

Barracuda Web Security Flex

Cloud Infrastructure Overview

The infrastructure underlying Barracuda Web Security *Flex* is based on over four years of expertise and leadership in cloud infrastructure development. Barracuda Networks purpose built Barracuda Web Security *Flex* as a true SaaS solution on a global, multi-tenant platform that delivers services to users without impacting performance, effectiveness or availability. Our innovative traffic processing centers and robust network infrastructure combine to deliver high throughput and world-class reliability. As evidence of the market’s acceptance of our efforts, we have highlighted Barracuda Web Security *Flex*’s global footprint in a section below that shows the current state of deployment and usage of the service by customers worldwide.

Traffic Processing Centers and Processing Nodes

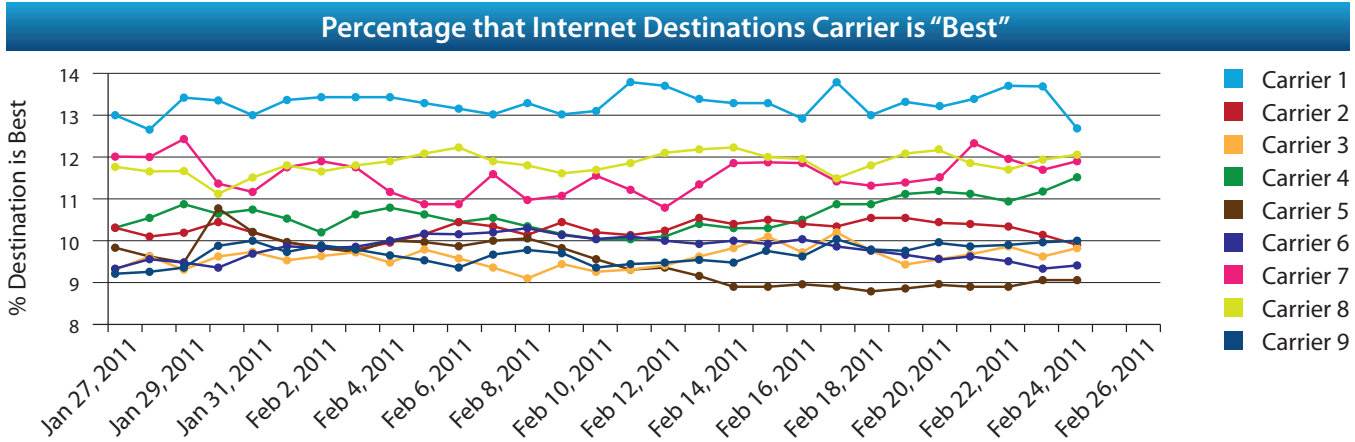
Barracuda Web Security *Flex*’s massively scalable, multi-tenant service infrastructure ensures users do not experience delays while browsing the web. We have designed and contracted a blend of traffic processing centers and processing nodes around the world to ensure the fastest, most reliable performance in the industry. Processing nodes provide proxies and security scanning while traffic processing centers separately handle reporting and archival logs ensuring high-throughput. When users connect to Barracuda Web Security *Flex*, the service automatically routes them to the closest processing node based on distance and network latency. The following map shows the locations of Barracuda Web Security *Flex* datacenters.



Network Infrastructure

Barracuda Web Security *Flex*’s network infrastructure has redundant, high-speed connections to major Internet backbones for unmatched reliability. The platform includes intelligent route-optimization technology that dynamically identifies the best path for your Web traffic. Internet traffic statistics indicate that single carriers provide the best network route only 12% of the time. Using multiple carriers and dynamic routing, we deliver the best route 100% of the time. Our world-class 24X7

