UTM Basic Configuration

This guide describes how to use the Unified Threat Management appliance (UTM) Basic Setup Wizard to configure the UTM for connection to your network. It also describes how to register the UTM with NETGEAR. For information about other features and for complete configuration steps, see the *ProSecure Unified Threat Management (UTM) Appliance Reference Manual* at: *http://downloadcenter.netgear.com*.

This guide contains the following sections:

Steps for Basic Configuration

Typically, the UTM is installed as a network gateway to function as a combined LAN switch, firewall, and content scan engine to protect the network from all incoming and outgoing malware threats.

The following steps are required to complete the basic and security configuration of your UTM:

1. **Connect the UTM physically to your network**. Connect the cables and restart your network according to the instructions in the installation guide. The installation guide is on the NETGEAR website at: *http://downloadcenter.netgear.com*.
2. **Log in to the UTM**. After logging in, you are ready to set up and configure your UTM. See *Log In to the UTM* on page 2.
3. **Use the Setup Wizard to configure basic connections and security**. In this step you connect the UTM to an internet service provider (ISP). See *Use the Setup Wizard to Perform the Initial Configuration* on page 6.
4. **Verify the installation**. See *Verify Correct Installation* on page 25.
5. **Register the UTM**. See *Register the UTM with NETGEAR* on page 25.

Qualified Web Browsers

To configure the UTM, you need Microsoft Internet Explorer 6 or later, Mozilla Firefox 3 or later, or Apple Safari 3 or later. Browsers must have JavaScript, cookies, and SSL enabled.

Log In to the UTM

To connect to the UTM, your computer needs to be configured to obtain an IP address automatically from the UTM through DHCP.

➢ **To connect and log in to the UTM:**

1. Start any of the qualified web browsers, as explained in the previous section, *Qualified Web Browsers*.
2. In the address field, enter **https://192.168.1.1**. The NETGEAR Configuration Manager Login screen displays in the browser.

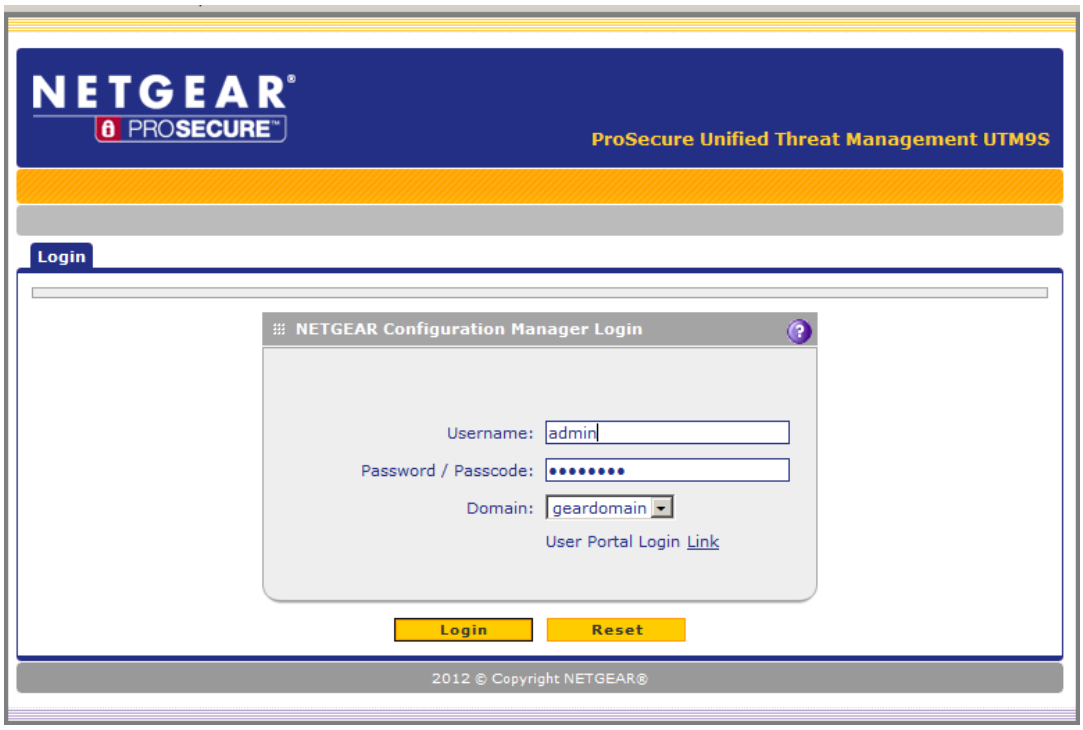


Figure 1. Login screen

3. In the Username field, type **admin** in all lowercase letters.
4. In the Password / Passcode field, type **password** in all lowercase letters.

Note: The UTM user name and password are not the same as the user name or password you might use to log in to your Internet connection.

5. Click **Login**. The web management interface displays, showing the System Status screen.

Note: After 5 minutes of inactivity (the default login time-out), you are automatically logged out.

