aws re: Invent

DEM53-S

Monitoring user experience and third-party APIs for your AWS workloads

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ThousandEyes

We empower companies with Internet and cloud intelligence, enabling them to deliver superior digital experiences.



2010 Founded

HQ

San Francisco

Locations

Austin, USA New York, USA Seattle, USA Toronto, CA Tokyo, JP Sydney, AU

Amsterdam, NL Dublin, IE London, UK Munich, DE

130+

Global 2000 Companies 70+

Fortune 500 Companies

6 of the 7

Top US Banks

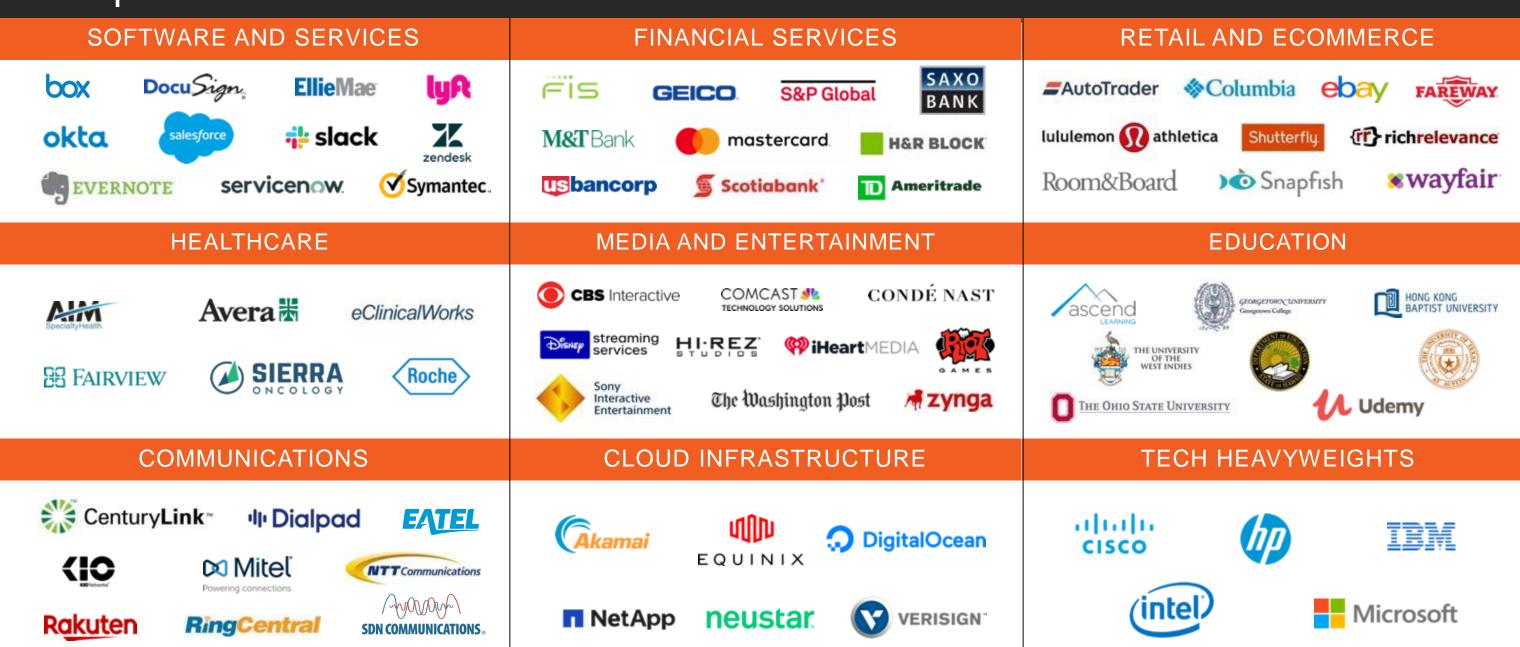
20 of the 25

Top SaaS Companies

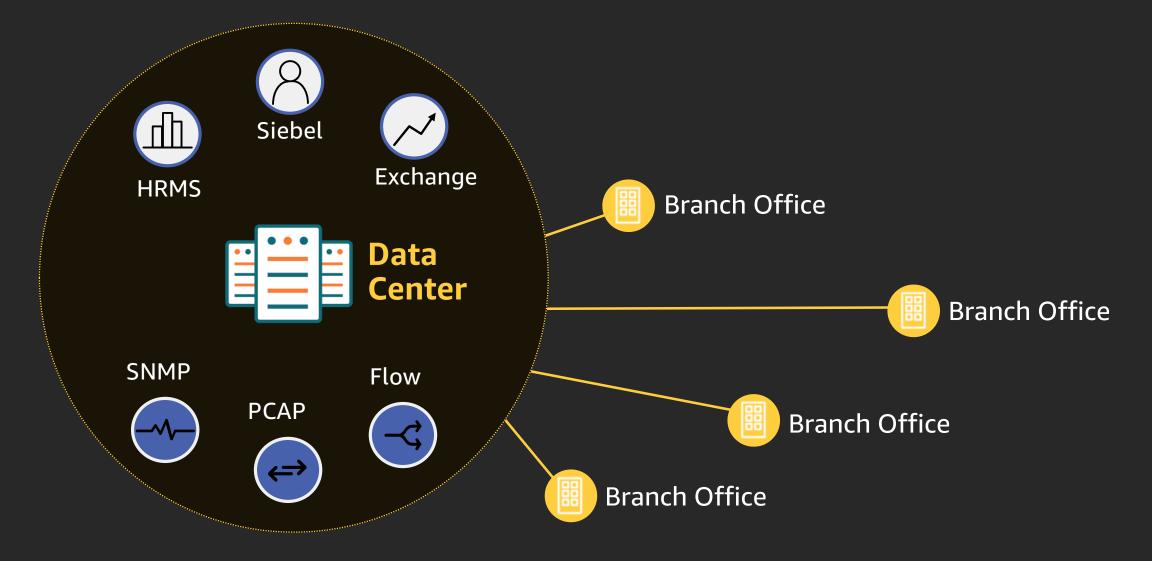
8 of the 10

Top Global Software Companies

We help companies like these manage digital experiences

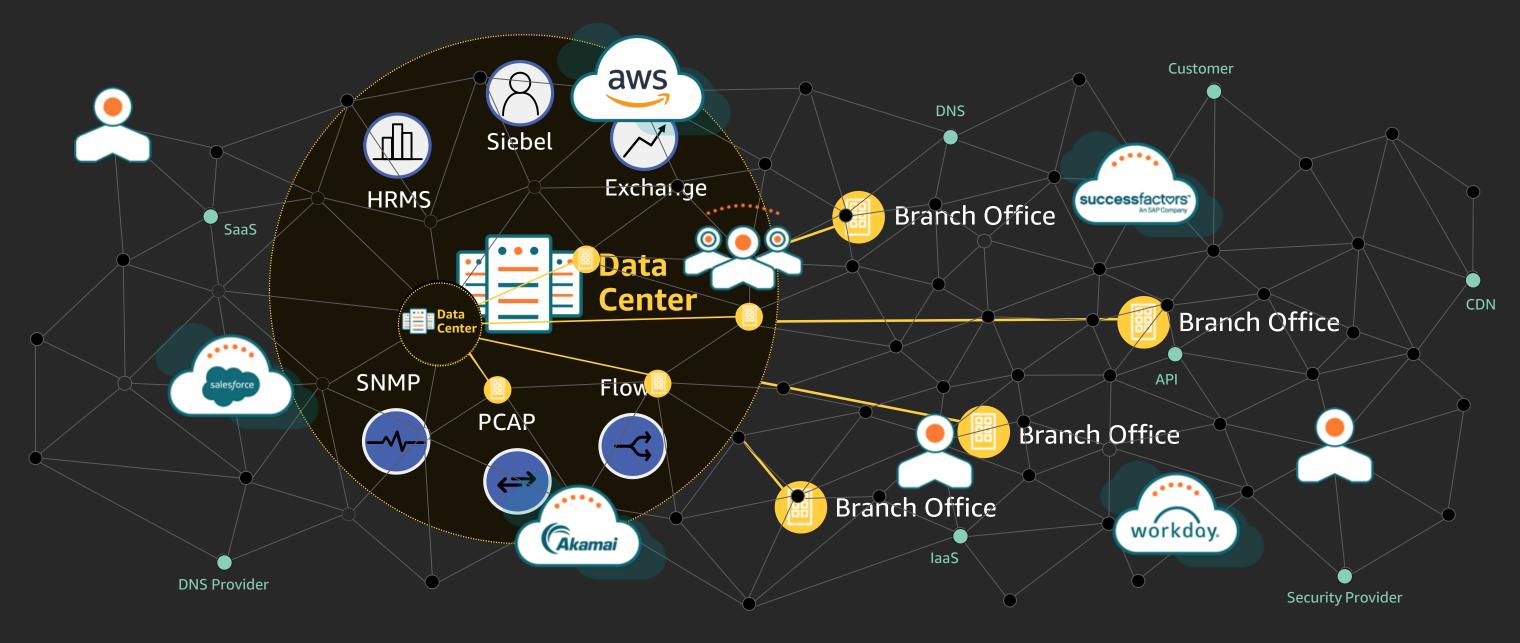


