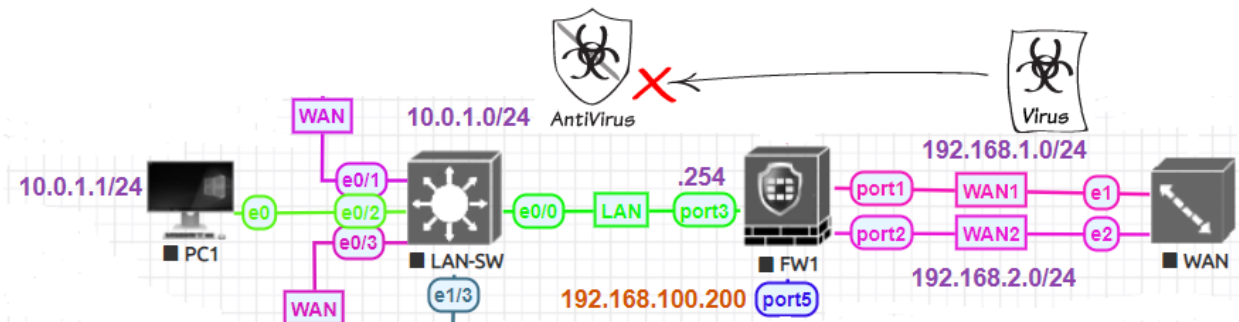


Antivirus Profile:

- o Antivirus profiles protect against viruses, worms, and Trojans & spyware downloads.
- o Antivirus solution provide protection for clients without impacting the performance.
- o This profile scans for a wide variety of malware in executables, PDF files, and HTML.
- o This profile scans for JavaScript viruses, inside compressed files & data encoding schemes.
- o If enabled Decryption on firewall, the profile also enables scanning of decrypted content.
- o FortiOS offers the unique ability to implement both flow-based and proxy-based antivirus.
- o In FortiGate Unit Firewall the Flow-based antivirus offers higher throughput performance.
- o In FortiGate while proxy-based solutions are useful to mitigate stealthy malicious codes.
- o In FortiGate FortiOS includes two preloaded antivirus profiles default and Wi-Fi-default.
- o You can customize these profiles, or you can create your own to inspect certain protocols.
- o Once antivirus profile is configured, you can add the antivirus profile to a firewall policy.
- o It antivirus scanner can detect viruses & other malicious payloads used to infect machines.
- o It stores a virus signature database that can identify more than 15,000 individual viruses.



FortiOS offers the unique ability to implement both flow-based and proxy-based antivirus concurrently, depending on the traffic type, users, and locations. Flow-based antivirus offers higher throughput performance. Protocol comparison between antivirus inspection modes. The following table indicates which protocols can be inspected by the designated antivirus scan modes.

Mode	HTTP	FTP	IMAP	POP3	SMTP	NNTP	MAPI	CIFS	SSH
Proxy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Flow	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No

The antivirus scanning engine uses a virus signatures database to record the unique attributes of each infection. The antivirus scan searches for these signatures and when one is discovered, the FortiGate determines if the file is infected and takes action. All FortiGate have the normal antivirus signature database.