

Release Dates

- HOME Appliance – 3000007-20140925-NG12EH – 29th September, 2014
- SOHO Appliance – 4000007-20140925-NG12EO – 29th September, 2014

Release Information

Release Type: General Availability

Download Link:

- [HOME Appliance](#)
- [SOHO Appliance](#)

Applicable Versions:

Home Appliance

- 1000926-20140812-NG11EH
- 1000728-20140113-NG11EH

SOHO Appliance

- 2000926-20140812-NG11EO
- 2000728-20140113-NG11EO

Note

- From this firmware version onwards, **Anti Virus** feature is not supported.
- Customers with NetGenie appliances running firmware version lower than the mentioned Applicable Versions (1000728-20140113 / 2000728-20140113), have to first upgrade to the [Applicable Version](#) before they can avail the firmware version with respect to this release.
- As the Application set for the Application filter policy is updated from this firmware onwards, you will have to reconfigure your Application filter policies after migration.

Revision History:

Sr. No	Old Revision Number	New Revision Number	Reference Section	Revision Details

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Introduction

This document contains the release notes for Cyberoam NetGenie HOME (3000007-20140925-NG12EH) and SOHO (4000007-20140925-NG12EO) appliances.

This release comes with new features and enhancements to improve quality, reliability and performance of the product.

Features and Enhancements

1. Remodeled Security Scanning Engine for Enhanced Performance

From this firmware onwards, NetGenie comes with a new Security scanning engine. This Security Scanning engine greatly enhances the Web and Application filtering and the Intrusion Prevention performance of NetGenie devices.

Note

- From this firmware version onwards, Home and SOHO Appliances will be named as NG12EH / NG12EO respectively. Once upgraded to this firmware, you will not be able to downgrade your appliance to a firmware prior to this version.
- To optimize the Scanning engine performance, the **Anti Virus** feature is excluded.

2. Admin Activity logs for Auditing purposes

From this version onwards, an Administrator can view logs for various admin activities performed via the Web Portal.

This feature helps the Administrator in auditing purposes, by providing consolidated logs of key admin activities performed via the Web Portal.

Following are some of the key admin activities for which logs are displayed on the Admin Activity page:

- Wireless is enabled or disabled
- A Firewall rule is created or deleted
- Any Interface is created or updated
- Any device is whitelisted
- Signatures upgraded on an appliance
- Any user is created, updated, deactivated or deleted
- Any VPN tunnel is created, established, disconnected or deleted

To view the Admin Activity logs, go to **Logs and Reports > Admin Activity**.

3. Enhanced Support for VPN Failover

With this version, IPSec VPN configuration has been optimized to ensure smooth Failover of a VPN Tunnel over multiple interfaces.

With this enhancement, to achieve VPN Failover, there is no need to configure the same VPN tunnel twice for two separate interfaces.

It is mandatory to configure remote VPN Server with DDNS from the NetGenie VPN Configuration page. Same configurations need to be made for the device at the remote end of the VPN tunnel. Otherwise VPN Failover may not work.

The tunnel is created on the Active Interface and in case the Active interface fails, the traffic through the tunnel is switched over to the Backup interface.

Prior to this version, to achieve VPN Failover, the same VPN tunnel needed to be configured for each interface (Active and Backup) separately.

4. Support of Remote NDIS based 3G/4G USB Modems

With this version, NetGenie extends its support for compatible 3G/4G USB Modems to include the Remote NDIS based 3G/4G USB Modems.

For complete list of compatible 3G/4G USB Modems, click [here](#).

5. NGSense

With this version NetGenie has introduced NGSense for NetGenie appliances. NGSense is a DNS based Web and Application filtering mechanism which enables protocol independent Web and Application filtering on NetGenie appliances. NGSense offers following benefits to the administrator:

- Removes overheads of protocol based Application Filtering
- Removes need of updating Web and Application Filtering signatures
- Removes limitation on number of filtered applications

By default NGSense is enabled for all new users but the administrator can change this setting from **Internet Controls > User > Website Categories List**.

Please note that if NGSense is disabled then NetGenie will perform HTTP and signature based scanning only, which means HTTPS filtering will not be available.

6. User-MAC Address Binding

With this version NetGenie allows the administrator to bind User with Device MAC Address (es).

This feature is helpful when the user goes to Internet using more than one devices. User-MAC address binding enables transparent Internet browsing for the users from different devices without forcing them to login from the User Login page.

The usefulness of this feature can be explained with the help of following example:

To run Internet Explorer on Xbox the user has to connect to Xbox Live and for that the user has to authenticate through NetGenie, but in absence of Internet connectivity the authentication page will not be displayed and hence the user will not be able to connect to Xbox Live.

User-MAC Address binding resolves this deadlock by allowing the user to connect to Internet transparently. The administrator just needs to bind the User and MAC Address of the device (Laptop, iPad, Smart Phone) and then the user can connect to internet using that device without authenticating to NetGenie.

This feature removes need of authentication page without whitelisting the device and hence all the user policies remain applicable to the User.

To bind the User with Device MAC address, go to **Internet Controls > Device Whitelist**.

7. Default Internet Controls

With this version NetGenie has introduced concept of Default Internet Controls for those devices which are not part of any defined Internet controls such as User-MAC Binding and Device Whitelisting.

In this feature, NetGenie considers 00:00:00:00:00:00 as Default MAC address and the administrator can either whitelist the MAC address or bind user with it. Any device which does not fall under any specific Internet control will be part of the Internet Control Policy assigned to default mac address (00:00:00:00:00:00).

To define Default Internet Controls in NetGenie, go to **Internet Controls > Device Whitelist**.

8. Increased Limit of Whitelisted Devices

With this version number of allowed whitelisted devices in NetGenie has been increased to 40 (Forty). Prior to this version, the administrator was allowed to whitelist maximum of 20 (Twenty) devices.

To whitelist a device like smart phones, smart TVs, PDAs etc. go to **Internet Controls > Device Whitelist**.

Known Behavior

- The Configuration Profile Manager option under **System > Config Manager** will now support a single Default Profile instead of previously supported multiple profiles.

General Information

Technical Assistance

If you have problems with your system, contact customer support at

- support@netgenie.net
- +91-937-781-8181
- +91-79-3981-8181

Please have the following information available prior to contacting support. This helps to ensure that our support staff can best assist you in resolving problems:

- Appliance Serial number
- Firmware version
- Description of the problem, including the situation where the problem occurs and its impact on your operation
- Detailed steps on the methods you have used to reproduce the problem

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