

WatchGuard® ReputationAuthority™



Stops spam, email-borne malware, web attacks, and blended threats at the network perimeter

ReputationAuthority gathers data from millions of global sources and deployed systems worldwide to identify and block spam, malware, and malicious threats in real-time. By cross-referencing and analyzing data from global feeds and across multiple protocols, this technology goes beyond simple sender or URL reputation to provide an all-encompassing view of the IP address behavior and URL threat risk level.

WatchGuard ReputationAuthority, built into every WatchGuard XCS appliance, is the most effective in-the-cloud, real-time reputation monitoring service on the market today. By using sophisticated next-generation technology to analyze the risk level of incoming email and web-based traffic, it blocks more than 98% of unwanted email traffic with 99.9% accuracy and blocks malicious or compromised URLs at the connection level.

With ReputationAuthority you can take the heat off your email servers by stopping spam and email-borne threats at the perimeter of the network. Not only does this provide solid protection, it saves you from the burden of processing and archiving massive amounts of unwanted email.

ReputationAuthority also provides real-time, dynamic web protection, scanning each and every URL for hostile content, and harnessing millions of continuous updates to the global URL reputation database to keep the network safe in ever-changing web conditions.

NEXT-GENERATION TECHNOLOGY OFFERS INDUSTRY-LEADING PROTECTION

- In-the-cloud technology ensures real-time protection from existing and emerging threats to provide a powerful first line of defense. Blocks more than 98% of unwanted or hostile traffic at the perimeter.
- Provides reputation scores based on continuously updated spam and threat data from across the globe – unlike older reputation services that only look at historical blacklists of known spammers.
- Combines historical information with patented, adaptive identification techniques, including deep content inspection (what is being received), sender/IP/URL information (who is sending it), and behavioral analysis. This determines an accurate risk level for data attempting to enter your network.

DYNAMIC PROTECTION BASED ON MULTI-LAYERED, REAL-TIME INTELLIGENCE

- Cross-references and analyzes vast amounts of data, combining hundreds of metrics about a connecting IP or URL before assessing a score. Ensures traffic from malicious or suspicious IP addresses or web pages never enters your network.
- Examines more than 2.5 billion emails per day and over 50 billion web pages, harnessing feeds from multiple sources including global email reputation databases and industry-leading anti-virus engines.
- Streams real-time alerts of newly discovered threats from anywhere in the global network to repel future attacks.

FASTER, SAFER WEB SURFING

- Assigns web reputation scores for the all the URLs requested, not just the site or IP address, closing the security gap that simple URL filtering leaves open.
- Scans URLs to determine security risk level of each and every web page and immediately blocks URLs with bad reputation scores at the connection level, while allowing URLs with good reputations to safely pass into the network. Only URLs with unknown reputations need undergo additional AV scanning.
- Because up to 50% of URL scanning can be skipped without compromising security, the result is faster browsing times and greater throughput at the gateway.

COMPREHENSIVE MULTI-PROTOCOL SPAM, MALWARE & BLENDED THREAT PROTECTION

- Rejects spammer-probing, spam, and phishing attacks by identifying unknown recipients.
- Applies malware, spyware, and spam signature scanning.
- Examines embedded links, headers, attachments, and message content for blended threat protection.

INCREASED NETWORK PERFORMANCE & REDUCED COSTS

- Eliminates burdens associated with processing resource-intensive, unfiltered email and web-based traffic, freeing your network for safe, legitimate traffic.
- Reduces the size of compliance-mandated email archives.
- Decreases processing, bandwidth, storage, and backup costs throughout your network.

Fully Integrated Security for Real-Time Protection



1. Message traffic from email and web comes to the network perimeter from the Internet.
2. WatchGuard ReputationAuthority inspects all of the email and web-based traffic, looking to block unwanted traffic such as spam and malware at the connection level.
3. All clean and wanted traffic is allowed into the network for preprocessing and routing by WatchGuard XCS.
4. If any additional spam or threats are discovered by the WatchGuard XCS defense-in-depth layers of protection, the message is prevented from continuing, and discovery is reported back to WatchGuard ReputationAuthority to block future traffic of its kind.
5. Clean traffic is routed and presented to end users.

Dynamic Protection Based on Multi-Layered, Real-Time Intelligence

Deploying ReputationAuthority at your network perimeter is like using call display on your phone. You accept calls from people you know and trust, screen the ones you don't know, and reject suspicious or unwanted calls.

Similarly, using the real-time intelligence of WatchGuard ReputationAuthority, your organization can eliminate risks from inbound email and web-based traffic by blocking bad traffic and allowing trusted traffic, while quarantining questionable traffic for further analysis. It all takes place at the perimeter of your network to optimize bandwidth.

Besides adding a critical level of advanced multi-layered protection to accurately detect and block spam and malicious multi-protocol traffic, ReputationAuthority can save your organization considerable costs by improving bandwidth, reducing infrastructure expenses, and eliminating the need to archive and store unwanted traffic that enters the network. And because this service is cloud-based, it can scale to support explosive traffic growth, without requiring your organization to devote more hardware to network protection.

For more information on WatchGuard ReputationAuthority and our complete line of powerful WatchGuard XCS solutions, visit www.watchguard.com/xcs.

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