Frequently Asked Questions

Learn more about Forefront Threat Management Gateway by reading answers to frequently asked questions. Discover how Forefront Threat Management Gateway can help you secure your application infrastructure, streamline your network, and safeguard your IT environment.

Q. [What is Forefront Threat Management Gateway?](#)

A.

Forefront Threat Management Gateway 2010 (TMG) enables businesses by allowing employee to safely and productively use the Internet for business without worrying about malware and other threats. It provides multiple layers of continuously updated protections – including URL filtering, antimalware inspection, intrusion prevention, application proxy, and HTTP/HTTPS inspection - that are integrated into a unified, easy to manage gateway, reducing the cost and complexity of Web security. Forefront TMG enables organizations to perform highly accurate Web security enforcement by stopping employee access to dangerous site, based on reputation information from multiple Web security vendors and the technology that protects Internet Explorer 8 users from malware and phishing sites.

Q. [What features does Forefront Threat Management Gateway 2010 SP1 include?](#)

A.

This service pack will include a number of improved features and enhancements, including:

- **Improved reporting features**

 * New User activity reports to monitor Web surfing information
 * New look and feel for all TMG reports

- **Enhancements to URL filtering**

  * User override for access restriction on sites blocked by URL filtering, allowing more flexible and easier deployment of web access policy
 * Override for URL categorization on the enterprise level
 * Customized denial notification pages to fit an organization's needs

- **Enhanced branch office support**

 * Simplified deployment of BranchCache at the branch office (for Windows Server 2008 R2 users), using Forefront TMG as the Hosted Cache
    Server
 * Forefront TMG and a read-only domain control can be located on the same server, reducing TCO at branch offices

- **Support for publishing SharePoint 2010**

Q. [What is a secure Web gateway?](#)

A.

A secure Web gateway is a solution designed to keep users safer from Web-based threats. In general, it will include Web anti-malware inspection, URL filtering, and HTTPS inspection. With its long history as Microsoft ISA Server, Forefront Threat Management Gateway 2010 adds strong inspection of Web-based protocols to help ensure they conform to standards and are not malicious. It further extends this strong application layer inspection through the Network Inspection System.

Q. [How is Forefront Threat Management Gateway 2010 different than Microsoft ISA Server 2006?](#)

A.

Forefront Threat Management Gateway is different in four major ways:

- **Secure Web Gateway:** Forefront Threat Management Gateway 2010 can be used to protect internal users from Web-based attacks by integrating Web antivirus/anti-malware and URL filtering. With HTTPS inspection, it can even provide these protections in SSL-encrypted traffic.

- **Improved Application Layer Defenses:** Forefront Threat Management Gateway 2010 includes Network Inspection System, which enables protection against vulnerabilities found in Microsoft products and protocols.

- **Improved Connectivity:** Forefront Threat Management Gateway 2010 enhances its support for NAT scenarios with the ability to designate e-mail servers to be published on a 1-to-1 NAT basis. Additionally, Forefront Threat Management Gateway 2010 recognizes SIP traffic and provides a method to traverse the firewall.

- **Simplified Management:** Forefront Threat Management Gateway 2010 has improved wizards to simplify its deployment as well as its continued configuration.

Q. [How is Forefront Threat Management Gateway 2010 different than Forefront Threat Management Gateway, Medium Business Edition (TMG MBE)?](#)

A.

Forefront Threat Management Gateway MBE is a product designed specifically for mid-sized businesses purchasing Windows Essential Business Server. Forefront Threat Management Gateway 2010 builds on its functionality to provide a complete secure Web gateway solution, with such features as URL filtering and HTTPS inspection. It also delivers enhanced application layer inspection with Network Inspection System. With these features and others, it enables organizations to provide a higher level of security to their users.

Q. [Does Forefront Threat Management Gateway 2010 require 64-bit servers?](#)

A.

Yes, Forefront Threat Management Gateway 2010 runs on a server with a 64-bit processor. For more details, please see the system requirements.

Q. How is TMG 2010 licensed?

A.

See the How to Buy page.

Q. Is Forefront TMG part of the Forefront Protection Suite and ECAL?

A.

Forefront TMG Web Protection Service is part of Forefront Protection Suite and ECAL. Forefront TMG 2010 is not part of these suite offerings and must be licensed separately.

Q. What is the Forefront Threat Management Gateway Web Protection Service?

A.

The Forefront Threat Management Gateway Web Protection Service provides continuous updates for malware filtering and access to cloud-based URL filtering to protect against the latest Web threats.

Q. Does Forefront TMG 2010 include Forefront TMG Web Protection Service?

A.

No. Forefront TMG Web Protection Service is licensed separately. It can be licensed stand-alone, as part of the Forefront Protection Suite, or Enterprise CAL.

Q. Do Forefront TMG 2010 customers have downgrade rights to ISA 2006?

A.

Yes. Customers who purchase Forefront TMG have downgrade rights to Microsoft Internet Security and Acceleration Server 2006.

Q. What is the difference between Forefront Threat Management Gateway 2010 Standard and Enterprise editions?

A.

Forefront TMG 2010 Enterprise Edition license gives customers increased scalability, provides access to a central management console, and provides extensive support for virtual environments. The following chart outlines the differences between these editions:

Feature	Standard	Enterprise
Network Load Balancing	No	Yes
Cache Array Routing Protocol	No	Yes
Enterprise Management Console	No*	Yes
Support for unlimited virtual CPUs	No	Yes

* TMG Enterprise Management Console can manage Standard edition servers