Solution Brief

Achieve Performance Success in AWS Cloud. Build, Migrate and Deploy with Confidence!



Key Benefits

- ✓ **Enable successful cloud migration** and production rollouts in AWS
- ✓ **Improve performance** of applications and services deployed on AWS cloud
- ✓ **Increase business efficiency** by means of improved performance and uptime
- ✓ **Ensure superior customer experience** for users accessing your cloud services
- ✓ **Optimize your AWS infrastructure** for maximum performance
- ✓ **Unify monitoring** of public, private and hybrid cloud environments using a single monitoring tool

> *eG Enterprise delivers a robust, reliable and extremely valuable solution to deliver maximum uptime and user satisfaction. Preemptive alerting helps us to address performance issues immediately before they affect system and application availability.*
>
> **Mike Montano**
> Senior Manager, Allscripts

Amazon Web Services (AWS) is the premier cloud computing platform for hosting infrastructures and applications, whether IaaS, PaaS or SaaS. With many business-critical services hosted on and run from the AWS public cloud, it is important for enterprises to ensure stellar performance of IT services in the cloud.

While the promise of the cloud is only getting stronger each year, the challenge of performance management continues to be a concern for IT teams and application owners. In every stage of cloud adoption – testing, migration, optimization, etc. – it is imperative to ensure that performance doesn't degrade. Whether a public, private or hybrid cloud infrastructure is used, holistic performance visibility is required to ensure successful service delivery and achieve high efficiency.

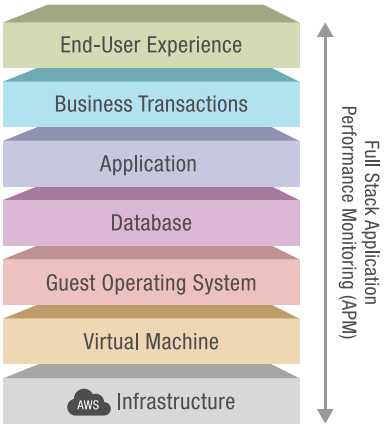
Performance Assurance for AWS Cloud Environment

eG Enterprise is a unified performance management platform that monitors the health, availability and performance of your cloud and on-premises infrastructures. Tightly integrated with AWS CloudWatch, eG Enterprise allows IT administrators to track the digital experience of applications hosted on-premises and in the cloud, analyze application workloads and correlate them with the performance of the IT infrastructure – all from a single pane of glass.

- Ensure high availability of AWS infrastructure and services
- Visualize your AWS infrastructure topology with application dependencies for problem diagnosis
- Monitor your customers' digital experience as they access services hosted on AWS
- Auto-baseline your AWS environment and get alerted to performance deviations
- Prepare for a smooth migration of applications to AWS using migration reports and historical analytics



End-to-End Monitoring of AWS Cloud

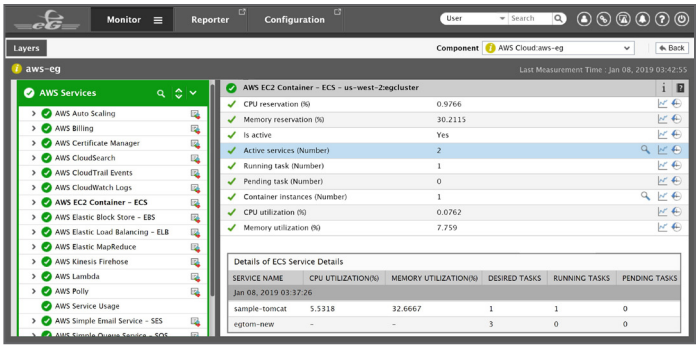


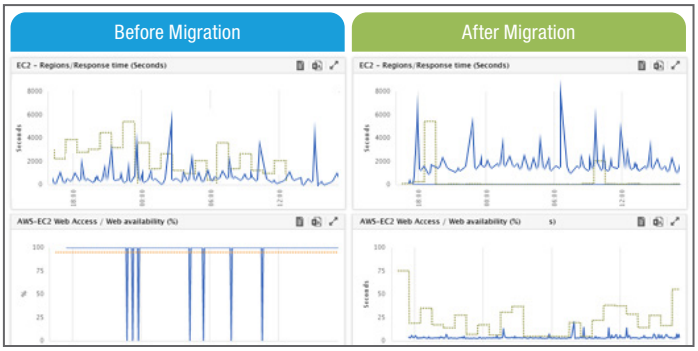
eG Enterprise is available as a fully SaaS-based solution and also as an on-premises software. The SaaS install is very easy, and you can get started in minutes. Automatically detect your applications and infrastructures running on AWS cloud and start monitoring right away!

