

Monitor Google Cloud Services from your deployments anywhere

See the hop-by-hop network path and health between test agents and Google Services, so you can isolate issues related to loss, latency, or network routing and rapidly determine if it's being caused by the application service or the network."

Customers leveraging Google Cloud Services from on-premise or from other public clouds need to assure consistent user experience for their end applications. This requires high fidelity monitoring across the different layers of the software stack to quickly detect and diagnose the root cause of issues that may be impacting performance.

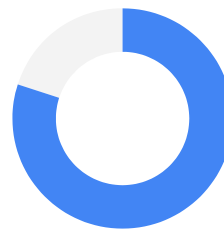
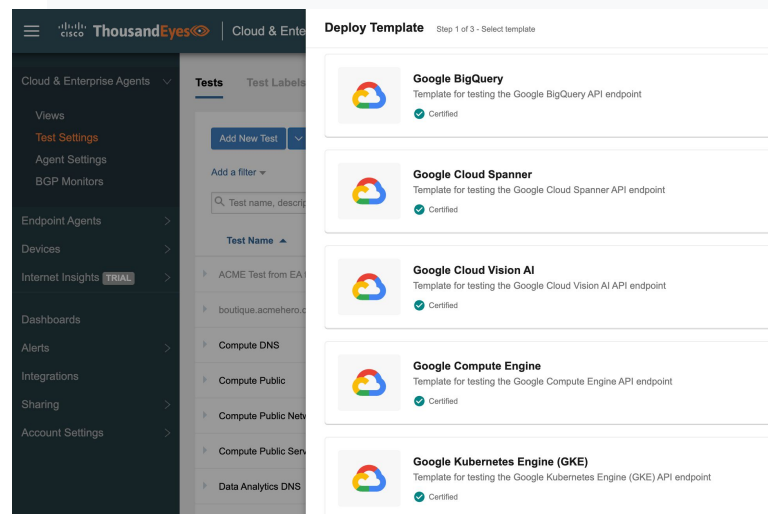
Setting up the right type of tests, between the right endpoints, and at appropriate time granularity, often requires deep technical expertise. Being able to quickly zero-in on the root cause of a performance issue and share with the right teams for troubleshooting can be equally challenging.

ThousandEyes and Google Cloud have worked together to define a set of tests that can help assure consistent customer experience.

ThousandEyes' ready to deploy Test Templates for Google Services can help detect performance issues across the application layer all the way down to the network path, thereby expediting issue detection and resolution and minimizing adverse impact to the business.

ThousandEyes Test Templates for Google Services encapsulate the visibility best practices that ThousandEyes and Google Cloud have learned over years of helping customers troubleshoot performance issues across their deployments.

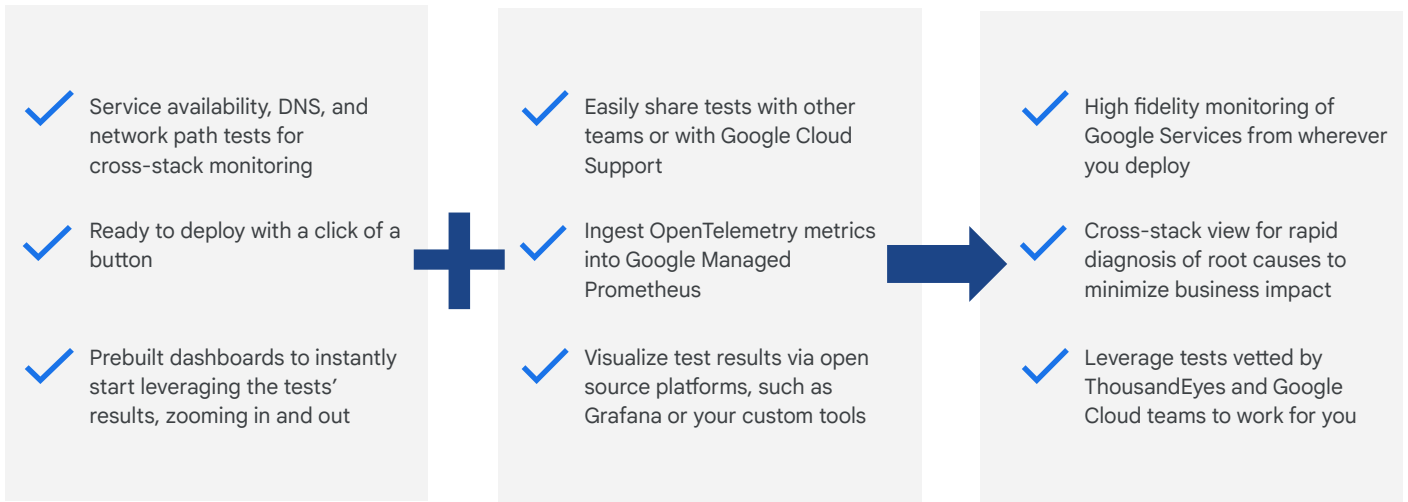
The underlying tests are fully customizable: customers can easily choose and update the test endpoints, test frequency and other dimensions to meet their needs.



Many Google Cloud and ThousandEyes customers are using ThousandEyes Test Templates to monitor their Google Cloud Services

Once the tests are deployed, customers can leverage the prebuilt dashboards to easily monitor their Google Services in one place and also drill down into the associated metrics for any service.

Customers can also export and visualize metrics via Grafana or their custom tools. The tests can be easily shared with the customer's internal teams or directly with Google Cloud Support.



Test what actually matters

In order to provide comprehensive visibility, the ThousandEyes Test Templates for Google Services cover key components of the services and the underlying network path. For example, the Cloud Spanner Test Template testing profile includes (a) Spanner API public/private Edge Node tests for service reachability, performance and response time from the end users' perspective, (b) DNS Server tests to monitor the DNS Authoritative server(s) for appropriate Spanner API DNS names resolution, and (c) end-to-end network path tests.

Monitoring Google Cloud Services for general reachability and regional performance can be done using ThousandEyes Cloud Agents (450+) located around the globe. For testing from a more specific location (branch office, data center), customers may deploy their own agents to run this test.

Leverage ThousandEyes Test Templates to monitor your Google Cloud Services wherever you deploy your applications and ensure reliable customer experience for your applications.

Easily share tests with your teams and Google

Customers can easily set alerts on these tests, leveraging the preset thresholds or configuring their own alerting thresholds based on their service level objectives (SLOs). These alerts can be channeled to customers' preferred collaboration tools, including Google Chat.

Customers can share their tests with their internal teams, and with Google Cloud Support, either on an ongoing basis or as needed using Snapshots to expedite troubleshooting.

ThousandEyes Test Templates allow visualizing tests via pre-built dashboards for Google Services. Customers can also leverage ThousandEyes' integration with open source platforms such as Grafana to visualize metrics, or leverage Google Managed Prometheus to ingest the OpenTelemetry metrics into Google Cloud.

Ensure good customer experience

ThousandEyes Test Templates for Google Services enable comprehensive monitoring of Google Services from anywhere, be it your on-premise deployments, internet endpoints, or from other public clouds. The ThousandEyes Test Templates take the guesswork out of what to test, how to set up the tests, and how to visualize the results to enable prompt detection and diagnosis of root causes of performance issues impacting your customers.

With the ready to deploy cross-stack testing and multi-layer visualization, the ThousandEyes Test Templates ensure consistent end-user experience and service availability for your applications.