Zscaler® Web Security™

WORLD-CLASS THREAT PROTECTION AND POLICY CONTROL OVER ALL YOUR WEB TRAFFIC

THE ZSCALER PLATFORM

Zscaler's award-winning Security as a Service platform delivers a safe and productive Internet experience for every user, from any device and from any location. Zscaler effectively moves security into the Internet backbone, operating in more than 100 data centers around the world and enabling organizations to fully leverage the promise of cloud and mobile computing with unparalleled and uncompromising protection and performance. Zscaler delivers unified, carrier-grade secure internet, advanced persistent threat (APT) protection, data loss prevention (DLP), SSL decryption, traffic shaping, policy management and threat intelligence—all without the need for on-premise hardware, appliances or software.

The IT landscape has shifted dramatically and the corporate perimeter is disappearing. This is putting huge pressure on your traditional appliance-based security infrastructure, which was designed to protect servers in the corporate data center. In this cloud-centric, mobile-first world, how can you protect all your users, apps and devices, wherever they are?

Zscaler Web Security is a part of our award-winning Security as a Service platform—it sits in-line between your company and the Internet, protecting your enterprise from cyber threats, stopping intellectual property leaks, and ensuring compliance with corporate content and access policies. It monitors your network and user activity, secures roaming users and mobile devices, and manages all of this globally from a single management console.

Zscaler's security capabilities provide defense-in-depth, protecting you from a broad range of threats including malicious URL requests, viruses, Advanced Persistent Threats (APTs), zero-day malware, adware, spyware, botnets, cross-site scripting and much more.

Key Benefits

Pervasive security with no gaps

- Protect all Internet traffic, all users and all devices (including Internet of Things)
- Real-time and always inline—so we can always block threats and data leaks
- Stop data exfiltration and botnet communications from infected devices
- SSL inspection stops threats and data leaks in encrypted traffic
- Intantanious, cloud-wide updates—when a new threat is identified, all 13 million users are instantly protected
- World's largest global security cloud with 100+ data centers and near-zero latency

Visibility and compliance with granular policy controls

- Real time visibility into Internet usage by user, location, and application
- Granular web app access policies across users, devices and locations
- In-depth reporting, security analytics and investigative capabilities in a single, centralized console
- View logs, run reports and correlate data across devices, locations and applications
- Global policy management—one policy follows users all around the world

Simplicity and cost savings

- Pay as you go subscription model
- Integrated security suite eliminates complexity and consolidates point products
- Operating expenses reduced with no appliance boxes to administer, patch and update
- Eliminate backhauling
- No need to buy excess capacity—the Zscaler cloud scales elastically

"We have lost the ability to control the client. The only place to do security is in the network. Zscaler is directly inline, doing packet inspection inline at a very high speed—that's where the value is."

– Tony Ferguson, IT Architect, Man Diesel Turbo

MAN Diesel & Turbo

Security

Inline Threat Protection

Zscaler bi-directionally inspects every byte of your Internet traffic, blocking malware and cyber-attacks with multiple layers of security, including MD5 signature blocking, anti-virus, intrusion detection, content inspection, machine learning, threat assessment, SSL decryption, cloud mining, risk profiling, sandboxing, advanced persistent threat (APT) protection and much more.

Sandboxing/Behavioral Analysis

Zscaler protects against zero-day malware and Advanced Persistent Threats (APTs) by identifying suspicious objects, and executing them in virtual sandboxes. Any malicious behaviors are recorded and analyzed, and malicious objects are automatically blocked across all 13 million Zscaler users in near real-time.

Policy and Compliance

URL Filtering

Limit your organization's exposure to liability by managing access to web content for users, groups and locations. URLs are filtered by global reputation—against more than 90 categories, 30 super categories, and 6 classes.

Cloud Application Visibility & Control

Discover, monitor, protect and control cloud application usage across your organization. Create granular policies to ensure the safe use of business-critical cloud applications, and restrict the use of non-business applications across users, groups and locations.

Bandwidth Control

Easily and efficiently allocate bandwidth to prioritize business critical web applications over recreational usage.

Data Loss Prevention

Zscaler provides full inspection of all Internet traffic, including SSL—ensuring that your confidential information and intellectual property never leak to the Internet.

Management and Visibility

Unified Policy and Reporting

Zscaler delivers one, unified console to create web policy across security, Internet access management and data loss prevention. Administrators manage their own policy—with changes instantly reflected across the entire cloud. The administrative portal also provides a single pane of glass to view and analyze all traffic across all devices and locations in real time.

SIEM Integration

Zscaler Nanolog Streaming Service (NSS) seamlessly transmits web logs from the Zscaler Cloud to your enterprise SIEM in real time. Administrators can choose to send all the logs or specific fields based on interest or the EPS capacity. NSS enables companies to meet compliance mandates on local log archival, correlate web logs to other logs in the SIEM, and even receive real-time alerts on security incidents from the SIEM.

Zscaler Web Security Suites At-A-Glance

	INTERNET SECURITY PLATFORM	PROFESSIONAL WEB SUITE	BUSINESS WEB SUITE	ENTERPRISE WEB SUITE
URL Filtering Granular policy by user, group, location, time and quota	●	●	●	●
Outbound Firewall Granular rules by locations, IP addresses, ports and protocols	●	●	●	●
Global Cloud Platform Protect HQ, remote offices, laptops, smartphones, and IoT devices. Full AD and LDAP integration	●	●	●	●
Real-time Reporting and Logging Report on web transaction, anywhere, in seconds	●	●	●	●
Inline Anti-Virus & Anti-Spyware Signature based anti-malware and full inbound/outbound file inspection		●	●	●
File Type Controls for Uploads/Downloads True file type control by users, groups and destinations		●	●	●
APT Protection—Standard Behavioral Analysis Protect against zero-day threats and vulnerabilities in suspicious files		●	●	●
SSL Inspection Full inspection of all SSL traffic, with granular exclusion policy			●	●
Advanced Threats Protection PageRisk™ and real-time feeds stop phishing, botnets, XSS, Anonymizers and more			●	●
Web Access Control Ensure outdated versions of browsers and plugins are compliant			●	●
Cloud Application Visibility & Control Discover, monitor and control access to thousands of web applications			●	●
Mobile Application Reporting & Controls Visibility, granular policy control, and threat protection for devices on the corporate network			●	●
Data Loss Prevention Inline scanning to identify confidential data leaving the organization				●
Bandwidth Control Protect bandwidth for mission critical web apps by location or time of day				●
APT Protection – Advanced Behavioral Analysis Protect against zero-day threats in all files entering your organization			ADD ON	ADD ON
Nanolog Streaming Service Transmit logs from all users and locations to the SIEM in real time		ADD ON	ADD ON	ADD ON