

Overview

dns5 is the one of the ways we **make the internet better** for everyone. dns5 is our powerful fabric of network protection, network augmentation, network intelligence, navigation assistance and threat mitigation. Equally as important, everything that we do is **standards compliant and works seamlessly** with all internet devices and applications.

Everyone claims to provide added security to networks and end users. That is happening because no solution can solve all the internet's ills. It takes a combined and collaborative approach to reduce the risk of malicious activity on the internet. europe5 decided to do its part and let the DNS to contribute to the cause of a cleaner, safer, more robust and more useful internet. **We've taken DNS to a whole new level** with threat mitigation services such as our **spam mitigation solution, botnet detection and protection service and proactive threat detection and alerting functions.**

Key features

- > SPECIAL PURPOSE, SOFTWARE-ONLY RECURSIVE DNS SERVER
- > ADVANCED QUERY HANDLING FOR PROVEN PERFORMANCE
- > ATTACK DAMPENING AND ON-THE-FLY CONFIGURATION FOR ZERO DOWNTIME
- > INTELLIGENCE LAYER FOR REMOTE MONITORING, ON-LINE DIAGNOSTICS, AND DYNAMIC IMPROVEMENT
- > FULL NETWORK VISIBILITY AND EVENT AWARENESS
- > SUPPORT FOR MULTIPLE OS AND HARDWARE PLATFORMS

the safe way to quality.

benefits and solutions

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Network owner benefits

- > FAST AND STABLE INTERNET EXPERIENCE
- > FLEXIBILITY TO CHOOSE THE HARDWARE AND OS FOR YOUR NETWORK
- > REAL ROI—LOWER OPEX, DECREASED CAPEX, NO ARCHITECTURAL CHANGES
- > PLATFORM FOR SERVICE CREATION—NETWORK PROTECTION, NAVIGATION ASSISTANCE, ETC.
- > EVENT AWARENESS—REAL-TIME ALERTS TO NETWORK OPERATORS AND ADMINISTRATORS
- > NETWORK VISIBILITY—FULL-FEATURED REAL-TIME REPORTING OF DNS TRAFFIC AND TRENDS

End-user benefits

- > ALWAYS AVAILABLE, FAST INTERNET EXPERIENCE
- > FREEDOM FROM SITE SPOOFING AND IDENTITY THEFT
- > MORE VALUE TO EXISTING INTERNET SERVICE
- > APPLICATIONS WORK AS OPTIMALLY INTENDED
- > SUPPORT FOR NEXT GENERATION APPLICATIONS
- > ADDITIONAL, INTEGRATED SERVICE OFFERINGS FROM YOUR ISP

E-mail & messaging

dns5 supports all kinds of IP applications, including email & messaging, but in combination with MXDR, provide a powerful spam mitigation solution in use in many large networks.

Network protection

In conjunction with the MDR software module can identify infected hosts and prevent access to Web resources that are known to be malicious, providing vital protection to the network and eliminating the need to add extra infrastructure to support 'bad' traffic.

Navigation assistance

The TDR solution redirects users to a user-friendly search page, rather than sending a confusing and unhelpful NXDomain (NXD) response.

In this application, the scalability of dns5 truly shines offering real returns for network owners deploying this class of service on our system.