

Trend Micro™

Botnet Identification Service

In-the-Cloud Botnet Protection for Large Networks

Today, industry reports show 16 to 25 percent of all PCs are infected with bots, which are used illegally to spew an estimated 80 to 90 percent of all spam. Botnets, large networks of bot-infected computers, are not only used for spamming, but also to launch network and phishing attacks, data and identity theft, click fraud, and other criminal schemes.

Trend Micro™ Botnet Identification Service pinpoints the location of bot command-and-control servers and disrupts communications between them and the bots they control. By breaking their ability to communicate, the bots are rendered useless—before they can degrade network performance, damage your brand image, spread and increase support costs.

As part of SecureCloud, Trend Micro's new Software as a Service security platform, Botnet Identification Service is completely scalable and delivers up-to-the-minute global threat intelligence for superior bot detection. Only known and active command-and-control servers are blocked—so end users with bot-infected PCs can continue to access other Internet sites.

KEY FEATURES

Botnet Identification Team

- Analyzes network traffic and bot behavior to identify botnet command-and-control servers
- Continually monitors the servers to verify and block only those that are currently active
- Delivers a live feed of IPv4 and IPv6 addresses with details on the confidence factor and type of threat

Real-Time Botnet Protection

- Blocks communication to/ from command-and-control servers based on IP address
- Prevents bots from being used to spew spam and launch crime-related attacks
- Protects end users from losing personal and proprietary information
- Preserves brand image by stopping bots from flooding other networks with spam and malware

Ease of Management

- Minimizes IT administration by allowing bot-infected PCs to continue to access other sites
- Automates updates with a real-time eBGP feed direct to your routers and network systems
- Reduces support calls by improving network performance and end user satisfaction
- Enables reporting that can be used to identify and provide remediation to clean infected machines

SERVICES

Protection Points

- Network Router

Threat Protection

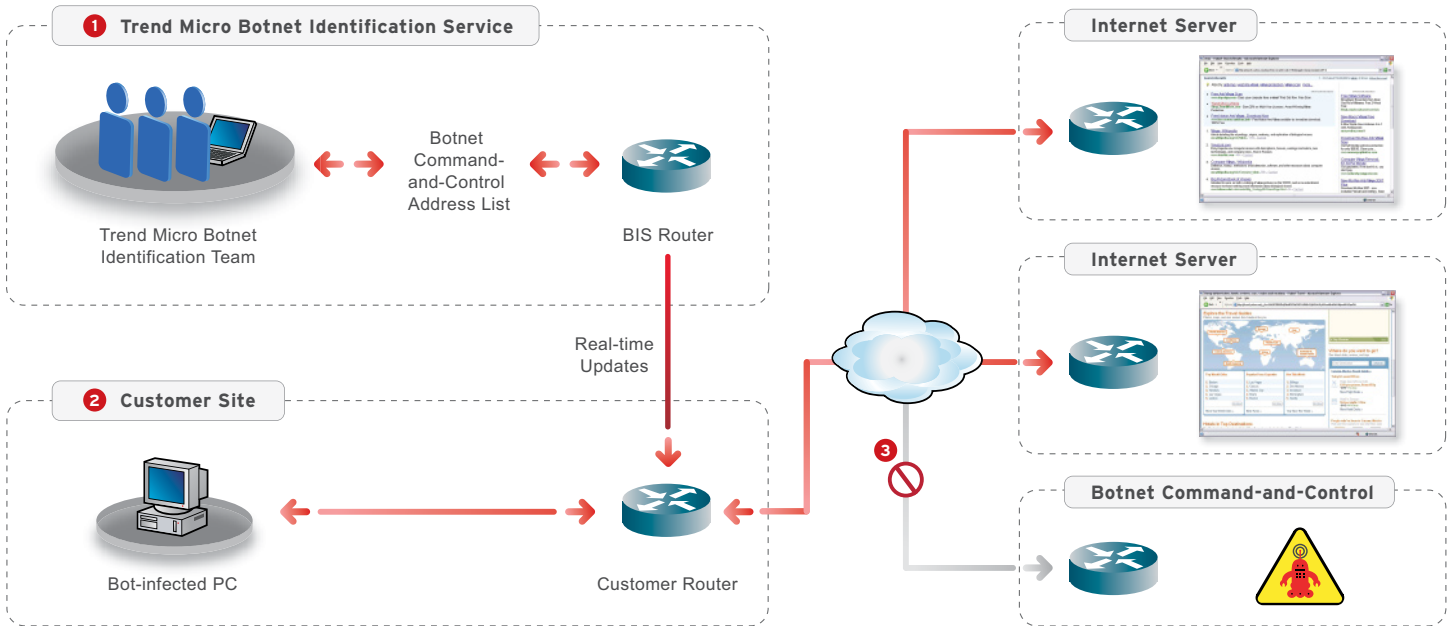
- Bots and botnets
- Spam
- Phishing and pharming
- Viruses
- Spyware

KEY BENEFITS

- Stops bot activity by blocking communications with command-and-control
- Protects brand image, network performance, and private data
- Eliminates impact on the network by blocking threats at the outermost layer
- Allows bot-infected PCs to continue to access other Web sites
- Provides up-to-the minute protection with timely updates and bot intelligence

Trend Micro Threat Expertise

The Trend Micro Bot Identification Team is a dedicated group of security specialists who monitor global bot activity, analyze bot behavior, investigate bot herders, and continuously send threat intelligence and security updates to the Botnet Identification Service—for the most accurate, effective bot protection available.



Botnet Identification Service blocks communications between bots and their command-and-control servers.

- Step 1** Botnet Identification Team continually monitors botnets and updates the Botnet Command-and-Control Address list
- Step 2** Delivers real-time updates to customer routers
- Step 3** Blocks communications to and from botnet command-and-control servers

MINIMUM SYSTEM REQUIREMENTS

1 or more routers or servers

- Sufficient memory to support between 2000 and 10000 prefixes
- Support for eBGP protocol
- Support for MD5 or IPSEC authentication
- CPU processing power capable of 1000 prefix changes per minute

Online Resources

- [Botnet Identification Service](#)
- [SecureCloud Portal](#)

Complementary Products and Services

- Email Reputation Services
- InterScan Messaging Security Suite
- InterScan Messaging Hosted Security
- InterScan Messaging Security Appliance
- Spam Prevention Solution



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