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Fortinet 60B

Fortinet Fortigate 60B Router Firewall VPN Antivirus User Manual

Model: 60B

1. Introduction

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your Fortinet Fortigate 60B device. The Fortigate 60B is a comprehensive security appliance designed to provide robust firewall, VPN, and antivirus capabilities for your network.

2. Setup

Follow these steps to set up your Fortigate 60B device:

1. **Unpacking:** Carefully remove the Fortigate 60B from its packaging. Ensure all components are present.
2. **Power Connection:** Connect the provided power adapter to the device's power input. The device requires a DC 12V, 3.0A power supply.
3. **Network Connections:**
    - Connect your internet service provider's modem to one of the**WAN** ports.
    - Connect your internal network devices (computers, switches) to the**LAN** ports (6-port 10/100BaseTX switch).
    - The **DMZ** port can be used for a demilitarized zone network segment.
    - Use the **RS232-Konsole** port for serial console access for initial configuration or troubleshooting.
    - The **USB** ports can be used for additional functionality as supported by the RouterOS.
4. **Initial Configuration:** Access the device's management interface via a web browser or the console port to perform initial network configuration, including IP addresses, security policies, and VPN settings.



Figure 1: Front panel of the Fortinet Fortigate 60B, showing the FortiGate 60B branding, a PC Card slot, and indicator lights for Power, Status, HA (High Availability), Alarm, WAN, DMZ, and LAN activity.