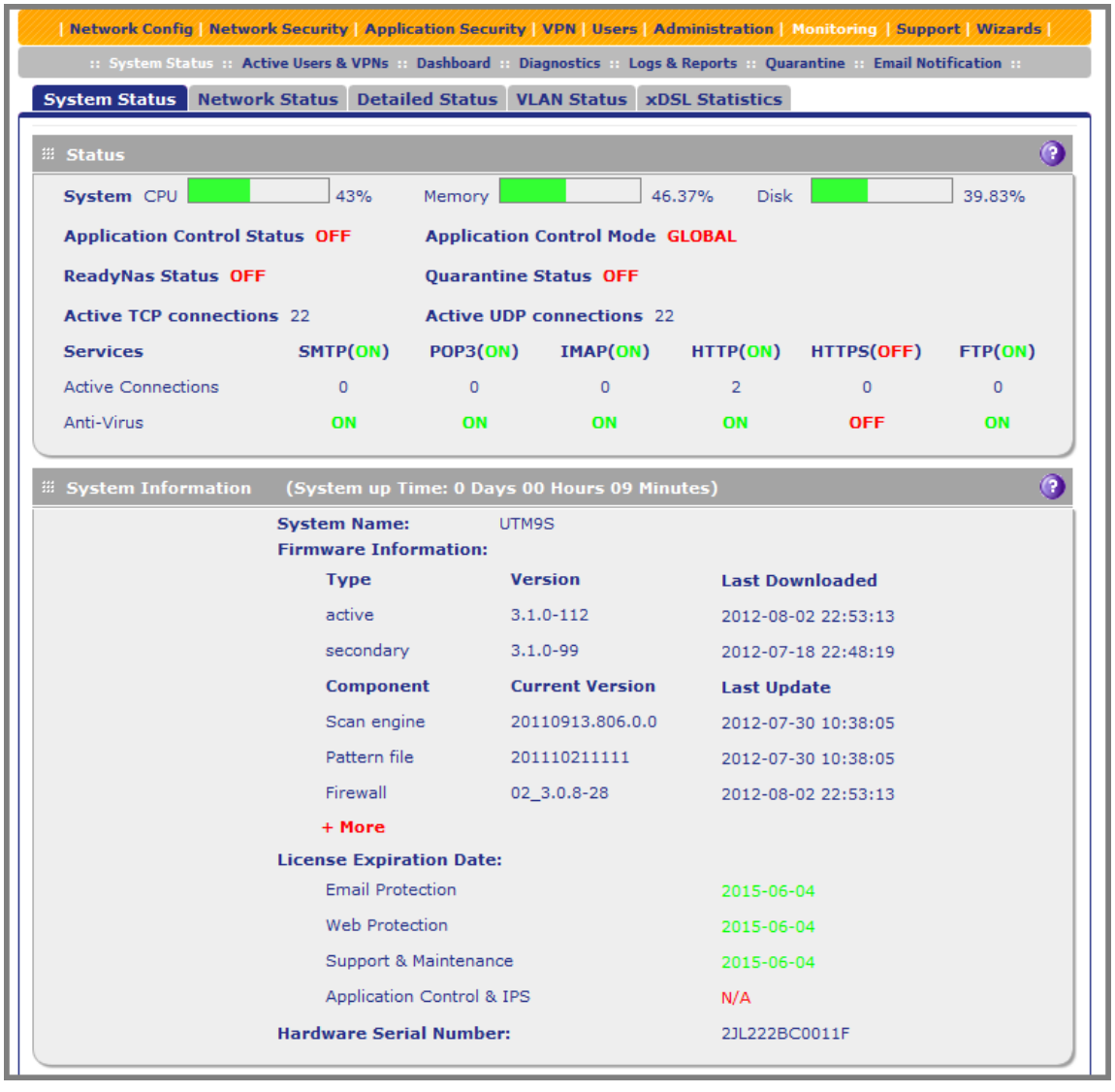


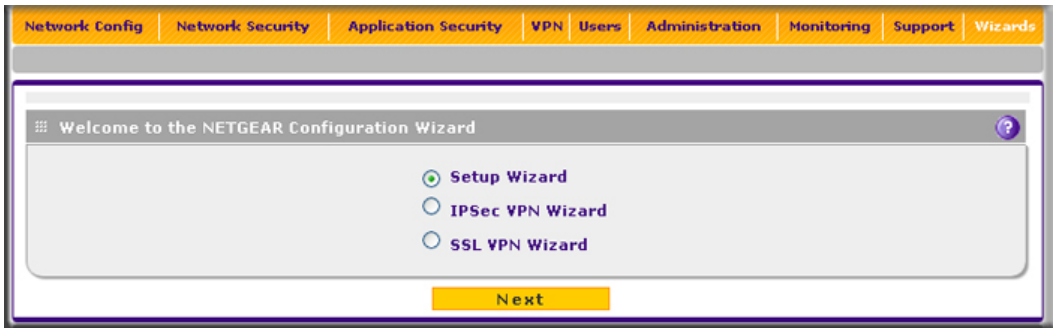
Figure 2. System Status Screen

Use the Setup Wizard to Perform the Basic Configuration

The Setup Wizard facilitates the basic configuration of the UTM by taking you through 10 screens, the last of which allows you to save the configuration. To perform the initial WAN setup manually, see the reference manual.

➢ **To start the Setup Wizard:**

1. Select **Wizards** from the main navigation menu. The Welcome to the Netgear Configuration Wizard screen displays:



2. Select the **Setup Wizard** radio button.
3. Click **Next**. The first Setup Wizard screen displays.

The following sections explain the 9 configuration screens of the Setup Wizard. On the 10th screen, you can save your configuration.

The tables in the following sections explain the buttons and fields of the Setup Wizard screens.

Setup Wizard Step 1 of 10: LAN Settings

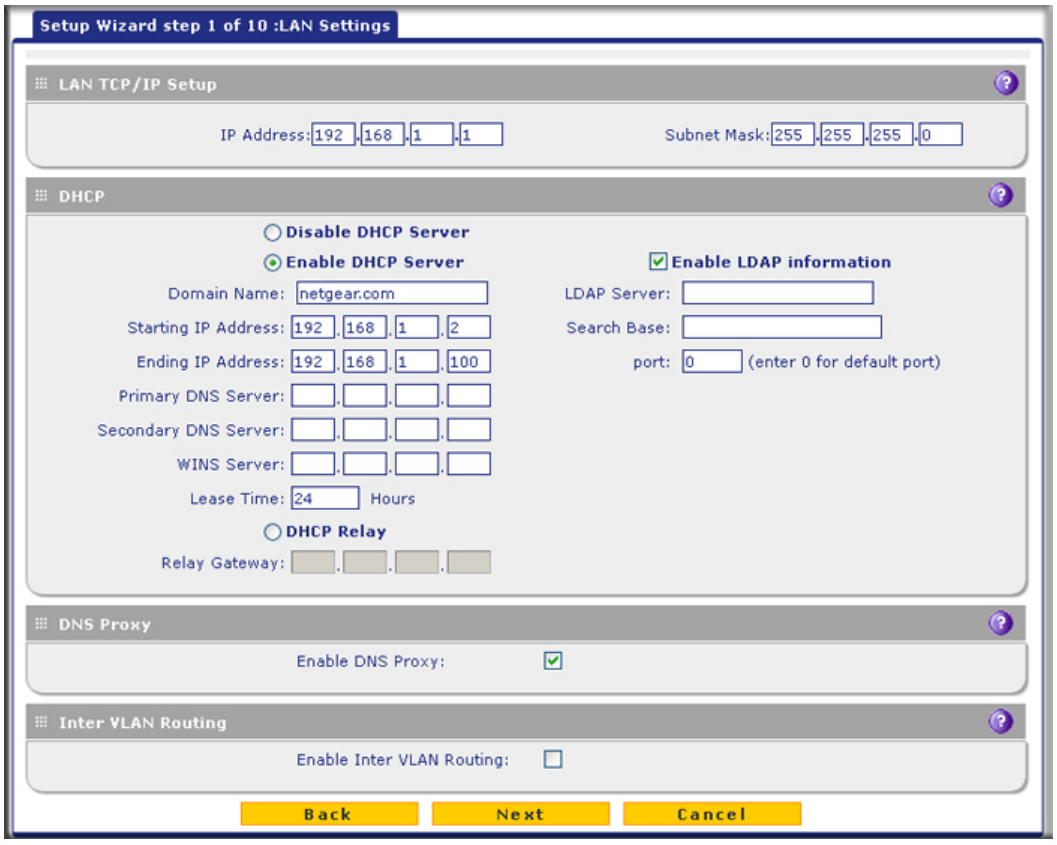


Figure 3. LAN Settings screen

Enter the settings as explained in the following table and click **Next**.

> ***Note:*** In this first step, you are configuring the LAN settings for the UTM's default VLAN. For more information about VLANs, see the reference manual.