Cloud migration is rapidly maturing



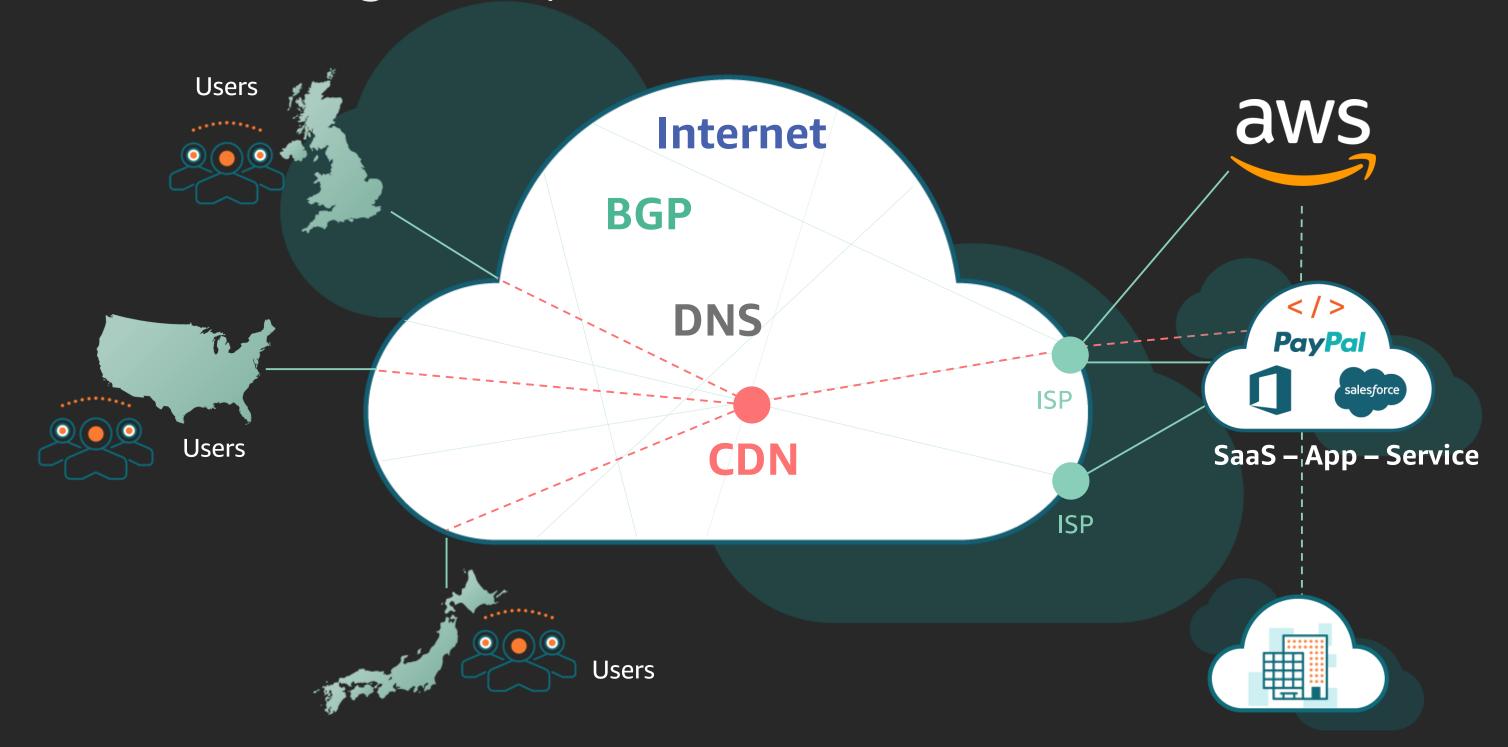
Moving to the cloud is the default now

But interdependencies prevail



User experience relies on multiple services such as CDNs and DNS, API endpoints, and SaaS

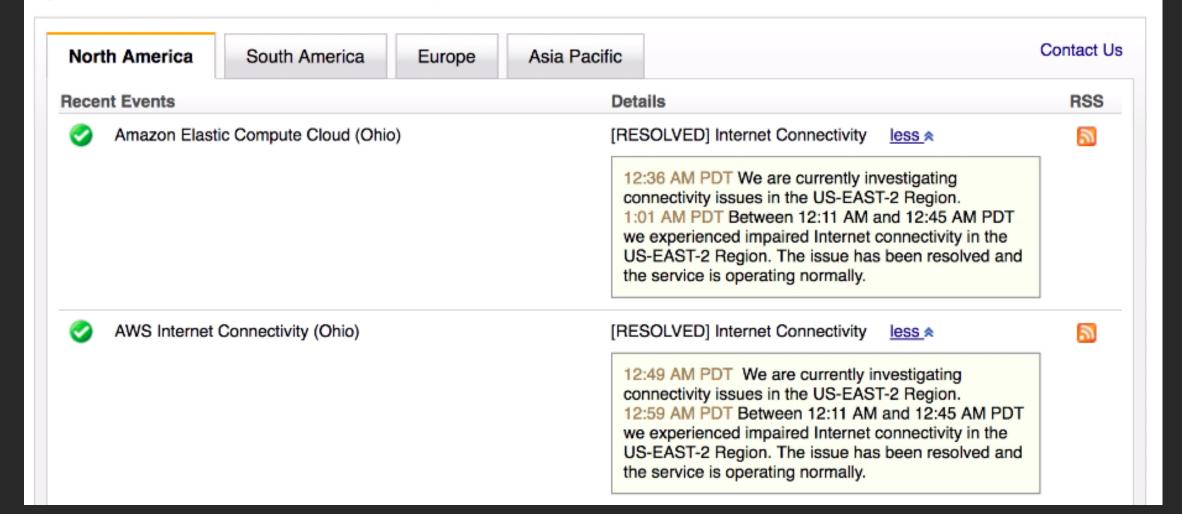
Customer digital experience



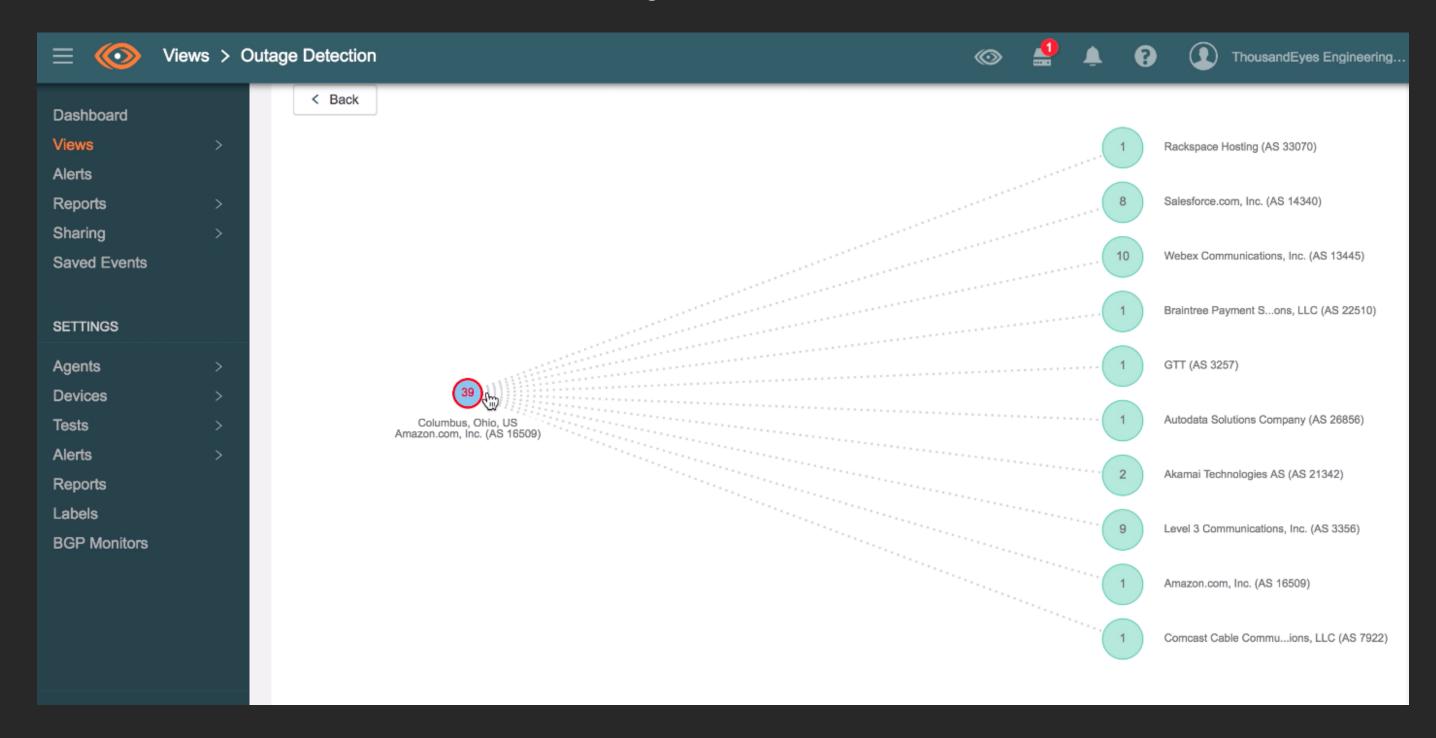
Third-party APIs can be affected by internet connectivity

