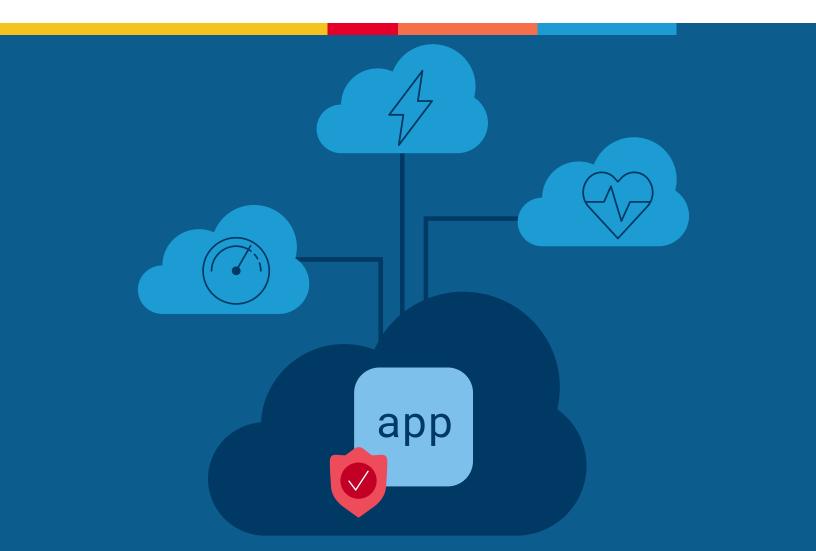


Track Your Apps' Performance to Detect Issues Before Users Do

F5 Distributed Cloud Synthetic Monitoring provides an easy-to-use dashboard that significantly reduces mean time to resolution of application issues through uptime, performance, and health analytics.



KEY BENEFITS

Easy to deploy and consume

Get insightful visualization and actionable insights that are consumable by all levels of leadership. Interact with an API client for our services, with no need to go into the client or to deploy an agent.

Single-screen observability

Gain a holistic view of your app delivery performance and security from a single dashboard. See the blast radius of infrastructure impacts, and drill down as necessary into critical apps.

Security-focused analytics

Leverage our Transport Layer
Security (TLS) Score that
produces TLS reports and data for
your endpoints based on exposed
vulnerabilities, TLS protocols,
offered ciphers, and more. Stay
current with security and other
certificates across apps.

Cloud-agnostic tracking across all endpoints

Compare uptime and performance across environments or architectures. Distributed Cloud Synthetic Monitoring is decoupled from the data plane running the applications.

MOST APP OUTAGES
IMPACT END USERS
BEFORE DETECTION,
WITH LESS THAN
5% OF ISSUES
IDENTIFIED PRIOR
TO AFFECTING USERS.

Most App Delivery Issues Are Not Identified Before Impacting Users

Application outages are frustrating for everyone. Whether you're the end user just trying to buy concert tickets, or the app owner or SecOps or DevOps team leader that gets pulled into a crisis room for incidence response, you are a bit rattled.

The longer the issue takes to resolve, the more pain everyone feels. Often, the solution is addressing a known process or adding a missed playbook step. The worst-case scenario, and unfortunately the most common one, is an issue not being discovered until your customers call in about the outage after an update or change is implemented.

Most app outages impact end users before detection. Less than 5% of issues are identified prior to affecting users, according to published research.

On top of that, F5 research shows that more than half of our customers today manage more than 200 applications. Application delivery is increasingly more complex, requiring advanced tools to manage them.

A solution to help you avoid user frustration and an excess of help desk tickets is critical. Your organization needs a monitoring and remediation solution to help reduce mean time to detect (MTTD) and drive a better digital experience for your end users.

Monitor and Validate Application Health and Performance

By reducing MTTD, companies gain added confidence and agility in their change process. If you can validate changes and detect issues before your end users are impacted, you can deploy changes with peace of mind, knowing that issues can be resolved before they become a problem.