Table 1. Setup Wizard Step 1: LAN Settings screen settings

Setting	Description	
LAN TCP/IP Setup		
IP Address	Enter the IP address of the UTM's default VLAN (the factory default address is 192.168.1.1). **Note:** Always make sure that the LAN port IP address and DMZ port IP address are in different subnets. **Note:** If you change the LAN IP address of the UTM's default VLAN while connected through the browser, you are disconnected. You then need to open a new connection to the new IP address and log in again. For example, if you change the default IP address from 192.168.1.1 to 10.0.0.1, you now need to enter **https://10.0.0.1** in your browser to reconnect to the web management interface.	
Subnet Mask	Enter the IP subnet mask. The subnet mask specifies the network number portion of an IP address. The UTM automatically calculates the subnet mask based on the IP address that you assign. Unless you are implementing subnetting, use 255.255.255.0 as the subnet mask (computed by the UTM).	
DHCP		
Disable DHCP Server	If another device on your network is the DHCP server for the default VLAN, or if you will configure the network settings of all of your computers manually, select the **Disable DHCP Server** radio button to disable the DHCP server. By default, this radio button is not selected, and the DHCP server is enabled.	
Enable DHCP Server	Select the **Enable DHCP Server** radio button to enable the UTM to function as a Dynamic Host Configuration Protocol (DHCP) server, providing TCP/IP configuration for all computers connected to the default VLAN. Enter the following settings.	
	Domain Name	This setting is optional. Enter the domain name of the UTM.
	Starting IP Address	Enter the starting IP address. This address specifies the first of the contiguous addresses in the IP address pool. Any new DHCP client joining the LAN is assigned an IP address between this address and the ending IP address. The IP address 192.168.1.2 is the default starting address.
	Ending IP Address	Enter the ending IP address. This address specifies the last of the contiguous addresses in the IP address pool. Any new DHCP client joining the LAN is assigned an IP address between the starting IP address and this IP address. The IP address 192.168.1.100 is the default ending address. **Note:** The starting and ending DHCP IP addresses should be in the same network as the LAN TCP/IP address of the UTM (that is, the IP address in the LAN TCP/IP Setup section as described earlier in this table).
	Primary DNS Server	This setting is optional. If an IP address is specified, the UTM provides this address as the primary DNS server IP address. If no address is specified, the UTM provides its own LAN IP address as the primary DNS server IP address.

Table 1. Setup Wizard Step 1: LAN Settings screen settings (continued)

Setting	Description	
	Secondary DNS Server	This setting is optional. If an IP address is specified, the UTM provides this address as the secondary DNS server IP address.
	WINS Server	This setting is optional. Enter a WINS server IP address to specify the Windows NetBIOS server, if one is present in your network.
	Lease Time	Enter a lease time. This specifies the duration for which IP addresses are leased to clients.
DHCP Relay	Select the **DHCP Relay** radio button to use the UTM as a DHCP relay agent for a DHCP server somewhere else on your network. Enter the following setting:	
	Relay Gateway	The IP address of the DHCP server for which the UTM serves as a relay.
Enable LDAP information	Select the **Enable LDAP information** check box to enable the DHCP server to provide Lightweight Directory Access Protocol (LDAP) server information. Enter the following settings. **Note:** The LDAP settings that you specify as part of the VLAN profile are used only for SSL VPN and UTM authentication, but not for web and email security.	
	LDAP Server	The IP address or name of the LDAP server.
	Search Base	The search objects that specify the location in the directory tree from which the LDAP search begins. You can specify multiple search objects, separated by commas. The search objects include: • CN (for common name) • OU (for organizational unit) • O (for organization) • C (for country) • DC (for domain) For example, to search the Netgear.net domain for all last names of Johnson, you would enter: cn=Johnson,dc=Netgear,dc=net
	Port	The port number for the LDAP server. The default setting is 0 (zero).
DNS Proxy		
Enable DNS Proxy	This setting is optional. Select the **Enable DNS Proxy** radio button to enable the UTM to provide a LAN IP address for DNS address name resolution. This radio button is selected by default. **Note:** When the DNS Proxy option is disabled, all DHCP clients receive the DNS IP addresses of the ISP but without the DNS proxy IP address.	

Table 1. Setup Wizard Step 1: LAN Settings screen settings (continued)

Setting	Description
Inter VLAN Routing	
Enable Inter VLAN Routing	This setting is optional. To ensure that traffic is routed only to VLANs for which inter-VLAN routing is enabled, select the **Enable Inter VLAN Routing** check box. This setting is disabled by default. When the Enable Inter VLAN Routing check box is not selected, traffic from this VLAN is not routed to other VLANs and traffic from other VLANs is not routed to this VLAN..

Setup Wizard Step 2 of 10: WAN Settings

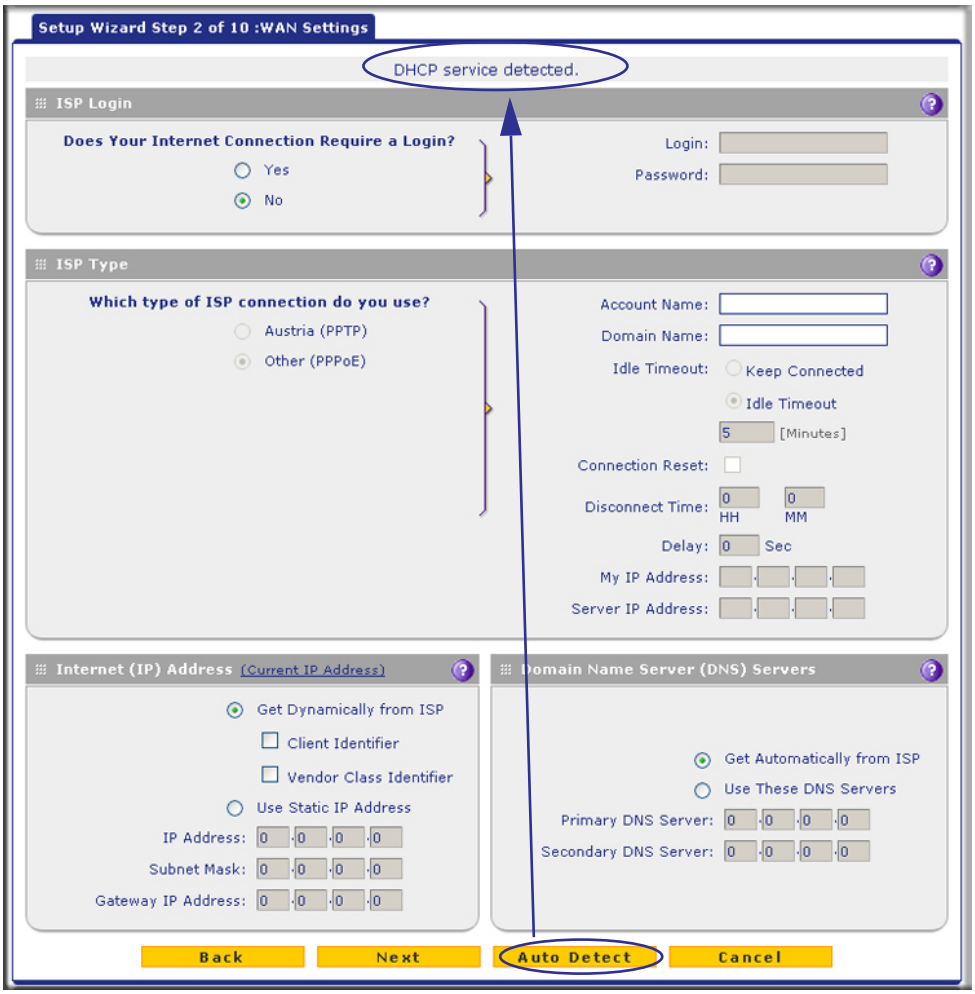


Figure 4. WAN Settings screen

Enter the settings as explained in the following table and click **Next**.