Current Status - May 31, 2018 PDT

Amazon Web Services publishes our most up-to-the-minute information on service availability in the table below. Check back here any time to get current status information, or subscribe to an RSS feed to be notified of interruptions to each individual service. If you are experiencing a real-time, operational issue with one of our services that is not described below, please inform us by clicking on the "Contact Us" link to submit a service issue report. All dates and times are Pacific Time (PST/PDT).



ISP impacts connectivity from US-EAST-2



Monitoring service delivery paths beyond AWS





ThousandEyes internet and cloud intelligence







Dashboards

Visualizations

Reports & Alerts

APIs & Integrations



Scale Out – Collective – Algorithmic



180+ Cities Around the World

ISP | Broadband | Cloud Provider



Enterprise Data Centers, Branch Offices & VPCs

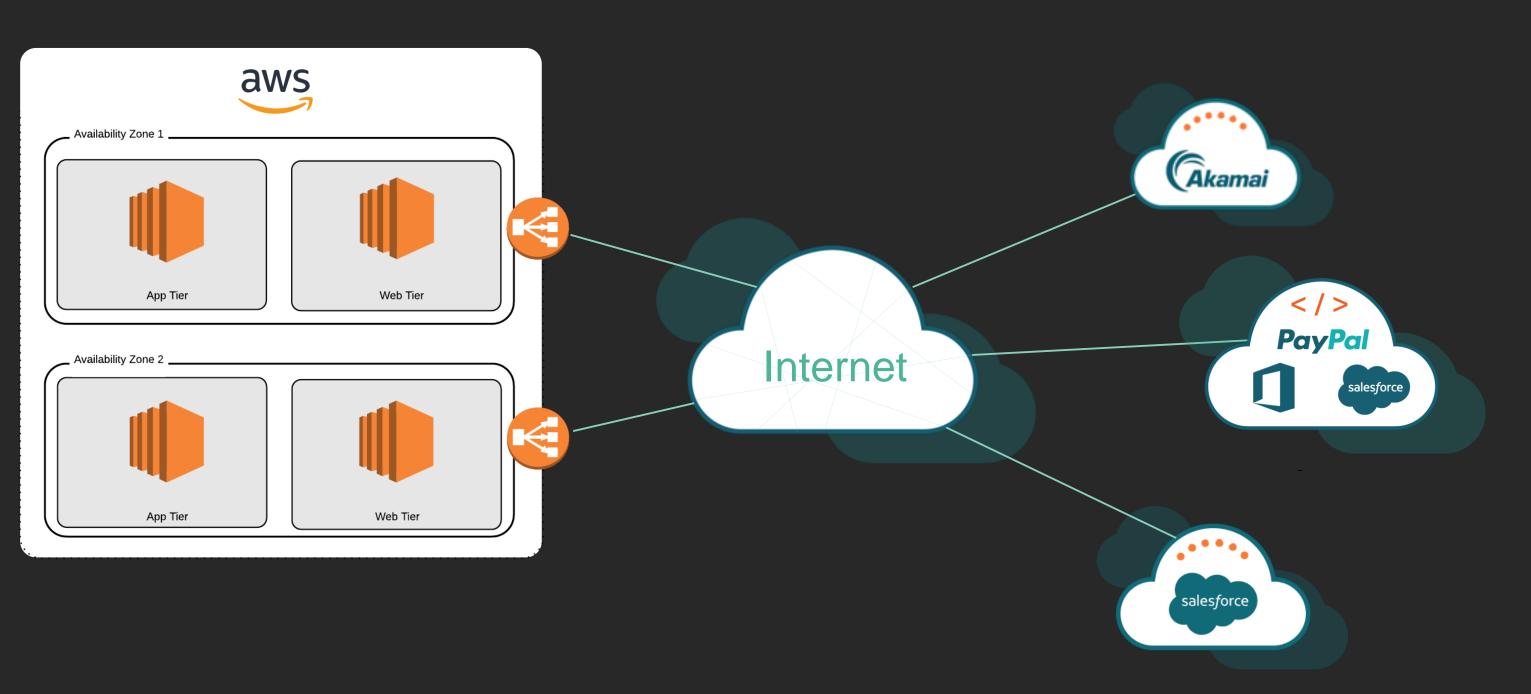
Cisco | Docker | JNPR | Linux | MSFT | VMW



