make Amazon EC2 monitoring easier?**

Does your IT environment include EC2 and on-premise infrastructure like physical servers, VMware, or network devices? Then you'll see large performance and cost benefits from unified monitoring. Unified monitoring provides a single view and deeper insight, which means more time being productive and less time configuring, maintaining, and logging in and out of separate monitoring tools.

LESS DOWNTIME: Can up.time reduce Amazon EC2 downtime?

Yes, with better proactive and reactive reporting and alerting. up.time's topological dependencies, maintenance windows, and ability to include detailed incident messages in the alerts mean problems are found fast, before end-user are impacted.

BETTER PERFORMANCE: Can up.time increase Amazon EC2 performance?

Yes, using a choice of WMI, SNMP, or Agents to gain insights far beyond what CloudWatch can provide. Get detailed OS, process, and application monitoring data for detailed performance tracking and analysis.
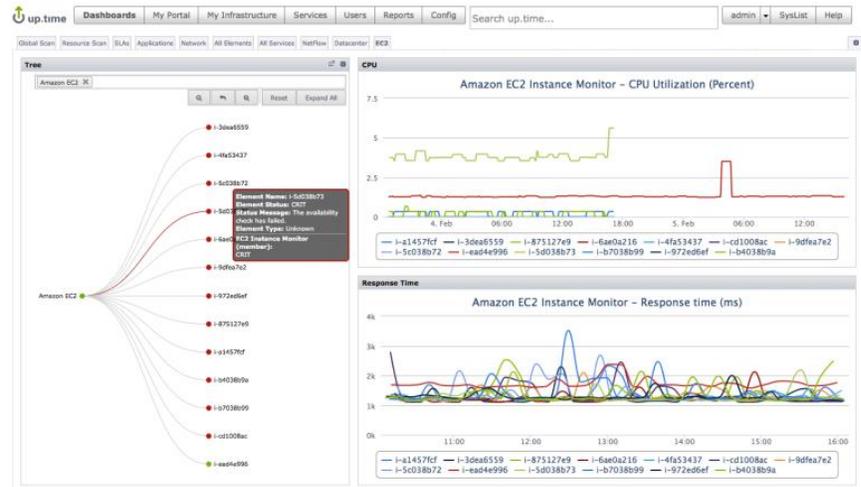
THE AMAZON EC2 MONITORING CHALLENGE

Five years ago, Enterprises reaped the benefits of reducing infrastructure and maintenance costs by moving from physical to virtual servers. Today, the next evolution is taking place - the move into the cloud.

Cloud providers are enabling IT departments to offload infrastructure and maintenance, resulting in cost reduction. However, monitoring, alerting, and reporting in this new environment is proving complex and challenging.

Amazon's (the leading cloud provider) EC2 CloudWatch interface and API provides simple metrics, such as CPU utilization, disk read/writes, and network in/out. However, this simple CloudWatch monitoring has two critical drawbacks that hurt EC2 customers.

1. No unified monitoring or consolidated reporting for performance, availability, and capacity across cloud and on-premise servers, applications, and IT services.
2. Lack of the deep metrics that IT requires, including detailed OS, process, and application monitoring data.

THE AMAZON EC2 MONITORING SOLUTION

Amazon EC2 monitoring with up.time allows enterprises to utilize a unified dashboard to view availability, performance, and capacity of all cloud infrastructure from the same interface as their physical, virtual, and network infrastructure.

IT needs to ensure their EC2 instances are running and performing within range, similarly to how they view the rest of their on-premise infrastructure and applications. It's not important where the infrastructure or applications reside (in the cloud or in the datacenter), but it's crucial that IT can proactively and reactively find and fix issues quickly. With up.time's EC2 monitoring, managers and administrators can:

1. View, monitor, alert, and report on performance, availability, and capacity across all servers, applications, network devices, and services from the same dashboard, regardless of the environment (Physical, Virtual, or Cloud).
2. Get the deep metrics they require to expertly monitor their EC2 environment.

AMAZON EC2 MONITORING AND REPORTING

Easily Monitor Your EC2 Environment

up.time's unified view provides EC2 monitoring, alerting, and reporting from the same dashboard as your on-premise infrastructure and applications, making complete IT system monitoring easier, more reliable, and highly effective.

up.time enables proactive and reactive reports, along with deep root-cause analysis in EC2. Advanced capabilities include SLA reporting for EC2 and capacity planning in EC2.

The "Server Uptime" Report
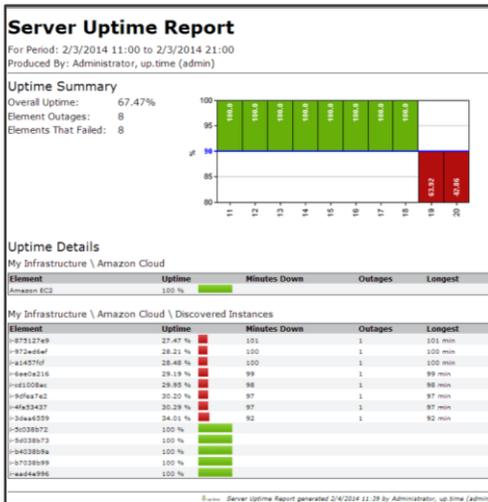
The "server uptime" report is a perfect example of how up.time monitors and reports on EC2 at a depth CloudWatch simply can't match.

Easily see the uptime of individual servers, groups, or the entire EC2 infrastructure with the click of a button. Compare EC2 uptime to on-premise uptime. Are you getting the cost savings and uptime you require from your EC2 deployment? Without these critical reports, IT is flying blind with their EC2 deployment.

About up.time:
IT Systems Monitoring and Management

up.time offers a unified, comprehensive, and accurate view of IT that ensures IT service levels meet business needs. Proactively monitor and manage all critical IT systems, servers, platforms, services, applications, and the network with an integrated and highly scalable solution that's easy-to-use and fast to deploy.

Specifications	
LEVEL 1: Base (Simple) Monitoring - Via Amazon CloudWatch API	• up.time gathers availability, CPU utilization, disk read/writes, and network in/out through the Amazon CloudWatch API
LEVEL 2: Enhanced Monitoring - Via WMI or SNMP (Agentless)	• up.time provides deeper OS metrics similar to the WMI/SNMP Agentless monitoring available today for physical and virtual servers.
LEVEL 3: Complete Monitoring - Via up.time Agent	• up.time delivers complete monitoring and self-healing actions, along with all service monitors that require Agent side processing (eg. log monitoring/processing)

About uptime software inc.

uptime software inc. is a privately held corporation founded in 2001 and headquartered in Toronto, Canada. With thousands of enterprise companies in over 40 countries, uptime is a premier provider of IT systems management software for unified server, application, and network monitoring, as well as SLA reporting and capacity planning.