That's exactly why we built F5® Distributed Cloud Synthetic Monitoring. We monitor HTTP(s) and DNS requests, so customers can validate the external health and performance of their applications from an unbiased perspective. You can baseline your apps' performance and availability so you can answer the question of what normal behavior is and identify outliers and anomalies. And you can do so from regions around the world.

KEY FEATURES

Quickly find endpoint vulnerabilities

Automatically generate TLS reports and scores for your endpoints based on exposed vulnerabilities, TLS protocols, offered ciphers, and more.

Understand health with HTTP(s) synthetic monitors

Simulate user HTTP(s) requests to understand the health and performance of endpoints around the world.

Gain insights through DNS synthetic monitors

Evaluate the health and performance of endpoints by simulating user DNS requests from multiple locations.

Get focused alerts

Get alerts and notifications sent directly to the operations teams that need them.

Monitor data globally

Leverage monitors deployed in regions across the globe to obtain data on user experiences.

Figure 2: The DNS Monitor
Dashboard. These monitors simulate
user DNS requests to gauge the
health and performance of customer
endpoints globally.

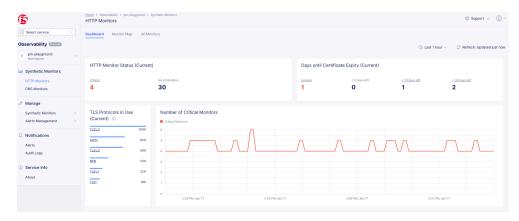
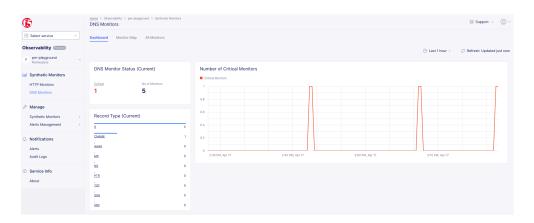


Figure 1: The HTTP(s) Monitor Dashboard. These monitors simulate user HTTP(s) requests to gauge the health and performance of customer endpoints worldwide.

With the Distributed Cloud Synthetic Monitoring dashboard, you can easily view the health and performance of your apps over time. The drill-down capability enables you to quickly determine the nature of detected problems. The dashboard allows you to see what TLS protocols your apps are using. It also warns users about the number of apps that have certifications close to or already expired. The monitor's detailed view enables you to quickly visualize and correlate health events over time. You can see which region was impacted, why it went critical, and the duration of the outage.

A closer look at the monitors reveals their TLS protocol posture, which is assigned a grade and score. Distributed Cloud Synthetic Monitoring generates TLS scores that identify the protocols and ciphers in use and highlight any exposed TLS vulnerabilities. This report is easily shareable.

Looking at DNS monitors, customers can understand their organization's DNS health and performance, from a custom or global name server perspective. You can validate your own DNS infrastructure or validate third-party service providers to ensure they meet their service level agreements, so your end users can get to where they want to be: Your apps.



MONITOR HTTP(S) AND DNS
REQUESTS TO VALIDATE
THE EXTERNAL HEALTH
AND PERFORMANCE OF
APPLICATIONS FROM AN
UNBIASED PERSPECTIVE.

Conclusion

Distributed Cloud Synthetic Monitoring is easy to implement. It is part of the broader F5® Distributed Cloud Platform that offers SaaS-delivered app services and critical capabilities to support modern, hybrid, multi-cloud, and edge-delivered apps.

This platform enables your organization to accelerate app delivery, optimize performance, and reduce operational complexity across operations, engineering, architecture, and network teams, while protecting your apps, APIs, and infrastructure.

Distributed Cloud Synthetic Monitoring can be purchased as a service from within the Distributed Cloud Platform and integrates with companies' existing infrastructure.

Try Distributed Cloud Synthetic Monitoring for free before deciding whether to purchase. Schedule a free trial through your F5 sales representative.

Ready to start for free? https://www.f5.com/cloud/pricing