Note: Instead of manually entering the settings, you can also click the **Auto Detect** action button at the bottom of the screen. The autodetect process probes the WAN port for a range of connection methods and suggests one that your ISP is most likely to support.

Table 2. Setup Wizard Step 2: WAN Settings screen settings

Setting	Description	
ISP Login		
Does your Internet connection require a login?	If you need to enter login information every time you connect to the Internet through your ISP, select the **Yes** radio button. Otherwise, select the **No** radio button, which is the default setting, and skip the ISP Type section. If you select the Yes radio button, enter the following settings.	
	Login	The login name that your ISP has assigned to you.
	Password	The password that your ISP has assigned to you.
ISP Type		
What type of ISP connection do you use?	If your connection is PPPoE or PPTP, then you need to log in. Select the **Yes** radio button. Based on the connection that you select, the text fields that require data entry are highlighted. If your ISP has not assigned any login information, then select the **No** radio button and skip this section. If you select the Yes radio button, enter the following settings.	
Austria (PPTP)	If your ISP is Austria Telecom or any other ISP that uses PPTP for login, select this radio button and enter the following settings:	
	Account Name	The account name is also known as the host name or system name. Enter the valid account name for the PPTP connection (usually your email ID assigned by your ISP). Some ISPs require you to enter your full email address here.
	Domain Name	Your domain name or workgroup name assigned by your ISP, or your ISP's domain name. You can leave this field blank.
	Idle Timeout	Select the **Keep Connected** radio button to keep the connection always on. To log out after the connection is idle for a period: 1. Select the **Idle Timeout** radio button. 2. In the time-out field, enter the number of minutes to wait before disconnecting. This is useful if your ISP charges you based on the time that you are logged in.
	My IP Address	The IP address assigned by the ISP to make the connection with the ISP server.
	Server IP Address	The IP address of the PPTP server.

Table 2. Setup Wizard Step 2: WAN Settings screen settings (continued)

Setting	Description	
Other (PPPoE)	If you have installed login software such as WinPoET or Enternet, then your connection type is PPPoE. Select this radio button and enter the following settings:	
	Account Name	The valid account name for the PPPoE connection.
	Domain Name	The name of your ISP's domain or your domain name if your ISP has assigned one. You can leave this field blank.
	Idle Timeout	Select the **Keep Connected** radio button to keep the connection always on. To log out after the connection is idle for a period: 1. Select the **Idle Timeout** radio button. 2. In the time-out field, enter the number of minutes to wait before disconnecting. This is useful if your ISP charges you based on the period that you are logged in. **Note:** When you use a PPPoE connection and select the Idle Timeout radio button, you cannot configure load balancing. To use load balancing on a PPPoE connection, select the **Keep Connected** radio button.
	Connection Reset	Select the **Connection Reset** check box to specify a time when the PPPoE WAN connection is reset. The connection is disconnected momentarily and then reestablished. Then, specify the disconnect time and delay.
	Disconnect Time	Specify the hour and minutes when the connection should be disconnected.
	Delay	Specify the period in seconds after which the connection should be reestablished.
Internet (IP) Address Click the **Current IP Address** link to see the currently assigned IP address.		
Get Dynamically from ISP	If your ISP has not assigned you a static IP address, select the **Get dynamically from ISP** radio button. The ISP automatically assigns an IP address to the UTM using DHCP network protocol.	
	Client Identifier	Select the **Client Identifier** check box if your ISP requires the client identifier information to assign an IP address using DHCP.
	Vendor Class Identifier	Select the **Vendor Class Identifier** check box if your ISP requires the vendor class identifier information to assign an IP address using DHCP.

Table 2. Setup Wizard Step 2: WAN Settings screen settings (continued)

Setting	Description	
Use Static IP Address	If your ISP has assigned you a fixed (static or permanent) IP address, select the **Use Static IP Address** radio button and enter the following settings.	
	IP Address	The static IP address assigned to you. This address identifies the UTM to your ISP.
	Subnet Mask	The subnet mask, which is usually provided by your ISP.
	Gateway IP Address	The IP address of the ISP's gateway, which is usually provided by your ISP.
Domain Name Server (DNS) Servers		
Get Automatically from ISP	If your ISP has not assigned any Domain Name Servers (DNS) addresses, select the **Get Automatically from ISP** radio button.	
Use These DNS Servers	If your ISP has assigned DNS addresses to you, select the **Use These DNS Servers** radio button. Make sure that you fill in valid DNS server IP addresses in the fields. Incorrect DNS entries might cause connectivity issues.	
	Primary DNS Server	The IP address of the primary DNS server.
	Secondary DNS Serve	The IP address of the secondary DNS server.

Setup Wizard Step 3 of 10: System Date and Time

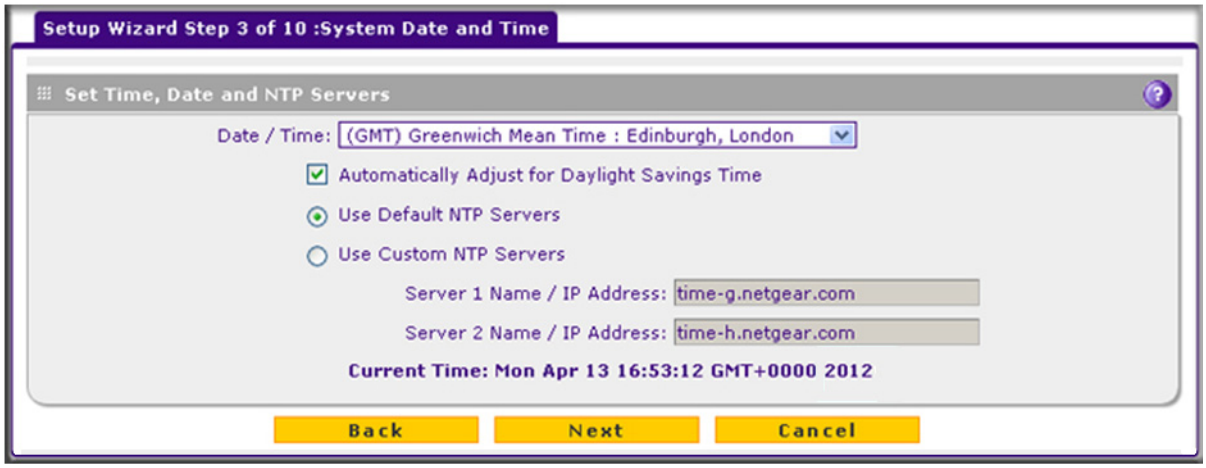


Figure 5. System Date and Time screen

Enter the settings as explained in the following table and click **Next** to go to the following screen.