End-User Laptops and Desktops

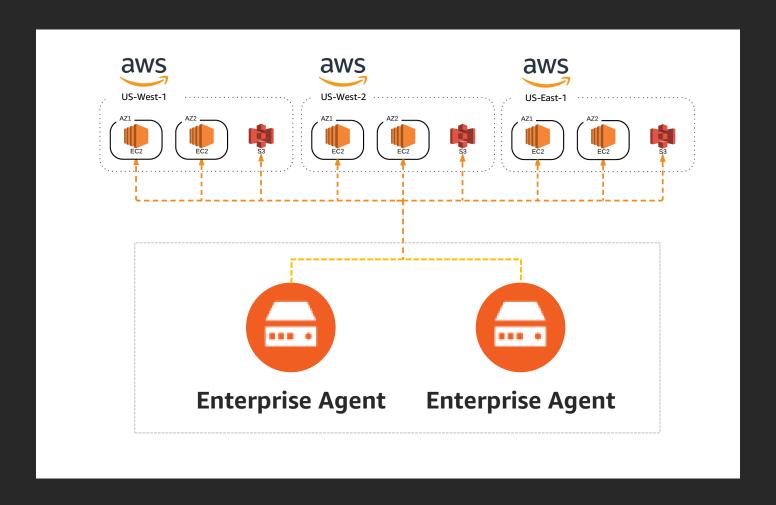
Apple | Microsoft

Let's consider a simple APP-API interaction

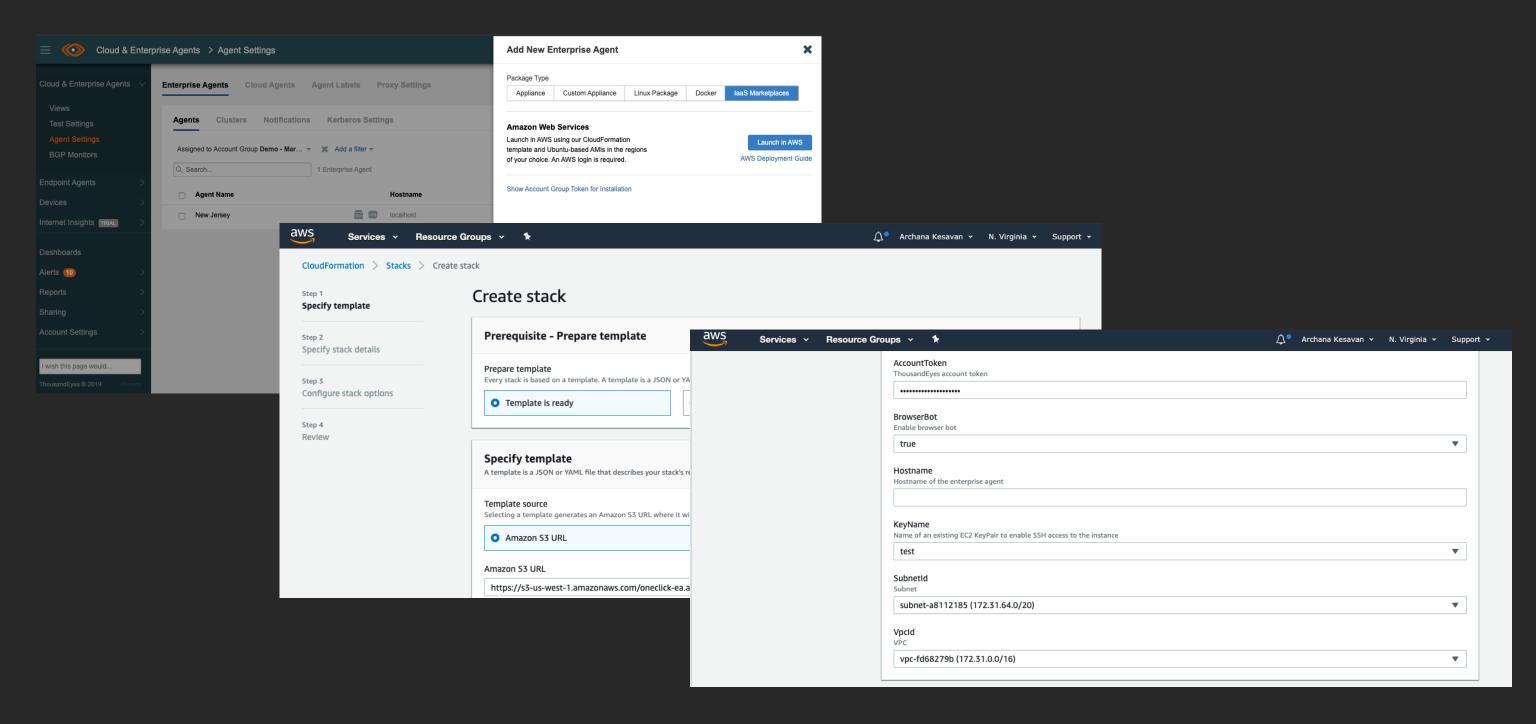


Step 1: Deploy ThousandEyes in a VPC

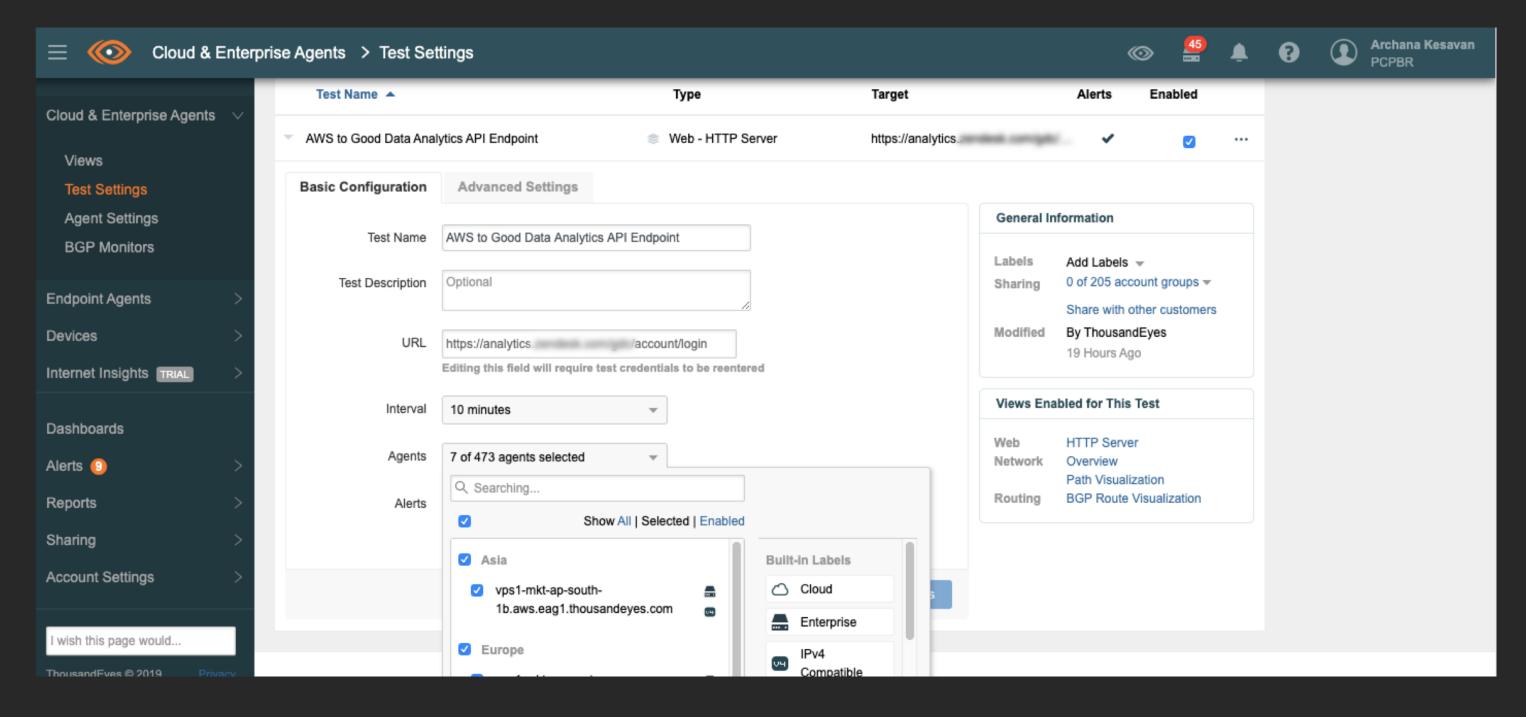
- Deploy ThousandEyes Enterprise Agent as an Amazon EC2 instance in your VPC
 - t2.medium
- Requirements:
 - ThousandEyes account and SSH key pair
 - A VPC network (present by default in a new AWS account)
 - An IP subnet in the VPC network (present by default in a new AWS account)
 - Privileges to deploy a new AWS
 CloudFormation stack with
 an EC2 instance



