



Assuring Cloud Performance on Amazon Web Services

Market Landscape for Cloud Services

The cloud continues to be a pillar of innovation, unlocking strategic use cases for businesses across industries. Whether organizations are aiming to reduce costs, mitigate risks associated with downtime and lost productivity, or ensure infrastructure is ready to scale for future demands, the cloud is at the center of it all.

Users today expect their digital experiences to be high-performing and seamless. Yet, 73% of organizations say they are embracing hybrid cloud environments, increasing the complexity of the digital ecosystem that IT teams are responsible for managing.¹ Assuring users' experiences across this distributed landscape is no longer optional—it's a business necessity.

58%

Of employees say poorly performing applications and digital services hinder their ability to work remotely²

62%

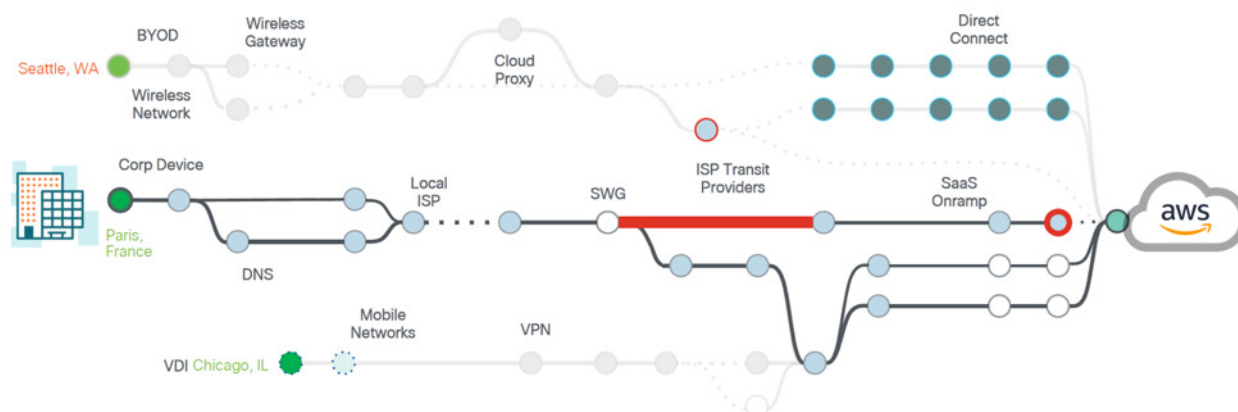
Of consumers claim that their expectations for digital experiences are far higher now²

70%

Will warn other people against using poorly performing applications²

Scalability Benefits Come With Visibility Gaps

Implementing cloud-based services and migrating applications to the cloud requires some considerations. Understanding the distributed nature of these architectures, correlating all the end-to-end dependencies across applications (including both owned and unowned networks) is notoriously difficult to do. And that is just to get to the cloud front door.



¹ Flexera State of the Cloud Report

² The App Attention Index 2023

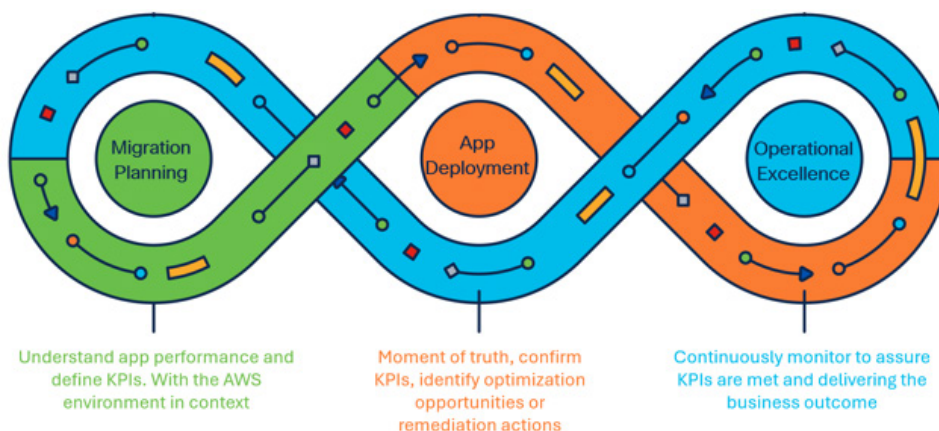


Once traffic reaches the cloud provider's infrastructure, it enters a "black box," which makes traditional networking monitoring tools ineffective. And while cloud-native tools like Amazon CloudWatch can provide visibility into the Amazon Web Services (AWS) environment, they do not correlate performance with other parts of the end-to-end digital supply chain. The result is that troubleshooting cloud environments is disjointed and time consuming for IT teams.

The complexity of managing hybrid cloud environments has only increased. In fact, a survey from Cisco revealed that operational complexity caused by using multiple cloud environments is the number two challenge for IT teams.³

The Journey to and Inside the Cloud

Organizations are at different stages of their cloud journey; some may be at the start of their journey, others may be planning to migrate more applications or optimize existing cloud-based services, while more advanced organizations might be experimenting with AI. Furthermore, the same organization may have different teams or cloud initiatives at different stages of maturity, forming a continuous iterative motion that provides opportunities for IT to optimize and deliver on the expectations for the business.



ThousandEyes Assurance for AWS

Whether your organization is managing multiple cloud services and looking for operational excellence, going through another migration, or in different stages at the same time, ThousandEyes provides comprehensive and correlated visibility across the entire digital supply chain, with the AWS environment in context, to empower organizations to assure every digital experience.



Gain visibility at scale with ThousandEyes agents deployed across the AWS backbone



Manage operational risks by uncovering dependencies across AWS network services



Quickly set your monitoring strategy with test recommendations for AWS



Identify the scope of a degradation with AWS Network Path Enrichment



ThousandEyes Cloud Insights offers a deeply integrated view of end-to-end experience issues, directly correlating them with cloud provider traffic volume and configuration changes that impact cloud resources.

Customer Stories

Learn how [EasyJet](#) used ThousandEyes, and why end-to-end visibility is critical for Europe's leading short-haul airline along their cloud journey.

For More Information

Contact your Cisco or Partner account representative to learn how ThousandEyes can help solve your digital experience challenges.

³ 2022 Global Hybrid Cloud Trends Report