Table 3. Setup Wizard Step 3: System Date and Time screen settings

Setting	Description	
Set Time, Date, and NTP Servers		
Date/Time	From the drop-down list, select the local time zone in which the UTM operates. The correct time zone is required for scheduling to work correctly. The UTM includes a real-time clock (RTC), which it uses for scheduling.	
Automatically Adjust for Daylight Savings Time	If daylight savings time is supported in your region, select the **Automatically Adjust for Daylight Savings Time** check box.	
NTP Server (default or custom)	Select either the Use Default NTP servers or Use Custom NTP Servers radio button. • **Use Default NTP Servers**. The UTM's RTC is updated regularly by contacting a default NETGEAR NTP server on the Internet. • **Use Custom NTP Servers**. The UTM's RTC is updated regularly by contacting one of the two NTP servers (primary and backup), both of which you need to specify in the fields that become available with this selection. **Note:** If you select this option but leave either the Server 1 or Server 2 field blank, both fields are set to the default NETGEAR NTP servers. **Note:** A list of public NTP servers is available at *http://support.ntp.org/bin/view/Servers/WebHome*.	
	Server 1 Name / IP Address	Enter the IP address or host name of the primary NTP server.
	Server 2 Name / IP Address	Enter the IP address or host name of the backup NTP server.

Setup Wizard Step 4 of 10: Services

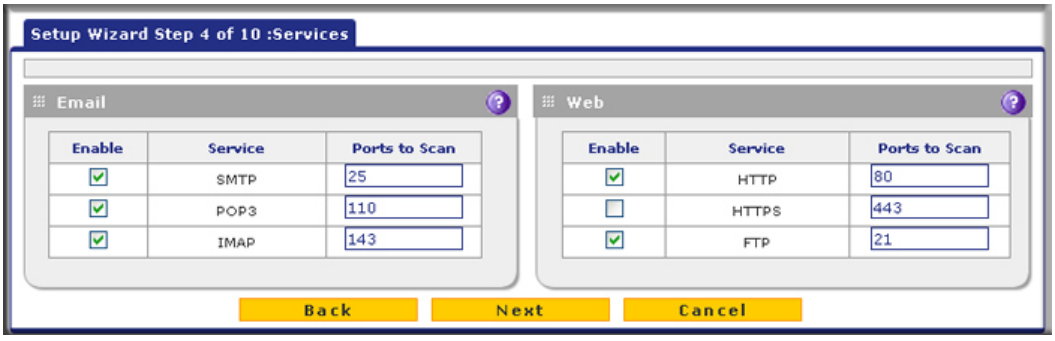


Figure 6. Services screen

Enter the settings as explained in the following table and click **Next**.

Table 4. Setup Wizard Step 4: Services screen settings

Setting	Description	
Email		
SMTP	SMTP scanning is enabled by default on standard service port 25.	To disable any of these services, clear the corresponding check box. You can change the standard service port or add another port in the corresponding Ports to Scan field.
POP3	POP3 scanning is enabled by default on standard service port 110.	
IMAP	IMAP scanning is enabled by default on standard service port 143.	
Web		
HTTP	HTTP scanning is enabled by default on standard service port 80.	To disable HTTP scanning, clear the corresponding check box. You can change the standard service port or add another port in the corresponding Ports to Scan field.
HTTPS	HTTPS scanning is disabled by default.	To enable HTTPS scanning, select the corresponding check box. You can change the standard service port (443) or add another port in the corresponding Ports to Scan field.
FTP	FTP scanning is enabled by default on standard service port 21.	To disable FTP scanning, clear the corresponding check box. You cannot change the standard service port in the corresponding Ports to Scan field.

Setup Wizard Step 5 of 10: Email Security

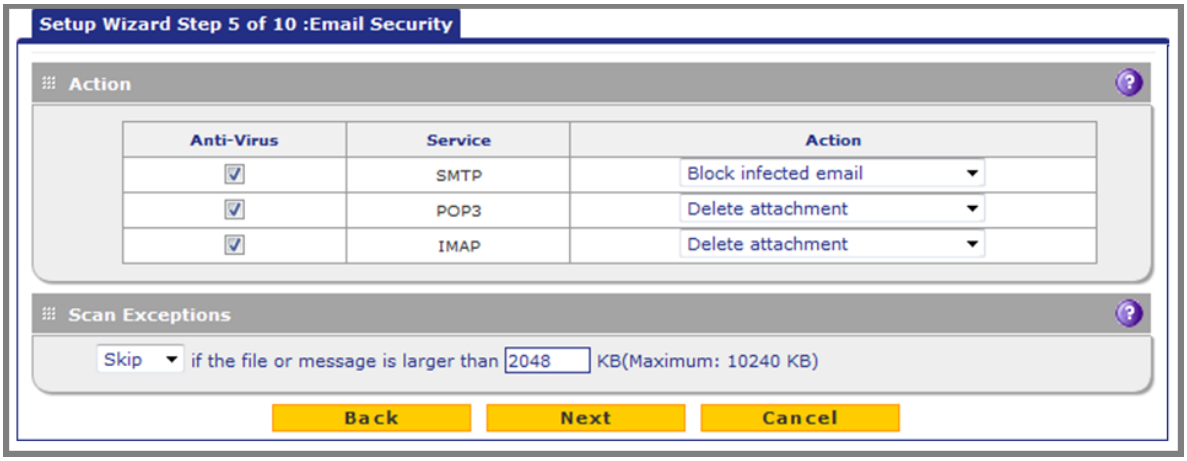


Figure 7. Email Security screen

Enter the settings as explained in the following table and click **Next** to go to the following screen.

Table 5. Setup Wizard Step 5: Email Security screen settings

Setting	Description
Action	
SMTP	From the SMTP drop-down list, select one of the following actions to be taken when an infected email is detected: • **Block infected email**. This is the default setting. The email is blocked, and a log entry is created. • **Delete attachment**. The email is not blocked, but the attachment is deleted, and a log entry is created. • **Log only**. Only a log entry is created. The email is not blocked, and the attachment is not deleted. • **Quarantine attachment**. The email is not blocked, but the attachment is quarantined on a ReadyNAS, and a log entry is created. • **Quarantine infected email**. The email is quarantined on a ReadyNAS, and a log entry is created.
POP3	From the POP3 drop-down list, select one of the following actions to be taken when an infected email is detected: • **Delete attachment**. This is the default setting. The email is not blocked, but the attachment is deleted, and a log entry is created. • **Log only**. Only a log entry is created. The email is not blocked, and the attachment is not deleted. • **Quarantine attachment**. The email is not blocked, but the attachment is quarantined on a ReadyNAS, and a log entry is created.