Key Capabilities of eG Enterprise for AWS Performance Monitoring

In-depth Visibility of AWS Cloud Instances and Services

- Monitor resources based on AWS Regions, Availability Zones, and cloud instances
- Get alerted to performance deviations, configuration changes, and AWS resource usage
- Track health and availability of critical AWS services including EC2, ECS, EBS, auto-scaling, billing, and more
- Obtain deep visibility into performance of virtual machines, guest OS, and applications hosted on AWS



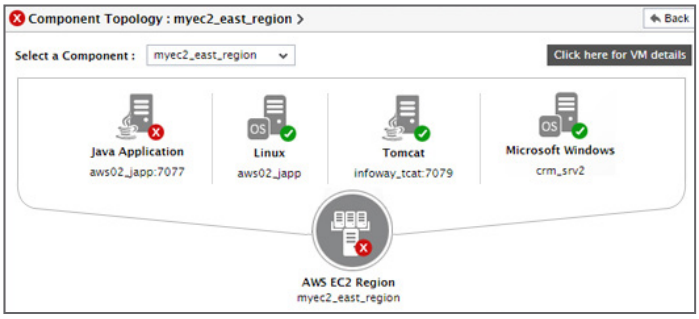


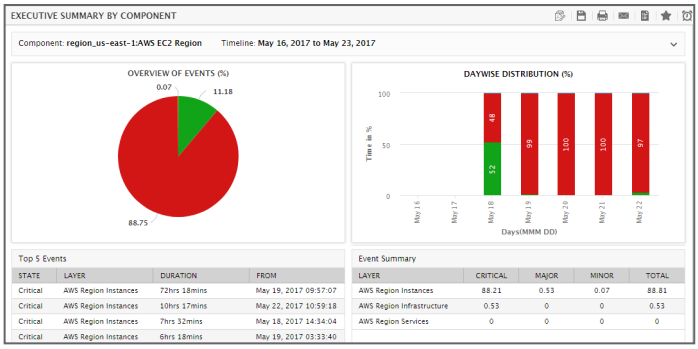
Guarantee Smooth Migration to the Cloud

- In-built cloud migration reports help compare deviation in application performance before and after migration to AWS
- Self-learning auto-baselines help determine alerting thresholds post-migration
- Automated root cause diagnosis ensures quick fault isolation and anomaly detection
- Synthetic simulation techniques can be used to monitor and compare user experience metrics pre- and post-migration

Improve Application Performance on AWS Cloud

- Measure the digital experience of your customers as they access your business applications on AWS cloud
- Identify application and infrastructure dependencies
- Auto-correlation of application performance with the infrastructure to highlight slowdowns due to infra or app
- Get code-level visibility of Java and .NET apps running on AWS to identify the root cause of performance issues





Optimize Your AWS Investments in the Cloud

- Get proactive alerts when your cloud infrastructure runs out of AWS resources (CPU, memory, IOPS, network, etc.)
- Gain centralized visibility into billing information for all your AWS services
- Make informed decisions about how you deploy and use AWS resources
- Leverage ready-to-use capacity planning and right-sizing reports to get the most out of your existing AWS resources

About eG Innovations

eG Innovations is dedicated to helping businesses across the globe transform IT service delivery into a competitive advantage and a center for productivity, growth and profit. Many of the world's largest businesses use eG Enterprise to enhance IT service performance, increase operational efficiency, ensure IT effectiveness and deliver on the ROI promise of transformational IT investments across physical, virtual and cloud environments.

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