FORTIOS 4.0™ SOFTWARE

FortiOS 4.0 Feature Overview (Flash)

FortiOS is a security-hardened, purpose-built operating system that is the software foundation of FortiGate multi-threat network security platforms. FortiOS software provides multiple layers of security for a variety of applications and content types, including Web, Email, FTP, IM/P2P, and NNTP. The main security features of FortiOS software include Firewall, Virtual Private Networking (IPSec and SSL VPN), Antivirus, Intrusion Prevention, Web filtering, and Antispam.

FortiOS 4.0 software redefines network security by extending the scope of integrated security and networking capabilities within the FortiGate multi-threat network security platforms. Regardless of the size of your organization, you can benefit from the most comprehensive suite of security and networking services within a single device on the market today.

In addition to the enterprise-class security features describe above, FortiOS 4.0 software also includes a wide range of features that increase your content and network security while reducing your operating and capital costs. FortiOS 4.0 software continues to deliver on its mission to enable secure business communications while offering the best security, performance, and total cost of ownership possible. The latest release now includes these features:

Antivirus/Antispyware
FortiOS gives you the choice of up to four options for protection from malware. In addition to three proxy-based antivirus databases, FortiOS also now includes a high-performance flow-based antivirus option. The new flow-based option scans files as they pass through the device, allowing you to scan files of any size and still maintain the highest levels of performance. By providing you the flexibility to choose your antivirus engine, you can balance your performance and security requirements for your environment.

Voice Security
Integrated VoIP security features give administrators the ability to enforce VoIP security in the mid-enterprise and distributed enterprise/ROBO/SOHO segments; providing additional security for organizations using an IP PBX, Unified Communication, and/or SIP trunking to lower costs and consolidate network infrastructure.

WAN Optimization
WAN optimization provides acceleration for applications traversing slower network connections - which are typically WANs. The combination of multi-

threat security, traffic optimization, and VPN technologies provides cleaned, accelerated, and secured communications.

Application Control
Application control uses our dynamic application identification engine that recognizes applications based on their behavior. By coupling application control policies with sophisticated security features, administrators can achieve comprehensive protection with granular and more meaningful policies. With the latest release of FortiOS, options for traffic shaping can be applied to individual applications or categories of applications. Also, more statistics are available for analysis of application popularity and traffic/bandwidth utilization.

Data Loss Prevention (DLP)
DLP uses a sophisticated pattern-matching engine to identify then prevent the communication of sensitive information outside of the network perimeter. In addition, DLP technology also provides audit trails for data and files, which can aid in legislative compliance.

SSL Inspection
SSL inspection ensures protection from malware infection that secured protocols may camouflage. This allows the FortiGate to decrypt the data passing through the SSL-encrypted connection. Once decrypted, the data can be passed to FortiOS security engines for inspection.

Web Filtering
Fortinet's web filtering dataset categorizes more than 57 million web sites into more than 75 categories and scores of subcategories to give network security managers simplified and optimized enforcement of acceptable use policies. FortiOS now supports the assignment of time-based quotas to users for each FortiGuard category and subcategory. For example, web browsing of entertainment sites could be permitted for a limited duration such as 30 minutes.