Table 5. Setup Wizard Step 5: Email Security screen settings (continued)

Setting	Description
IMAP	From the IMAP drop-down list, select one of the following actions to be taken when an infected email is detected: • **Delete attachment**. This is the default setting. The email is not blocked, but the attachment is deleted, and a log entry is created. • **Log only**. Only a log entry is created. The email is not blocked, and the attachment is not deleted. • **Quarantine attachment**. The email is not blocked, but the attachment is quarantined on a ReadyNAS, and a log entry is created.
Scan Exceptions	
The default maximum size of the file or message that is scanned is 2048 KB, but you can define a maximum size of up to 10240 KB. However, setting the maximum size to a high value might affect the UTM's performance. From the drop-down list, select one of the following actions to be taken when the file or message exceeds the maximum size: • **Skip**. The file is not scanned but skipped, leaving the end user vulnerable. This is the default setting. • **Block**. The file is blocked and does not reach the end user.	

Setup Wizard Step 6 of 10: Web Security

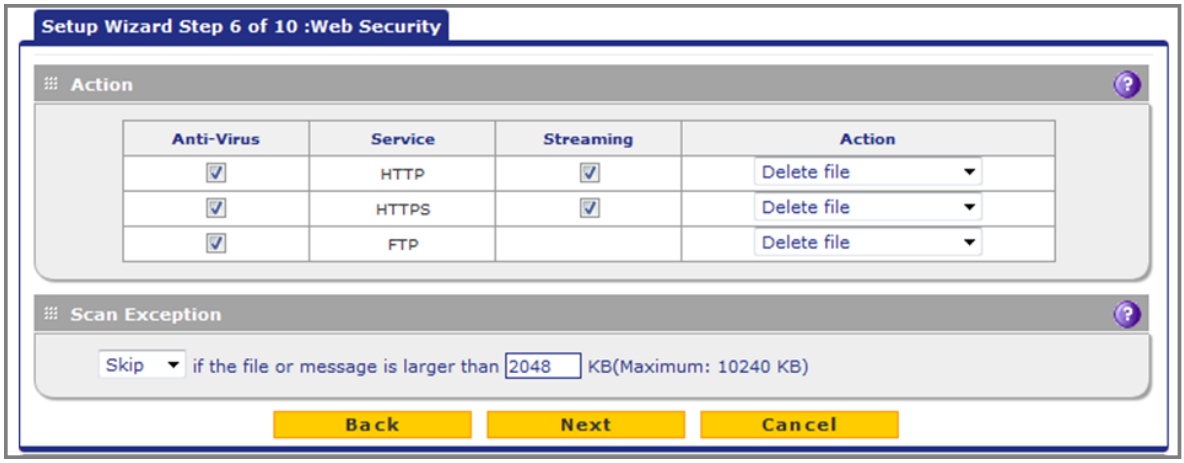


Figure 8. Web Security screen

Enter the settings as explained in the following table and click **Next** to go to the following screen.

Table 6. Setup Wizard Step 6: Web Security screen settings

Setting	Description
Action	
HTTP	From the HTTP drop-down list, select one of the following actions to be taken when an infected web file or object is detected: • **Delete file**. This is the default setting. The web file or object is deleted, and a log entry is created. • **Log only**. Only a log entry is created. The web file or object is not deleted. • **Quarantine file**. The web file or object is quarantined, and a log entry is created.. Select the **Streaming** check box to enable streaming of partially downloaded and scanned HTTP file parts to the user. This method allows the user to experience more transparent web downloading. Streaming is enabled by default.
HTTPS	From the HTTPS drop-down list, select one of the following actions to be taken when an infected web file or object is detected: • **Delete file**. This is the default setting. The web file or object is deleted, and a log entry is created. • **Log only**. Only a log entry is created. The web file or object is not deleted. • **Quarantine file**. The web file or object is quarantined, and a log entry is created. Select the **Streaming** check box to enable streaming of partially downloaded and scanned HTTPS file parts to the user. This method allows the user to experience more transparent web downloading. Streaming is enabled by default.
FTP	From the FTP drop-down list, select one of the following actions to be taken when an infected web file or object is detected: • **Delete file**. This is the default setting. The FTP file or object is deleted, and a log entry is created. • **Log only**. Only a log entry is created. The FTP file or object is not deleted. • **Quarantine file**. The FTP file or object is quarantined, and a log entry is created.
Scan Exceptions	
The default maximum size of the file or object that is scanned is 2048 KB, but you can define a maximum size of up to 10240 KB. However, setting the maximum size to a high value might affect the UTM's performance. From the drop-down list, select one of the following actions to be taken when the file or message exceeds the maximum size: • **Skip**. The file is not scanned but skipped, leaving the end user vulnerable. This is the default setting. • **Block**. The file is blocked and does reach the end user.	

Setup Wizard Step 7 of 10: Web Categories to Be Blocked

Figure 9. Blocked Web Categories screen

Enter the settings as explained in the following table and click **Next**.

Table 7. Setup Wizard Step 7: Web Categories to be blocked screen settings

Setting	Description
Blocked Web Categories	
Select the **Enable Blocking** check box to enable blocking of web categories. (By default, this check box is selected.) Select the check boxes of any web categories that you want to block. Use the action buttons at the top of the section in the following way: • **Allow All**. All web categories are allowed. • **Block All**. All web categories are blocked. • **Set to Defaults**. Blocking and allowing of web categories are returned to their default settings. See the reference manual for information about the web categories that are blocked by default. Categories that are preceded by a green square are allowed by default; categories that are preceded by a pink square are blocked by default.	
Blocked Categories Scheduled Days	
Make one of the following selections: • Select the **All Days** radio button to enable content filtering to be active all days of the week. • Select the **Specific Days** radio button to enable content filtering to be active on the days that are specified by the check boxes.	
Blocked Categories Time of Day	
Make one of the following selections: • Select the **All Day** radio button to enable content filtering to be active all 24 hours of each selected day. • Select the **Specific Times** radio button to enable content filtering to be active during the time that is specified by the Start Time and End Time fields for each day that content filtering is active.	

Setup Wizard Step 8 of 10: Email Notification

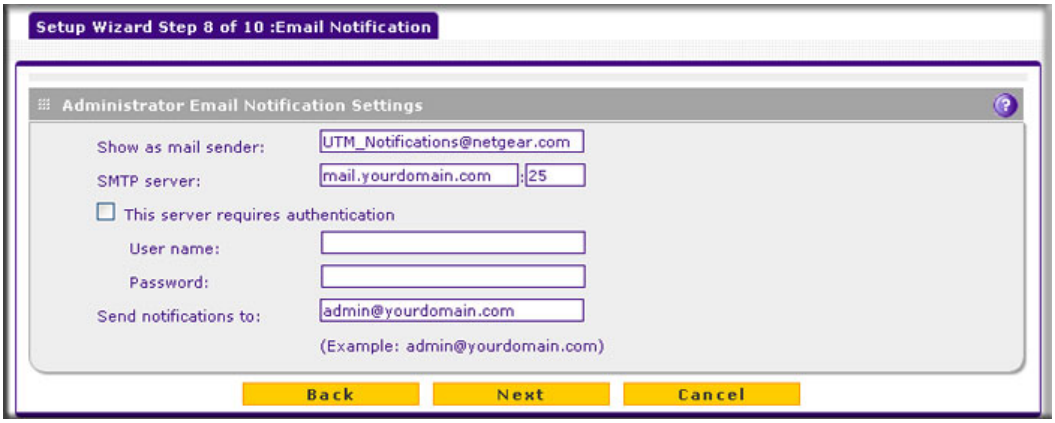


Figure 10. Email Notification screen

Enter the settings as explained in the following table and click **Next**.

