



DNS Security Filtering



MCNC's DNS Security Filtering is a cloud-based security service powered by Akamai's Enterprise Threat Protector platform. The service protects against malware, ransomware, phishing, and DNS data exfiltration by automatically checking requested domains against Akamai's real-time domain risk scoring engine. Domains and IP addresses associated with malicious sites will not be resolved, preventing users from accessing the malicious sites.



EASY TO DEPLOY

Preconfigured settings make installation and use a breeze.



LOW COST, HIGH IMPACT

Pay only for full time employees, but get coverage for the ENTIRE network.



NO HARDWARE REQUIRED

On-site equipment is not needed making integration seamless



ROBUST AND RELIABLE

Built on the carrier grade Akamai Enterprise Threat Protection Platform.



STRONG NETWORK DEFENSE

Provides a high security value through a filtered DNS Server.



KNOWN THREAT PROTECTION

Malware, Phishing, Command and Control (Botnet), DNS Exfiltration

All The Power For A Fraction Of The Cost

"The service paid for itself in one phishing attack! When folks clicked the email document, it looked like nothing happened, however when I investigated I found out that the document was redirecting them to a site that was being blocked by the DNS filtering service. If it hadn't been for the DNS Filtering Service we would have been hit hard."

JEFFREY C BENFIELD

Chief Information Officer, Mitchell Community College

Contact us for a quote at **(919) 248-1999** or via email at **info@mcnc.org**. Visit us online at **www.mcnc.org/our-solutions/security/dns-security-filtering** to get your DNS Filtering Solution today.



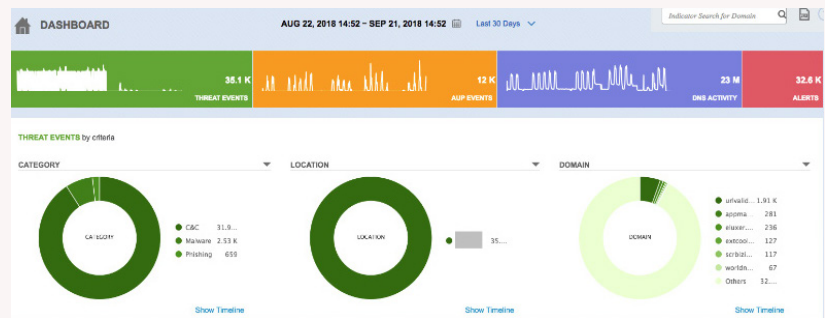
Portal

Acceptable Use Policy (AUP) Management Page

Policies are easily managed and changed

Akamai Security Custom Security Acceptable Use Policy		
Categories	Subcategories	Block
▶ Adult ⓘ		<input checked="" type="checkbox"/>
▶ Alcohol ⓘ		<input type="checkbox"/>
Cyberbullying ⓘ		<input type="checkbox"/>
▶ Dating ⓘ		<input type="checkbox"/>
Drugs ⓘ		<input type="checkbox"/>
File Sharing ⓘ		<input type="checkbox"/>
▶ Gambling ⓘ		<input type="checkbox"/>
Games ⓘ		<input type="checkbox"/>
▼ Illegal ⓘ		<input checked="" type="checkbox"/>
	Criminal Skills ⓘ	<input type="checkbox"/>
	Hacking ⓘ	<input type="checkbox"/>
	Plagiarism ⓘ	<input type="checkbox"/>
▶ Large Bandwidth ⓘ		<input type="checkbox"/>
▶ Pornography ⓘ		<input type="checkbox"/>
Remote Access ⓘ		<input type="checkbox"/>
▶ Social ⓘ		<input type="checkbox"/>
▶ Sports ⓘ		<input type="checkbox"/>
▶ Suicide ⓘ		<input type="checkbox"/>
▶ Tobacco ⓘ		<input type="checkbox"/>
▶ Violence And Hate ⓘ		<input type="checkbox"/>
▶ Weapons ⓘ		<input type="checkbox"/>

DNS Security Filtering Dashboard



Security Policy Configuration Page

Where the 4 threat categories are configured (Malware, Phishing, C&C and DNS Exfiltration)

Akamai Security Custom Security Acceptable Use Policy			
Category	Type	Threat Response ⓘ	Send Alert
Malware ⓘ	Known	Block - Error Page	<input type="checkbox"/>
	Suspected	Monitor	<input type="checkbox"/>
Phishing ⓘ	Known	Block - Error Page	<input type="checkbox"/>
	Suspected	Monitor	<input type="checkbox"/>
C&C ⓘ	Known	Block - Error Page	<input type="checkbox"/>
	Suspected	Monitor	<input type="checkbox"/>
DNS Exfiltration ⓘ	Known	Block - DNS	<input type="checkbox"/>
	Suspected	Monitor	<input type="checkbox"/>

Main Policy ⓘ

Main Policy ⓘ

Locations (1) ⓘ

MCNC Guest Wireless Location

Proxy Settings

Enable Proxy ☐

Other Settings

Safe Search ☐

YouTube Unrestr... ▼

CDN Optimization ☐

► REAL TIME THREAT INTELLIGENCE

Up-to-the-minute threat intelligence with low false positives.

► AUP MANAGEMENT

Customize and enforce your enterprise AUP and ensure compliance by limiting access to certain content categories.

► ANALYSIS AND REPORTING

Real-time insight via an easy-to-use dashboard into all outbound enterprise DNS traffic.

► SECURITY INSIGHTS

Quickly understand why Akamai has added a domain or a URL to its threat intelligence lists.

► LOGGING

DNS logs are retained for 30 days and can easily be exported as a .CSV file or integrated into a SIEM for further analysis.

► ENTERPRISE CONNECTORS

End-point client, Sinkhole, and ETP Proxy features available at no additional cost.

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