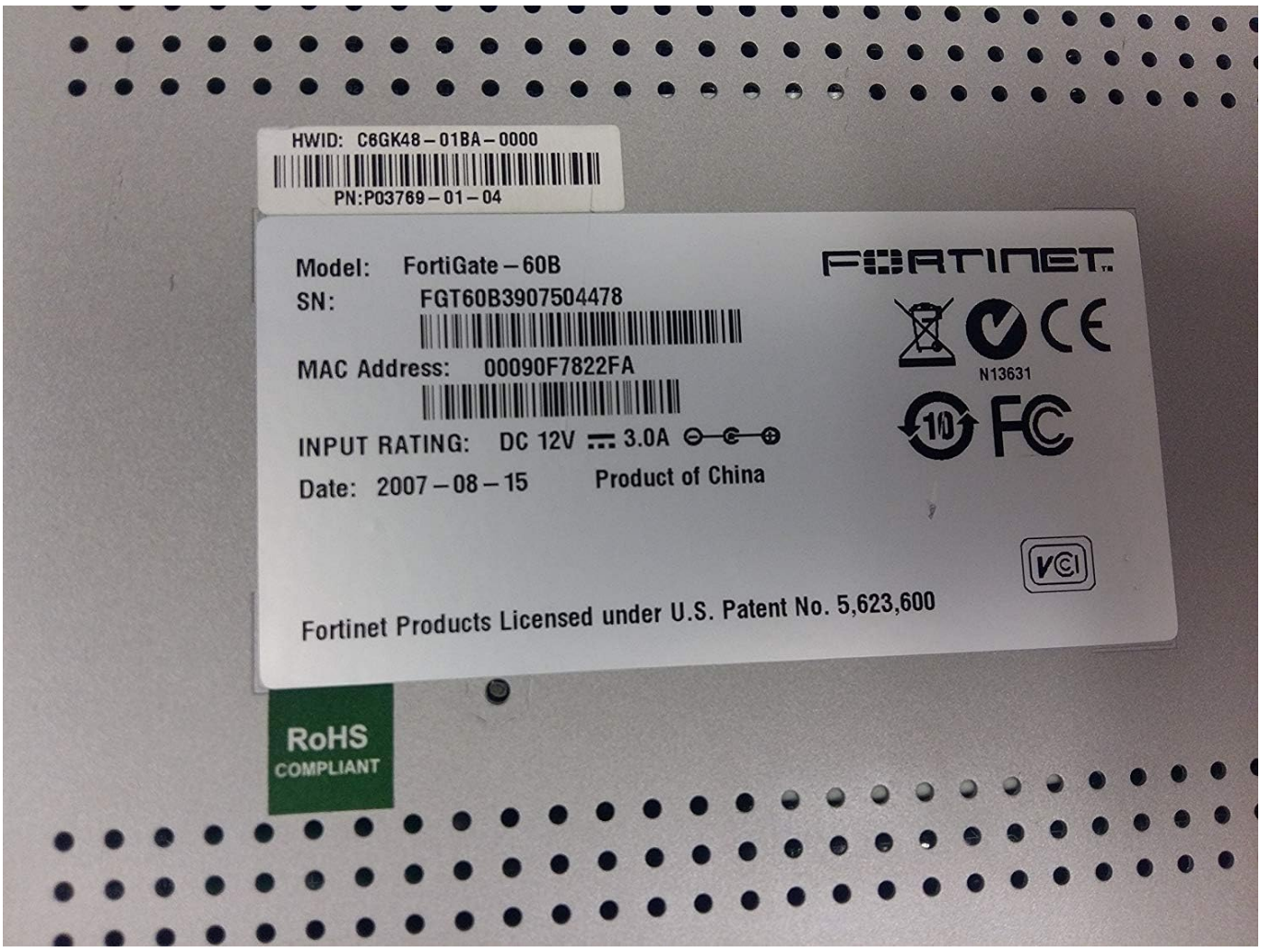


Figure 2: Bottom label of the Fortinet Fortigate 60B, displaying the Model (FortiGate-60B), Serial Number (FGT60B3907504478), MAC Address (00090F7822FA), Input Rating (DC 12V === 3.0A), Date (2007-08-15), and manufacturing origin (Product of China). Also visible are regulatory marks (CE, FCC, VCCI) and a RoHS Compliant badge. The HWID is C6GK48-01BA-0000 and PN is P03769-01-04.

3. Operating Instructions

The Fortigate 60B operates on RouterOS and provides a suite of security features:

- **Firewall:** The device offers a firewall performance of 100 Mbps, protecting your network from unauthorized access and threats.
- **VPN (Virtual Private Network):** Supports IPSec, PPTP, and L2TP protocols. It can handle up to 50 VPN tunnels with a 3DES (168Bit) encryption performance of 64 Mbps. Client Pass-through for IPSec and PPTP is also supported.

- **Antivirus:** Provides antivirus protection with a performance of 20 Mbps, scanning incoming and outgoing traffic for malicious software.
- **Concurrent Sessions:** Capable of managing up to 70,000 concurrent network sessions.
- **Security Zones:** Features 9 configurable security zones for granular network segmentation and policy enforcement.
- **PCCard Slot:** An integrated PC Card slot allows for expansion or additional functionality.
- **Analog Modem:** Includes support for an analog modem.

4. Maintenance

To ensure optimal performance and longevity of your Fortigate 60B:

- **Regular Cleaning:** Keep the device free from dust and debris. Use a soft, dry cloth for cleaning. Ensure ventilation openings are not obstructed.
- **Firmware Updates:** Regularly check the Fortinet support website for the latest firmware updates. Applying updates can improve security, performance, and add new features.
- **Environmental Conditions:** Operate the device within recommended temperature and humidity ranges to prevent overheating or damage.
- **Configuration Backup:** Periodically back up your device configuration to prevent data loss in case of unforeseen issues.

5. Troubleshooting

If you encounter issues with your Fortigate 60B, consider the following:

- **Power Indicator:** Check the POWER LED on the front panel. If it's off, verify the power connection and adapter.
- **Status Indicator:** The STATUS LED indicates the operational status of the device. Refer to the official documentation for specific LED patterns and their meanings.
- **HA/Alarm Indicators:** If the HA (High Availability) or ALARM LEDs are active, consult the Fortinet documentation for diagnostic steps related to high availability status or system alerts.
- **Network Connectivity:** Ensure all network cables are securely connected to the correct ports (WAN, LAN, DMZ). Check the link/activity LEDs on the respective ports.
- **Configuration Issues:** Incorrect network settings, firewall policies, or VPN configurations can lead to connectivity problems. Review your configuration settings.
- **Factory Reset:** As a last resort, a factory reset may resolve persistent issues. Refer to the official Fortinet documentation for the procedure, as this will erase all configurations.

6. Specifications

Feature	Specification
Model Number	60B
Manufacturer	Fortinet
Firewall Performance	100 Mbps
DMZ Ports	1

WAN Ports	2
USB Ports	2
Console Port	1x RS232
3DES (168Bit) Encryption Performance	64 Mbps
VPN Tunnels	50
Concurrent Sessions	70,000
Switch	6-port 10/100BaseTX
Client Pass-through	IPSec, PPTP
PCCard Slot	Yes
Analog Modem	Yes
Security Zones	9
Antivirus Performance	20 Mbps
VPN Protocols	IPSec, PPTP, L2TP
Operating System	RouterOS
Data Transfer Speed	100 Megabits per second
LAN Port Bandwidth	10/100 Megabits per second
Input Rating	DC 12V === 3.0A
Dimensions (L x W x H)	38.1 x 25.4 x 5.08 cm
Weight	2.7 kg (5.95 lbs)
ASIN	B0013JAD2C
UPC/GTIN	094922835901
Serial Number	FGT60B3907504478
MAC Address	00090F7822FA
HWID	C6GK48-01BA-0000
Manufacturing Date	2007-08-15
RoHS Compliant	Yes

7. Warranty and Support

For detailed warranty information, technical support, and additional resources, please visit the official Fortinet website. You can find product registration, knowledge base articles, and contact information for support services there.

Manufacturer: Fortinet

Official Website: www.fortinet.com

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