Table 8. Setup Wizard Step 8: Email Notification screen settings

Setting	Description	
Administrator Email Notification Settings		
Show as mail sender	A descriptive name of the sender for email identification purposes. For example, enter UTM_Notifications@netgear.com.	
SMTP server	The IP address and port number or Internet name and port number of your ISP's outgoing email SMTP server. The default port number is 25. **Note:** If you leave this field blank, the UTM cannot send email notifications.	
This server requires authentication	If the SMTP server requires authentication, select the **This server requires authentication** check box, and enter the user name and password.	
	User name	The user name for SMTP server authentication.
	Password	The password for SMTP server authentication.
Send notifications to	The email address to which the notifications should be sent. Typically, this is the email address of the administrator.	

Setup Wizard Step 9 of 10: Signatures & Engine

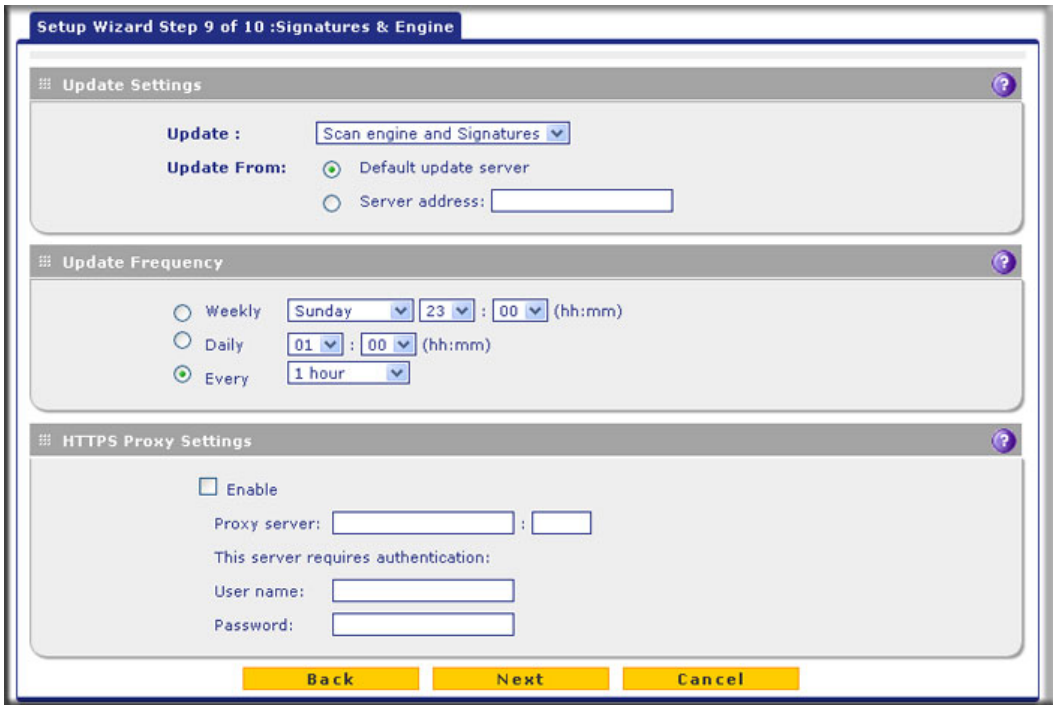


Figure 11. Signatures & Engine screen

Enter the settings as explained in the following table and click **Next**.

Table 9. Setup Wizard Step 9: Signatures & Engine screen settings

Setting	Description	
Update Settings		
Update	From the drop-down list, select one of the following options: • **Never**. The pattern and firmware files are never automatically updated. • **Scan engine and Signatures**. The pattern and firmware files are automatically updated according to the settings in the Update Frequency section of the screen (see explanations later in this table).	
Update From	Set the update source server by selecting one of the following radio buttons: • **Default update server**. Files are updated from the default NETGEAR update server. • **Server address**. Files are updated from the server that you specify. Enter the IP address or host name of the update server in the Server address field.	
Update Frequency		
Specify the frequency with which the UTM checks for file updates: • **Weekly**. From the drop-down lists, select the weekday, hour, and minutes that the updates occur. • **Daily**. From the drop-down lists, select the hour and minutes that the updates occur. • **Every**. From the drop-down list, select the frequency with which the updates occur. The range is from 15 minutes to 12 hours.		
HTTPS Proxy Settings		
Enable	If computers on the network connect to the Internet through a proxy server, select the **Enable** check box to specify and enable a proxy server. Enter the following settings.	
	Proxy server	The IP address and port number of the proxy server.
	User name	The user name for proxy server authentication.
	Password	The password for proxy server authentication.

Setup Wizard Step 10 of 10: Saving the Configuration

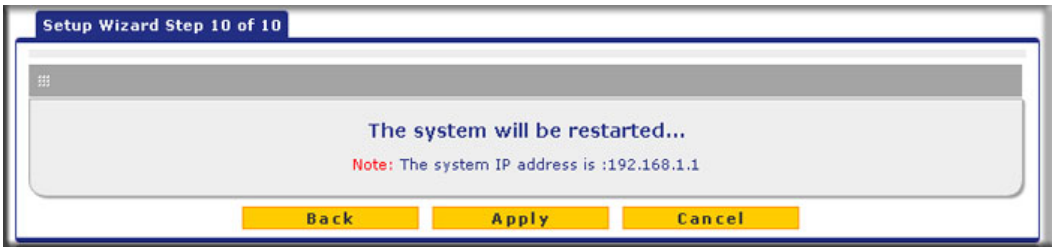


Figure 12. Save the configuration screen

Click **Apply** to save your settings and automatically restart the system.

Verify Correct Installation

Test the UTM before deploying it in a production environment. These quick tests are designed to ensure that your UTM is functioning correctly.

Test Connectivity

➢ **Verify that network traffic can pass through the UTM:**

1. Ping an Internet URL.
2. Ping the IP address of a device on either side of the UTM.

Test HTTP Scanning

➢ **Verify that the UTM scans HTTP traffic correctly:**

1. Log in to the UTM web management interface, and then verify that HTTP scanning is enabled. For information about how to enable HTTP scanning, see the reference manual.
2. If client computers have direct access to the Internet through your LAN, try to download the eicar.com test file from *http://www.eicar.org/download/eicar.com*.

   The eicar.com test file is a *legitimate* denial of service (DoS) attack and is safe to use because it is not a malware threat and does not include any fragments of malware code. The test file is provided by EICAR, an organization that unites efforts against computer crime, fraud, and misuse of computers or networks.
3. Check the downloaded eicar.com test file, and note the attached malware information file.