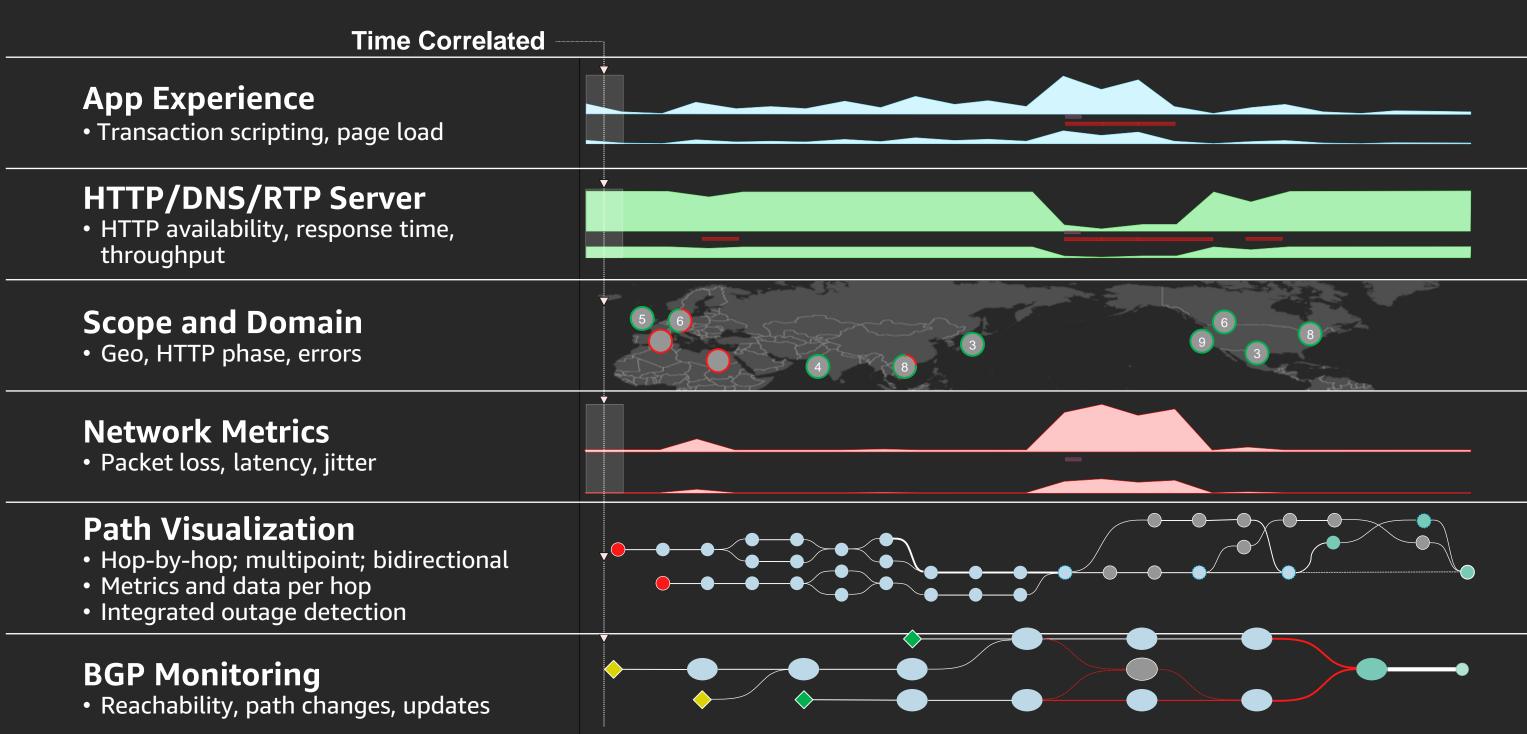
Deploy using AWS CloudFormation



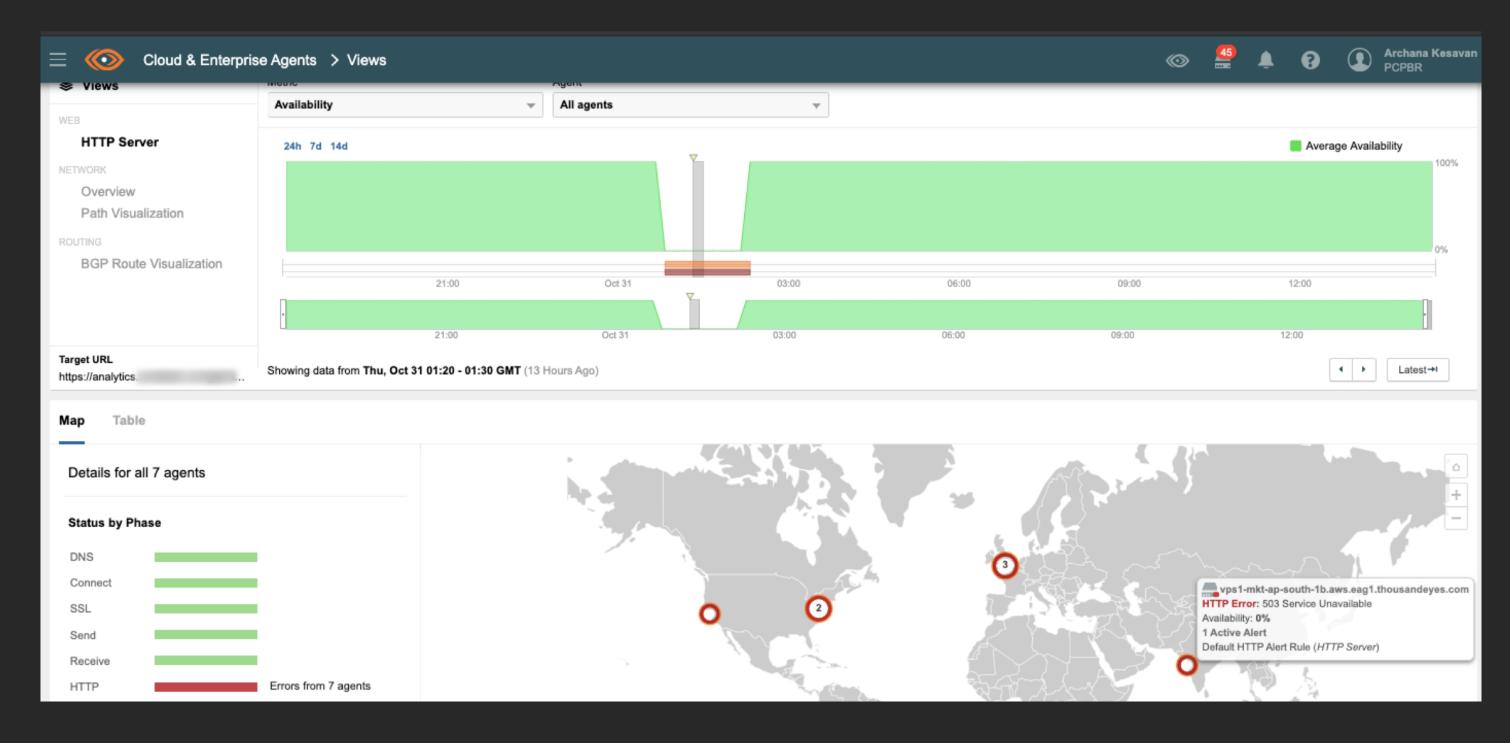
Step 2: Set up a test to monitor connectivity paths



