



NETGEAR

FR114P/FR114W/FM114P ProSafe Firewalls

Version 1.5 Release 09

5/10/2004

This note describes enhancements and bug fixes incorporated in the release software Release Version 1.5 Release 09. The enhancements and fixes are those added since software Release Version 1.4 Release 26.

NOTE: If you are upgrading from a version older than v1.3, you must first upgrade to v1.3, then to v1.5.

NOTE: You MUST clear the configuration AFTER upgrading and manually reconfigure. Please write down all of your configuration information before upgrading.

New Features Overview

Support for Mail Servers Requiring Authentication

Support for PPPoE with Static IP Address

Support for Additional Dynamic DNS Providers

TZO.com and Oray (China) services added.

Modifications and Bug Fixes

Release version 1.5r09

1. Added DHCP server address, DHCP lease time, DNS server address on the WAN status page when WAN connection is DHCP.
2. Fixed slow GUI response when UPnP enabled.
3. Fixed issue when LAN interface and modem have same IP address.

Release version 1.5r08

1. Outbound rule now supports wan ip ending in 255.
2. Added UPnP in LAN IP Help page.
3. Email page: if uncheck My Mail Server requires authentication.
4. Improved UPnP on DMZ port (DirectX 5 issue).
5. Fixed CUSeeMe firewall issue.
6. Support for PPPoE with static IP.
7. Change TCP flood check number to 50 (was 30).
8. Fixed: When adding predefined IRC rule, sometimes said "Same port cannot be mapped twice".

Beta version 1.5r07

1. Fixed bugs in ngDDNS (Oray DDNS service).
2. When adding an inbound rule with Block Always, LAN Server IP is now disabled.
3. Supports DHCP Force Renew.
4. Improved: Block TCP Flood.
5. Associate DHCP table with PC database.
6. Changing Idle Timeout no longer requires re-login .

7. Add default route in routing table .
8. Diagnostic menu now works with Safari browser.
9. Fixed: Keyword block log format contained duplicated timestamp.
10. Fixed: Rules can't be restored from backup config file (Old config files can't be used in this version).
11. Fixed: FTP passive mode didn't work well with short scripts.
12. Fixed: Large attachment issues with PPTP service in Austria.
13. Fixed: Browsing during heavy TCP SYN packets.
14. Supports 32 MAC addresses in wireless access control list (was 20).
15. Diagnostics menu can now ping an IP address ending with 255.
16. Fixed: Restoring config did not accurately reload the services table.
17. Sends NTP request when WAN IP changes.
18. Fixed: When TCP server and TCP client close the session simultaneously, "ack" the fin packet correctly.

Beta version 1.5r06

1. Fixed: DNS cache caused LAN PC to get old IP for updated domain name.
2. Fixed: when "log always" selected, device only record the first policy's matching result.
3. Fixed: device getting time log will display duplicated week-day.
4. Fixed: when "NONE" selected on log email send page, log still sent when log is full.
5. Fixed: device records all packets even if "all incoming/outgoing" are not selected.
6. Fixed: MSN file transfer fails between v5 & v6.
7. Fixed: User defined MTU cannot be saved.
8. Fixed: change password will get a "login fail, password error" log.
9. Add check that user defined service name should not contain "()"&" characters.
10. Improve upgrade code.
11. Fixed: if refresh a website several times, device will think it is an attack and will block this PC.
12. Fixed: NULL URL will cause device hangup.
13. Fixed: if ping packet length longer than 1199 will get "request time out".

Known Issues

- 1) If Print Server does not function after upgrade:
 - a. Go to LANIP menu
 - b. Disable Print Server
 - c. Click Apply
 - d. Enable Print Server
 - e. Click Apply
- 2) Logging is very verbose by default. As this may affect performance, you may want to turn off logging of items that are not of interest to you.
- 3) [FM114P] If wireless connections fail after upgrade:
 - a. Go to Wireless menu
 - b. Click Apply

Upgrading to the New Software

NOTE: If you are upgrading from a version older than v1.3, you must first upgrade to v1.3, then to v1.5.

The upgrade files are:

Model	File Name
FR114P	fr114p_1509.img
FR114W	fr114w_1509.img
FM114P	fm114p_1509.img

NOTE: You MUST clear the configuration AFTER upgrading and manually reconfigure. Please write down all of your configuration information before upgrading.

You can upgrade by using the web interface Router Upgrade menu.

1. Open the browser (Internet Explorer or Netscape)
2. Access the router (usually <http://192.168.0.1>)
3. Login to the router (User Name = **admin** Password = **password** unless you have changed it)
4. Write down all settings that you have entered during configuration
5. Under Maintenance, click Router Upgrade
6. Click Browse and locate the upgrade file for your firewall model (see table above)
7. Click Upload
8. Wait for the router to reboot
9. Under Maintenance, click Settings Backup, then click Erase
10. Wait for the router to reboot
11. Manually enter your configuration information

If problems occur after upgrading, power cycle the router and press the rear panel pushbutton for at least 10 seconds. Allow the router to reboot, then reconfigure.