Register the UTM with NETGEAR

To receive threat management component updates and technical support, you need to register your UTM with NETGEAR. The UTM is bundled with four 30-day trial licenses:

- Web protection
- Email protection
- Support and maintenance
- Application control and IPS

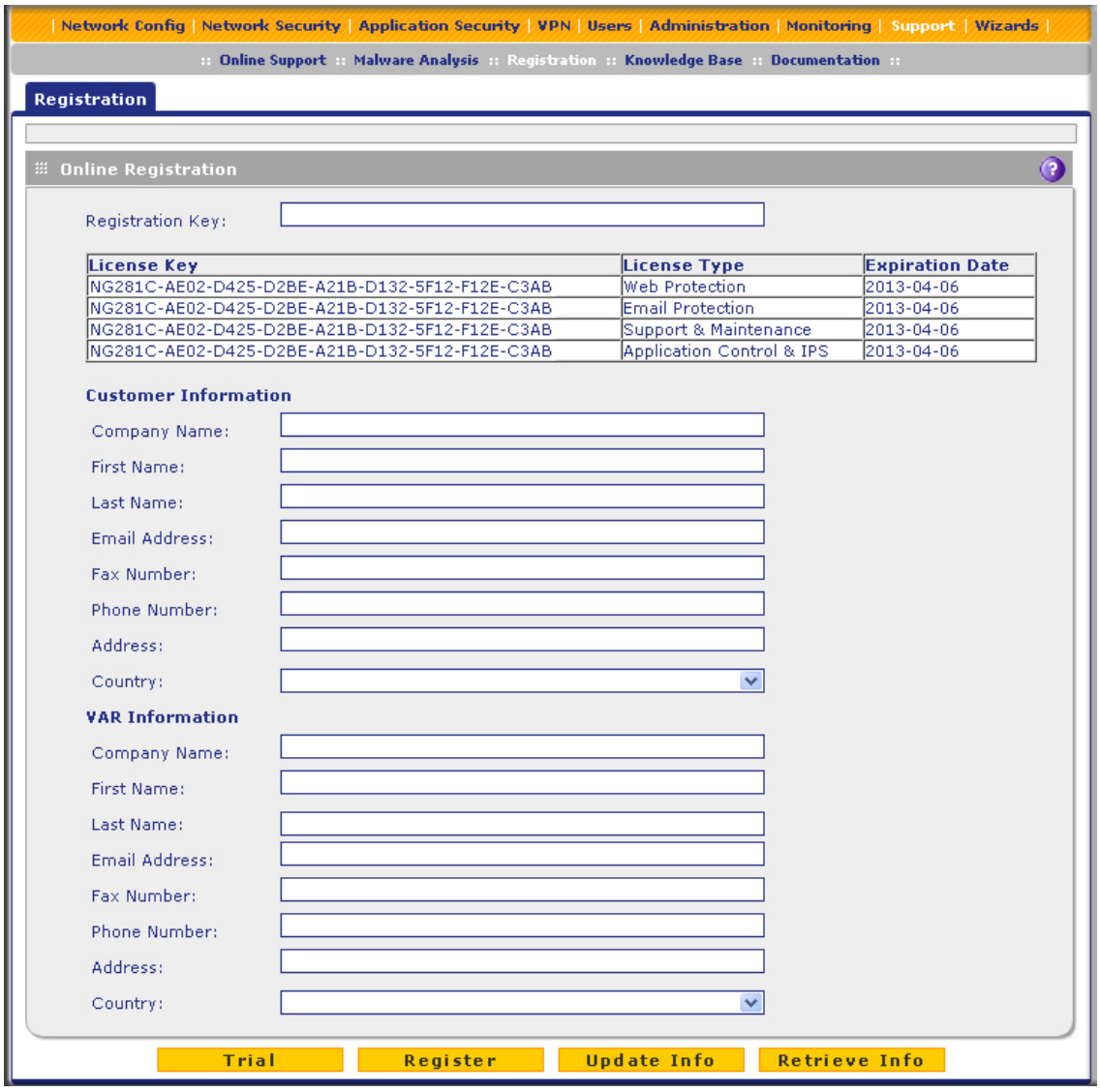
The service license keys are provided with the product package (see the reference manual). For electronic licensing, you do not need the service license keys (see *Electronic Licensing* on page 27).

IMPORTANT:

Activating the service licenses initiates their terms of use. Activate the licenses *only* when you are ready to start using this unit. If your unit has never been registered before, you can use the 30-day trial period for all four types of licenses to perform the initial testing and configuration. To use the trial period, do *not* click Register in *Step 4* of the following procedure click Trial instead.

- **If your UTM is connected to the Internet, you can activate the service licenses:**

1. Select **Support > Registration**. The Registration screen displays:



2. Enter the license key in the Registration Key field.
3. Fill out the customer and value-added reseller (VAR) fields.

4. Click **Register**. The UTM activates the license and registers the unit with the registration and update server.

WARNING:

To activate the 30-day trial period for a license, do *not* click Register but click Trial instead. For more information, see the Important information at the beginning of this section.

5. Repeat *Step 2* and *Step 4* for additional license keys.

Note: The 30-day trial licenses are revoked once you activate the purchased service license keys. The purchased service license keys offer 1 year or 3 years of service.

- **To change customer or VAR information after you have registered the UTM:**
  1. Make the changes on the Registration screen.
  2. Click **Update Info**. The new data is saved by the registration and update server.
- **To retrieve and display the registered information:**

  Click **Retrieve Info**. The registered data is retrieved from the registration and update server.

Electronic Licensing

If you have purchased the UTM with a 1- or 3-year license, you can use the electronic licensing option. When the UTM is connected to the Internet, you need to enter only your customer information and optional value-added reseller (VAR) information on the Register screen but do not need to enter the license numbers. When you click Register, the UTM automatically downloads and activates the license keys because the serial number of the UTM is linked to the license.

If you have purchased licenses from a VAR (either directly or over the web) *after* purchase of the UTM, the VAR should provide you the license keys. To register and activate the license keys, follow the registration procedure explained in the previous section.

Automatic Retrieval of Licenses after a Factory Default Reset

When you reset the UTM to the original factory default settings after you have entered the license keys to activate the UTM, the license keys are erased. The license keys and the different types of licenses that are available for the UTM are no longer displayed on the Registration screen. However, after you have reconfigured the UTM to connect to the Internet and to the NETGEAR registration server, the UTM retrieves and restores all registration information based on its MAC address and hardware serial number. You do not need to reenter the license keys and reactivate the UTM.

If you have been directed to use a nondefault update server, you first need to enter the update server address in the Server address field on the Signatures & Engine screen and click **Apply.**

What to Do Next

You have connected your UTM to your network. The UTM is now ready to scan the protocols and services that you specified and perform automatic updates based on the update source and frequency that you specified.

If you need to change the settings or view reports or logs, log in to the UTM web management interface. Use the default IP address or the IP address that you assigned to the UTM in *Setup Wizard Step 1 of 10: LAN Settings* on page 7.

To configure these additional features see the reference manual:

- Configure WAN mode (required to use multiple WAN ports)
- Configure authentication domains, groups, and users
- Manage digital certificates for VPN connections
- Configure IPSec VPN clients and gateways
- Configure SSL VPN clients