MAZEBOLT

DATASHEET

Continuous Detection and Elimination of DDoS Threats.

Distributed denial-of-service (DDoS) attacks are increasing in scale and ferocity, overwhelming businesses globally. The number of DDoS attacks, doubled in the first quarter of 2020 compared to Q4 2019 and 80% more than in Q1 2019. The attacks are launched with stealth using high volume traffic and low and slow application targeting. Professional hackers are constantly seeking ways to disrupt traffic flow, discolor customer experience and inevitably lead to loss of revenue.

RADAR™, MazeBolt's new patented technology, provides a top layer to any DDoS mitigation system, providing continuous DDoS threat simulations, with no disruptions or need for maintenance windows. It assists organizations in achieving, maintaining, and verifying the continuous closing of their DDoS vulnerability gaps. Reducing and maintaining the vulnerability level from an average of 48% to under 2% ongoing.

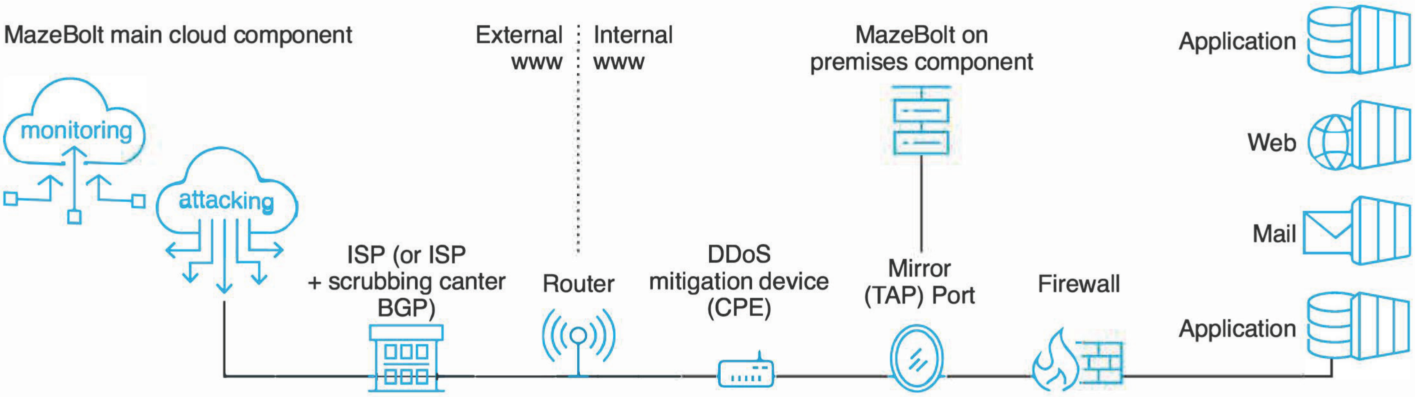
The DDoS RADAR™ Components

Cloud Component	On Premise Component
1 // Monitors the targets response time by sending legitimate requests to the targets and measure the time taken to get a response 2 // Validate DDoS vulnerability level by transmitting a very low rate DDoS attacks to the monitored target 3 // Identifies real-time changes in response times during validation	1 // Synchronizes with Could Component before & after each test 2 // Monitors all traffic downstream from the DDoS mitigation device or scrubbing service during test to identify leakage

What's Inside?

- Eliminate DDoS vulnerabilities to under 2%
- Continuous and automated non-disruptive detection of DDoS vulnerabilities
- No maintenance windows required
- Covering the entire All IP ranges. 100+ simulations against each IP
- More than 50,000 vulnerability attack simulations annually
- Quickly validate remediation of configurations
- Managed service - Professional services to guide remediation identified vulnerabilities
- RADAR™ works with any mitigation platform to provide end to end full coverage

The DDoS RADAR™ Network Setup


MazeBolt main cloud component
External www
Internal www
MazeBolt on premises component
Application
Web
Mail
Application
monitoring
attacking
ISP (or ISP + scrubbing canter BGP)
Router
DDoS mitigation device (CPE)
Mirror (TAP) Port
Firewall

Technical Specifications

Deployment Considerations

The DDoS RADAR™ currently validates the supported setups listed below:

- Datacenter with CPE equipment protection
- Datacenter with BGP scrubbing center service protection
- Datacenter with a hybrid of BGP and scrubbing center protections

Other Deployment Considerations

- Deploy after DDoS mitigation
- Able to read true source IPs
- Management Port
- Services Scanning
- DDoS RADAR™ simulation

Security Considerations

MazeBolt's platform and DDoS RADAR™ adheres to strict security standards

- Secure coding practices and ISO compliant
- Fully installed and quality assured hardware along with virtual platforms
- All intercommunication, incoming and outgoing traffic from the DDoS RADAR™ is encrypted using TLs (HTPS)
- No private data is captured, used or exposed.
- MazeBolt's platform secured using TLS (HTTPS)

Why DDoS RADAR™

Description	Red Team DDoS Testing	Mitigation	MazeBolt RADAR™
Downtime under successful attack	YES	65%	NO
Testing frequency	About twice a year	N/A	Continuous
DDoS attack vectors checked per target	Less than 20	N/A	More than 100
How many target IP's tested - Against all attack vectors	Sample - Under 5 IP's	N/A	Complete - Over 1000 IP's
Vulnerability gap	48%	48%	Under 2%
Vulnerability reports	Per test	NO	Continuous - Daily
Cost	$	$$$	$$
Attack response	N/A	Reactive when an attack happens	Continuous before an attack happens
Detection of successful attacks	Sample only - At time of test - time of test only	During attack	Full detection - Before an attack & continuous
Added costs for Red Team testing - On Demand	YES	YES	NO

About MazeBolt

MazeBolt is an innovation leader in cybersecurity and part of the DDoS mitigation space. Offering full DDoS risk detection and elimination, and working with any mitigation system to provide end to end full coverage. Supporting organizations in avoiding downtime and closing DDoS vulnerabilities before an attack happens.

For more information,
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