SECURE64™

Secure64® DNS MANAGER™

Simple, centralized DNS management

DATA SHEET

DNS MANAGER

KEY BENEFITS

- Reduce DNS server total cost of ownership
- Eliminate configuration errors that can impact service availability
- Support the staged rollout of new software
- Identify issues before they impact service availability
- Simplify troubleshooting and capacity planning
- Manage your DNS infrastructure from anywhere in the world

KEY FEATURES

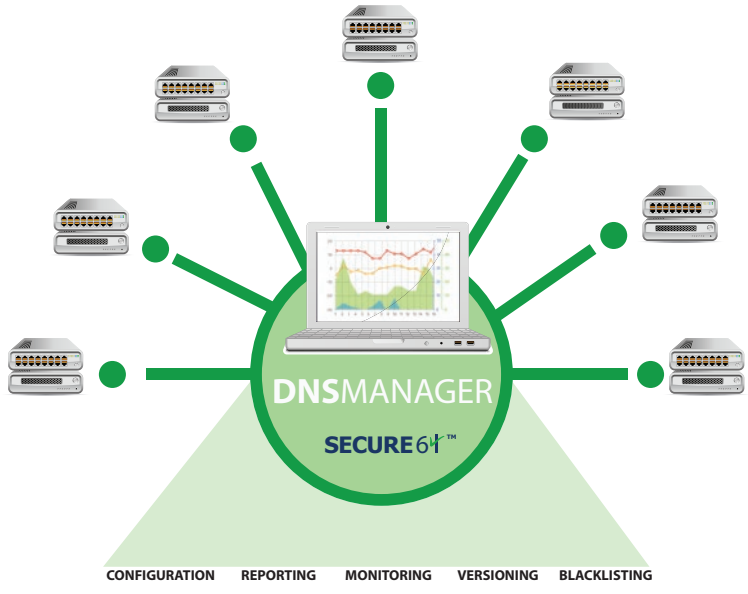
- Update and rollback DNS server software revisions
- Revise configurations, easily track and control server updates
- Monitor critical operating parameters in real time
- Generate email alerts when key performance indicators exceed thresholds
- Report key statistics for capacity and usage trending
- Access through simple, browser-based graphical user interface

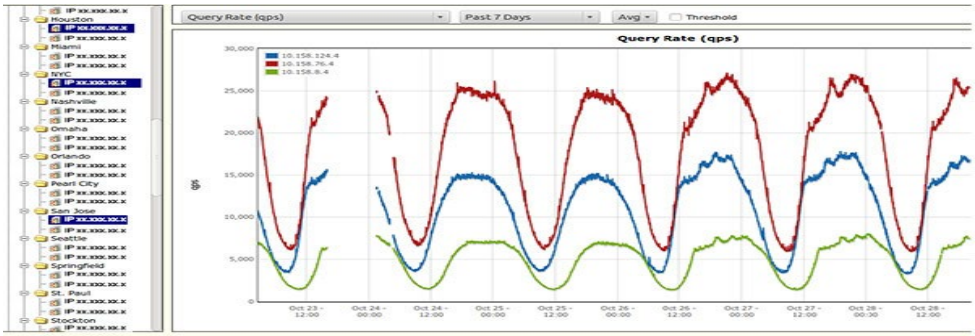
DNS MANAGER

Managing a few DNS servers is easily accomplished. Managing many is another matter. Software versions must be tested and rolled out in a controlled fashion; configurations must be standardized, deployed across the network and maintained over time; servers must be monitored in real time to identify bottlenecks or troubleshoot issues; and capacity planners must use long term trend data. Performing these activities manually is both time consuming and error-prone, and does not provide necessary control and visibility into network changes and activity.

Secure64 DNS Manager provides centralized management of Secure64 DNS software and configurations, and provides network-wide monitoring of key performance indicators. With DNS Manager, users can reduce the time required to manage and monitor DNS networks while gaining control and visibility into software and configuration changes.

Simple, Centralized DNS Management





Full-featured configuration and monitoring

Controlled Software Rollout

Updates to mission-critical software like the DNS need to be rolled out carefully in order to minimize risk and maintain strict Service Level Agreements. DNS Manager allows software upgrades on one, multiple or all servers. This allows new software to be tested and certified in a lab setting before committing to production. It also enables a phased rollout of new software, where software updates are performed during regularly scheduled maintenance windows.

Powerful Configuration

Management

In an environment consisting of many DNS servers, there are likely to be differences in configurations. DNS Manager allows the creation of groups of servers and assignment of configurations to a group. Groups may be arranged hierarchically, to give maximum flexibility to organize the network.

Once servers are defined and organized, configurations may be assigned to one, several, or all servers in the network. Common configuration parameters may be assigned to all servers in the network, whereas settings specific to subsets of servers may be assigned at the group level, and IP addresses and other server-specific information are assigned to each specific server.

All configuration file or software version change events are logged. Authorized users can rollback to previous software versions.

Monitoring and Alerting

Attacks, network issues, hardware failures and other DNS service-impacting events must be identified and rectified as quickly as possible. DNS Manager is able to monitor key system and DNS performance indicators across the network, including CPU, disk and memory utilization, packet rate, interface status, connectivity status, DNS service status, queries per second and cache hit. Email alerts can be generated whenever one or more of these KPI's exceeds a user defined threshold so that bottlenecks and pending failures can be identified before they impact customers.

Reporting

DNS Manager tracks key statistics over time and allows the generation of a variety of reports that can simplify capacity planning and gain visibility into network-wide DNS activity. Report data can be exported to CSV files for detailed analysis, and frequently needed reports can be set up for regularly scheduled email delivery.

Blacklisting

Whether internal or legally mandated blacklists are deployed, or if the Secure64 DNS Guard service is utilized, DNS Manager simplifies the process of obtaining, whitelisting and distributing blacklists across the DNS network.

Blacklist policies are highly configurable, enabling the specification of where and how the blacklist is retrieved, how frequently to check for updates, when to update DNS servers, and whether queries matching a blacklist item are to be dropped, failed or redirected.

Powerful blacklist reports provide insight into potentially malicious activity, enabling customer protection while increasing customer satisfaction, reducing churn and recapturing bandwidth.

SECURE64 DNS MANAGER

DNS Manager is available either as a hardened physical appliance or as a virtual appliance.

PHYSICAL APPLIANCE

- Call Secure64 for specific models and configurations

VIRTUAL APPLIANCE

- VMware ESXi version 5.1

D N S M A N A G E R

Learn more about Secure64 DNS solutions at www.secure64.com

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