

To learn more about Catchpoint IPM, please visit www.catchpoint.com

Internet Synthetics

Proactively catch issues in the Internet Stack before they impact your business



Remember when monitoring was all about the availability of your network, your data center, or your infrastructure and apps? Well, your network is now the Internet, your data center is now the cloud, and your infrastructure and apps are now SaaS. That's why Internet Synthetics was born – to account for these new norms.

Internet Synthetics is the premiere set of proactive monitoring capabilities. It goes from just monitoring web or APIs – to proactive visibility across all Internet Stack components or protocols. With the largest set of out-of-the-box test types, infinite bring-your-own monitor options, and the world's largest global agent network, you'll gain unparalleled visibility into all components of the Internet Stack to catch issues before they impact your business.



Monitor from where it matters



Resolve incidents before they impact your business



Get intelligent analytics on raw, granular long-term data



Gain deep and broad visibility into the Internet Stack

Why Internet Synthetics?



Alongside providing traditional Synthetics, Catchpoint is the exclusive provider of premiere Internet Synthetics capabilities. Unlike traditional Synthetics, Internet Synthetics allows you to:



Monitor from where it matters

Customers and employees don't access systems from the cloud or data center in which you host. Instead, they're connecting from their laptops or mobile devices via ISPs with varying levels of fragility. Benefit from a global agent network that lets you fulfil more monitoring use cases and match the performance profiles of your distributed workforce or customers.

Key features:

- Close to 3,000 intelligent agents
- Nearly 400 providers
- Over 100 countries
- Over 480 ASNs
- Over 1,500 BGP peers
- Extend coverage behind your firewall
- Extend coverage with endpoint agents



Get intelligent analytics on raw, granular long-term data

There is no shortage in the volume and variety of monitoring data. Practitioners and businesses need an efficient signal-to-noise ratio to find the needle in the haystack. Intelligent analytics allow you to distill mountains of data into meaningful insights quickly, enabling you to focus your optimization efforts on elements such as a particular region, stack component, or SEO rankings.

Key features:

- Infinite custom KPIs
- Customizable experience scores
- Anomaly detection and correlation (across multiple stack components)
- Exclusive advanced calculations
- Performance optimization highlights
- No-code experiments
- Years of raw data retention (across all metrics)



Resolve incidents before they impact your business

Proactive monitoring allows you to ensure any changes or releases have no negative impact on user experience – even when users are not on your site. Catchpoint's Internet Synthetics enables proactive monitoring and alerting, allowing you to triage, find root cause, and fault isolate at accelerated rates.

Key features:

- Scheduled, ad hoc, or real-time integrations
- Over 40 out-of-the-box test types
- Alert on key uptime, performance, or reachability criteria
- Infinite bring-your-own-monitor options
- Over 100 standard metrics with custom actionability
- AI-powered Smartboards with drill-down



Gain deep and broad visibility into the Internet Stack

Continual growth in the use of the Internet Stack has resulted in a loss of visibility or control since it's an environment in which agent-based APM or traditional monitoring have no reach. With Internet Synthetics, you regain this visibility or control, allowing you to manage complex, distributed architectures.

Key features:

- Monitor CDN and validate traffic integrity
- Full DNS-resolution-as-a-monitor
- API uptime, transactions, integrity, or functionality
- Visual network path analysis
- SaaS templates
- Front-end performance and Core Web Vitals

In today's exacting digital age, performance is paramount. The top online retailers, Global2000, CDNs, cloud service providers, and xSPs all rely on Catchpoint to ensure high performance and digital resilience by catching issues across the Internet Stack before they impact their customers, workforce or digital experiences. Catchpoint's Internet Performance Monitoring (IPM) suite offers Internet Synthetics, RUM, BGP, Tracing, performance optimization, high fidelity data and flexible visualizations with advanced analytics derived from the world's largest, most detailed, active agent network. Today's digital world requires resilience and exceptional performance, which is why The Internet Relies on Catchpoint.