



Jolokia Networks Success Story

Organization

Jolokia

Industry

Hosting and IT Services

Business Need

High-performance connectivity infrastructure to support differentiation and drive growth

Internap Solution

Internap Performance IP™, Accelerated IP (XIP™) and Content Delivery Network (CDN) services

Results

- Increased the rate of application throughput by up to 2.3 times.
- Reduced latency-related application performance issues for two way traffic between Jolokia hosting sites in Europe and North America.
- Provided cost-effective IP transit alternative which allows for extending the delivery footprint of applications and content.

“As a provider of both content delivery and hosting services, we serve a specialized customer base that requires an optimal Internet experience. The combination of Internap’s advanced IP routing capabilities and XIP gives us a competitive edge.”

Mark Pace

Jolokia
Co-Founder and CTO

Customer Overview

Jolokia Networks, a provider of hosting, streaming and IT services utilizes a private cloud infrastructure, worldwide content distribution and dynamic application acceleration technologies to provide its customers with scalable, secure, and customizable solutions designed for their individual needs.

Jolokia serves a broad client base, and with a deep understanding of the hosting and streaming process, is uniquely adapted to serving clients with a need for performance. Many of the companies it serves are providers of SaaS applications or require solutions to support the delivery of live and on-demand rich media.

By avoiding a one-size-fits-all approach, Jolokia has established a reputation as a provider unequalled in delivering hosted solutions designed to meet the specific needs of its customers. For companies with top-tier products and a focus on providing highly enhanced end-user experiences, Jolokia plays a key role in ensuring that it meets its customer’s expectations for service and performance.

Business Challenge

Jolokia’s relationship as a hands-on partner to many of its customers provided insight into a growing need for services capable of supporting more dynamic applications and delivery models. With strong demand for network services to support cloud-based applications aimed at a group of widely dispersed target users, the Jolokia team recognized that high performance Internet infrastructure and connectivity were key to sustaining the company’s differentiation and driving its growth.

Solution Requirements

Access to a high availability network was at the top of Jolokia’s requirements. With the majority of its customers being SaaS providers, it was crucial that their revenue generating services be supported by a network infrastructure with best-in-class levels of availability.

Excellent latency performance was also high on the list of solution needs, because many of the SaaS applications depend on minimal delay within the connecting network to assure the performance necessary to meet end-user expectations.

Given the wide geographic area served by many of its customers, Jolokia was also seeking to deploy a highly scalable, geographically adaptable solution to assure availability and cost-effective delivery, particularly for rich-media content.

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The Internap solution deployed to address Jolokia's requirements combined Internap's Performance IP, Accelerated IP (XIP) and Content Delivery Network (CDN) services. With an industry-leading Service Level Agreement supporting 100% availability, Internap's route-optimized Performance IP connectivity provides robust networking for Jolokia's customized solutions. XIP, Internap's web acceleration service, enhances application performance and further improves bandwidth utilization. The third element of the solution, Internap CDN, allows Jolokia to provide support for cost-effective delivery of a broad range of file-based content and rich media.

Solution Benefits

Jolokia's goal of providing its customers with innovative, cutting edge performance solutions is supported by its use of Internap's connectivity infrastructure. Since partnering with Internap, Jolokia has experienced many benefits, including:

Performance	Tests performed by Jolokia comparing the difference between XIP accelerated and unaccelerated versions of its NagaCast service, a presentation delivery platform for rich media, showed a performance advantage up to 2.1 times greater for the XIP accelerated application.
Customer Experience	Separate measurements by an independent third party showed application throughput at rates up to 2.3 times faster on Internap's XIP accelerated path versus the unaccelerated path. The improved performance of an IP service accelerated by XIP translates to a significantly enhanced experience for Jolokia's users.
Cost-Effective	XIP is a cost-effective IP transit alternative which allows for extending the delivery footprint of applications and content. In addition, because XIP requires no equipment or service fees, it decreases overall expenditures.
Reliability	Internap's industry-leading SLA supports 100% uptime while maximizing network performance, availability and reliability. Jolokia can pass this guaranteed service along to their business customers, ultimately increasing end users satisfaction.
Technical and Customer Support	Jolokia can trust Internap's technical support and security staff to be available 24/7. All their technical issues can be quickly resolved through Internap's award-winning Network Operations Center.

Bottom Line

Providing flexible alternatives to its customers is a hallmark of the Jolokia model. With demanding customers seeking to make their SaaS services more efficient, more scalable and more cost-effective, Jolokia needed a partner it could count on. Internap has helped Jolokia meet its goals by providing a performance infrastructure that few companies can match. Together, Internap and Jolokia are working to ensure that users stay connected and keep the data flowing.

Why Internap?

Transform your IT Infrastructure into a competitive advantage with IT IQ from Internap, intelligent IT Infrastructure solutions that deliver unparalleled performance, availability and support. Since 1996, thousands of enterprises have entrusted Internap to deliver their online applications across our platform of connectivity, colocation, managed hosting and cloud services.

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