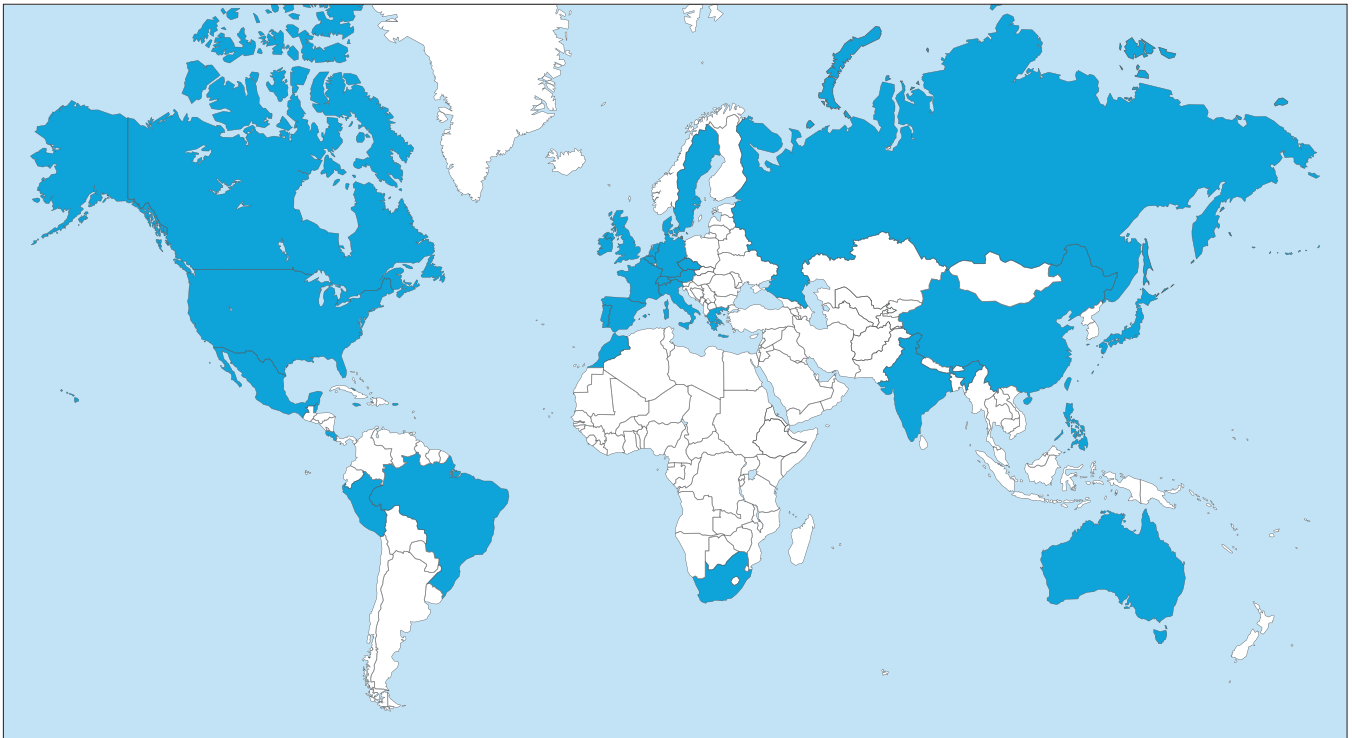
network operations center continuously monitors traffic to and from our data centers as well as the data flow within data centers. Barracuda Web Security Flex's data centers are SAS 70 compliant facilities designed for redundancy, fast disaster recovery and the highest throughputs available.



88% of the time - any one carrier represents a *less than optimal* path across the Internet.

Global Customer Footprint

The reason we have — and are expanding — processing centers on six continents is, Barracuda Web Security Flex customers already reside in more than 50 countries. Barracuda Web Security Flex processes billions of Web requests every month. The countries shown in blue on the map below indicate where active customers currently use Barracuda Web Security Flex.



Data Privacy

In addition to providing high availability and low latency, the Barracuda Web Security *Flex* cloud infrastructure ensures security and privacy for logs and reporting data stored in our data centers.

Data Security

- All server-to-server data communications are encrypted with industry standard technologies including secure HTTP and SSL. Data communications between the service and end users can also be SSL protected using certificates signed by industry standard root authorities.
- Barracuda Web Security *Flex* servers utilize a hardened, stable Linux kernel which is regularly tested for vulnerabilities by third-party security researchers.
- Data representing end user web access is stored on RAID arrays and further secured with redundant servers and secure off-site backup designed for quick restore and recovery.

Physical Security

All data centers and processing nodes are protected against unauthorized access. Access is restricted to authorized personnel and secured with two-factor security with a passcode and biometric scans at various locations including:

- Building entrances
- Colocation facility entrances
- Cage entrances

The list of authorized personnel is controlled and access is only granted as needed. Designated members of the Barracuda operations team have access and in very special cases, Barracuda development engineers may be granted access. Barracuda Networks employees are legally bound to maintain privacy of any customer data they might have access to.

Benefits

Over a Dozen Data Centers – Our cloud platform is deployed across the globe. This means users in any region are always near our cloud.

High Reliability and Availability - Each Barracuda Web Security *Flex* processing node provides fail over capabilities to the other processing nodes. This gives Barracuda Web Security *Flex* carrier-grade availability.

Low Latency – The distributed networks mean traffic reaches our cloud efficiently. Our intelligent network backbone provides optimal routing. Also, our proxy architecture provides high performance computing. Taken together, these platform features ensure Barracuda Web Security *Flex* cloud services do not degrade the user experience with slow response times.

Privacy and Security – We designed our architecture to provide maximum privacy and security. Our data centers have physical security 24X7. For cyber security, we designed network and application security as a seamless layer of the platform architecture and software. This means your data is safe in the Barracuda Web Security *Flex* cloud service infrastructure.

About Barracuda Networks Inc.

Barracuda Networks Inc. combines premises-based gateways and software, virtual appliances, cloud services, and sophisticated remote support to deliver comprehensive content security, data protection and application delivery solutions. The company's expansive product portfolio includes offerings for protection against email, Web and IM threats as well as products that improve application delivery and network access, message archiving, backup and data protection.

Coca-Cola, FedEx, Harvard University, IBM, L'Oreal, and Europcar are among the more than 150,000 organizations protecting their IT infrastructures with Barracuda Networks' range of affordable, easy-to-deploy and manage solutions. Barracuda Networks is privately held with its International headquarters in Campbell, Calif. For more information, please visit www.barracudanetworks.com.