



DEEDOC MANAGED SECURITY SERVICES (DMSS)

Managed Anti-DDoS

24/7 SUPPORT

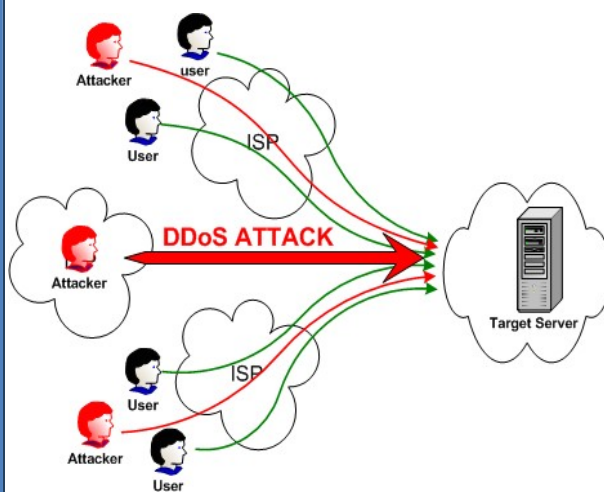
Deedoc Managed Security Services (DMSS) prides itself in providing around-the-clock expert support, as well as forensics support in its Managed Anti-DDoS offering. With expert support, DMSS will work with your organization's security officers and IT staff in stopping DDoS attacks at point of reach and track the source, and patch up area of network vulnerability.

NETWORK OPERATIONS (NOC) SUPPORT

With its state-of-the-art and high-end network operations center, DMSS will monitor your organization's network traffic to and from the servers, network performance, and alarms. The DMSS NOC is located at our remote headquarters in North Carolina, United States and will monitor networks throughout the world 24/7.

SPAM AND VIRUS FILTERING

The service includes a spam and virus filtering feature that halts malicious codes and software from reaching the organization's servers, and intra-company workstation.



Service Features includes:

- 24/7 DDoS expert support on targeted attacks
- 24/7 Network Operations Center support
- DDoS protection from Layer-3 to Layer-7 attacks; 40,000,000 packet-per-second rate on Layer-3
- Local DDoS-free data distribution and distributed mitigation capacity
- High-performance route aggregation
- Spam and virus filtering
- Mapping/Scanning prevention and application protection

Distributed Denial of Service (DDoS) attacks are daily threats to enterprises today. From crippling latency, to disturbance of operations, to complete denial of service, the impact of DDoS on business cannot be ignored. DDoS attacks can lead to tremendous loss of revenue, customers, goodwill, and unsalvageable loss of reputation.

Many businesses put themselves in risk of being attacked by DDoS when unprepared for attacks. At times the high cost associated with implementing specialized infrastructure and committed bandwidth for protection deters many companies, thus leaves them wide open for attacks. Yet, the financial costs for post-DDoS attack recovery can be staggering without taking into account the blow in public reputation. Entire networks have been disabled and shut down by DDoS attacks.

Effective DDoS defense requires a robust and dynamic detection and mitigation solution that allows for both proxy and tunnel provisioning. In hindsight, distributed denial of service (DDoS) attacks demand specialized attention. A truly effective DDoS prevention will be provided by DeeDoc Managed Security Services (DMSS), which involves protecting all network layers, identifying both DDoS delivery mechanisms and source, and stopping the delivery mechanisms. DMSS can filter and protect your organization regardless of the existing network resources, security hardware, and physical location. The DMSS DDoS detection and protection services are backed by an unmatched service level agreement.



Service Benefits

PROTECTION VS. LAYER 3 TO 7 DDoS ATTACKS

DMSS provides layer 3-7 DDoS protection, which protects particular resources that the attacker targets.

ZERO DOWNTIME

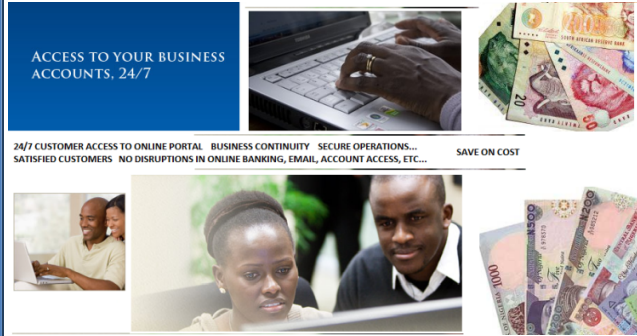
With the DMSS Managed Anti-DDoS, there will be zero downtime for your organization's website, server, and network as targeted by DDoS attacks. The DMSS Team includes experts in monitoring, maintaining business continuity, and training IT staffing on network security procedures and business continuity.

TURNKEY SOLUTIONS

DMSS provides an all-inclusive anti-DDoS solution that provides 24/7 monitoring, detection, prevention, mitigation, firewalling, and remote support. Regardless of network infrastructure and need, DMSS's Managed Anti-DDoS solution is ready to serve and protect your organization's business continuity and customer trust. We also provide customizable packages that are based on particular needs.

For more information on any of our products or services please visit us on the Web at:

<http://www.deedoc.com>



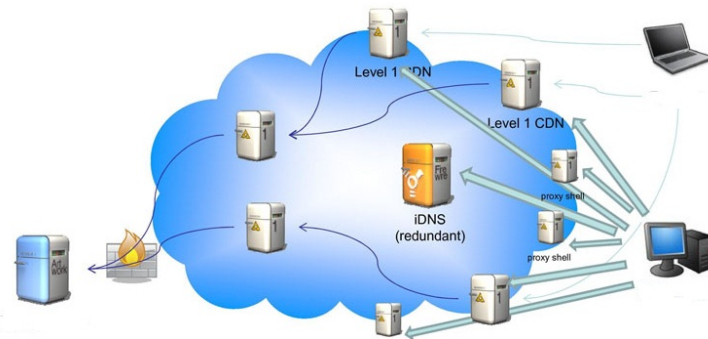
24/7 CUSTOMER ACCESS TO ONLINE PORTAL BUSINESS CONTINUITY SECURE OPERATIONS... SATISFIED CUSTOMERS NO DISRUPTIONS IN ONLINE BANKING, EMAIL, ACCOUNT ACCESS, ETC... SAVE ON COST

Benefits of DMSS Anti-DDoS include:

- Creating business continuity
- Reducing costs associated with data recovery and lost business resulting from DDoS attacks
- Improving overall network performance
- Protecting the integrity and availability of you organization's online presence and brand

DeeDoc Managed Security Services (DMSS) supports any network infrastructure, locations, and industry in managing our Anti-DDoS solution.

Figure 1: DMSS Level 1 Anti-DDoS over XYZ Bank



The Level 1 DMSS Server receives requests from customers and the source of DDoS. Some of the servers are used as proxy shells which can be activated to handle DDoS attacks upon discovery.



The source of the DDoS attacks (attacker).



The end-user or company customer (e.g. bank customer) attempting access the company website. The end user could possibly be used by DDoS source to attack as well.



The company's, or client's, source server that houses its website content, email, and online services. This will be protected by and sit behind a firewall.

OTHER AVAILABLE SERVICES

- Installation & Setup
- Firewall Setup & Management
- Network Monitoring
- Intrusion Detection (IDS)
- Intrusion Prevention (IPS)
- Network Security Training
- Mitigation

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