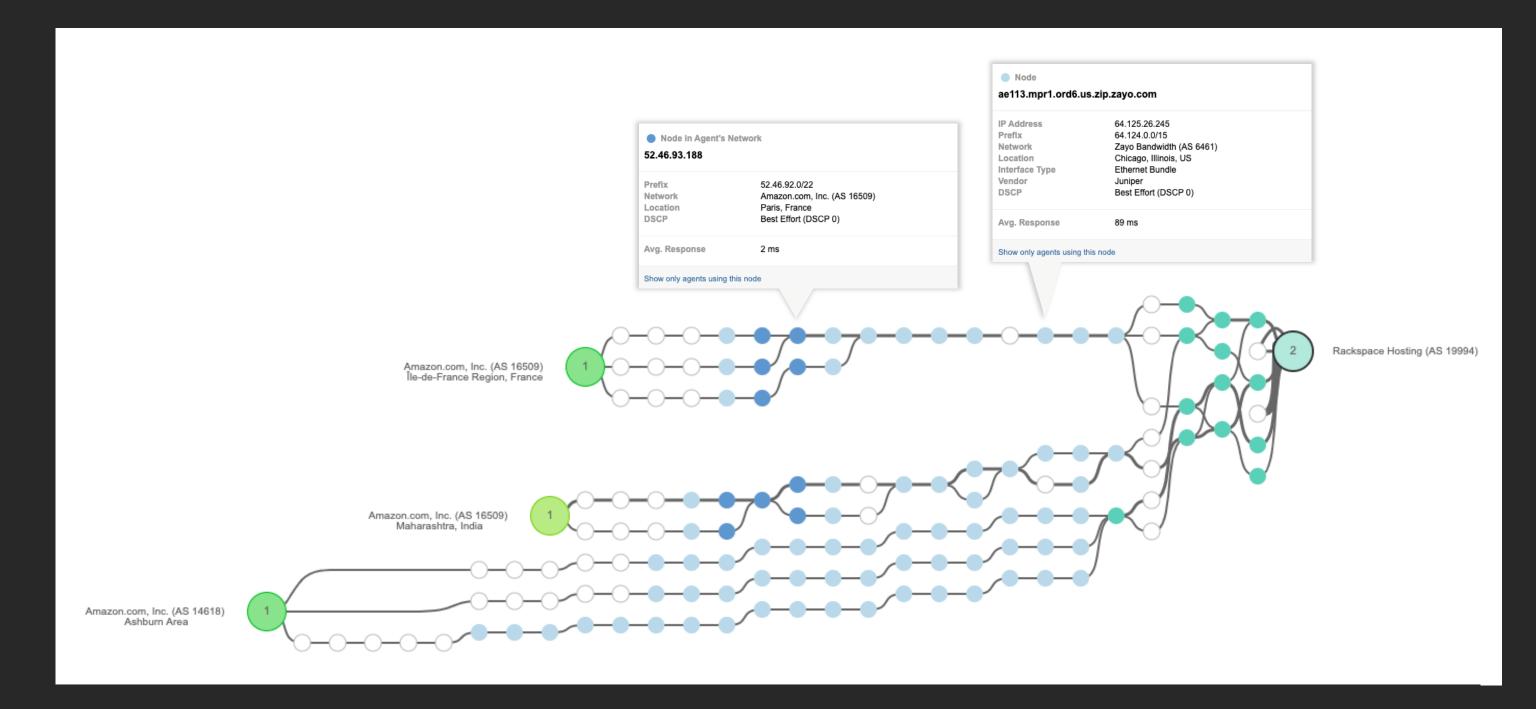
Correlated visibility in one view



Step 3: Start monitoring your API endpoints



Step 4: Get insights into connectivity paths



Automation and integration

- Open, native REST APIs
- Full automation of configuration, operation, and data consumption
- Integrations with popular configuration automation tools, ITSM, and data platforms
- ThousandEyes GitHub
- developer.thousandeyes.com













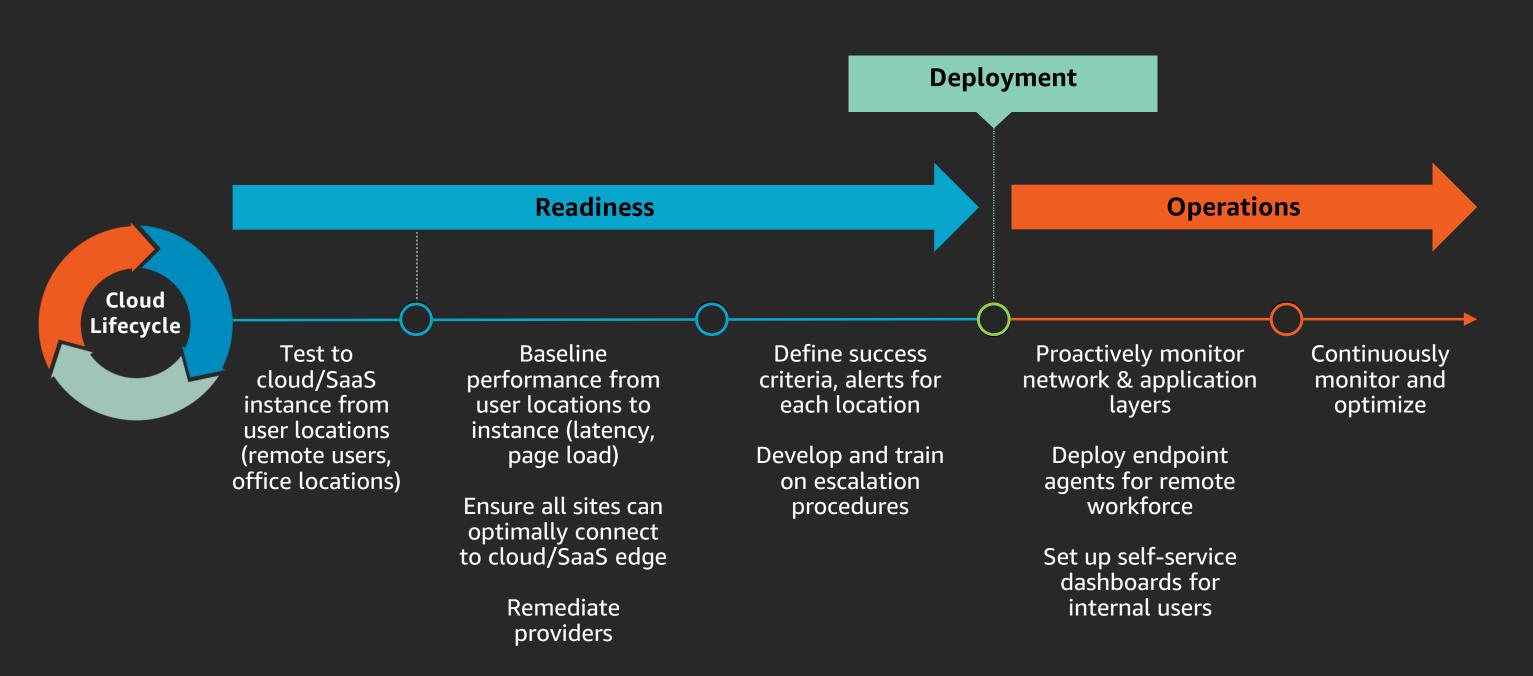


Strategic planning for cloud-centric ops





Cloud adoption lifecycle best practices





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