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FortiExtender - Release Notes

Version 7.0.1

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August 5, 2021

FortiExtender 7.0.1 Release Notes

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Introduction

This Release Notes highlights the important information about the FortiExtender 7.0.1 (Build 033) release. It covers the following topics:

- [What's new in FortiExtender 7.0.1](#)
- [Supported hardware models](#)
- [Special notes](#)
- [Upgrade instructions](#)
- [Product integration and support](#)
- [Known issues](#)
- [Resolved issues](#)



For more information, see the [FortiExtender 7.0.1 Admin Guide](#).

What's new in FortiExtender 7.0.1

FortiExtender 7.0.1 offers the following new features:

- Pop-up warning on GUI when the IP of the connection interface is changed.
- NTP server list configuration on GUI
- Resetting configuration values to default on GUI
- FortiView LTE support of time scaling
- Download of third-party VPN certificates from Cloud
- Idle timeout settings on the CLI to apply access timeout to console and SSh/Telnet sessions.



For detailed information and implementation of the features, refer to the FortiExtender 7.0.1 [Admin Guide](#).

Supported hardware models

FortiExtender 7.0.1 supports the following hardware models:

- FortiExtender 201E
- FortiExtender 211E
- FortiExtender 200F
- FortiExtender 511F



All built-in modems can be upgraded with compatible, wireless service provider-specific modem firmware.

Special notes

- FortiExtender running in local IP-passthrough mode is accessible at 192.168.1.2 over SSH or HTTPS on Port 4.
- Not all receivers can receive SMS notifications. Be sure to adjust the receiver sequence to ensure that the first receiver always gets SMS notifications.
- When upgrading to FortiExtender 7.0.1, you must also upgrade the modem firmware. You can either upgrade the entire firmware package version 19.0.0 (or later) or only the firmware/pri inside the package.
- Upon reboot, FortiExtender will try to discover the FortiGate or FortiExtender Cloud that manages it, depending on your existing configuration. Because of this, there might be a one or two minute delay before the device can reconnect to the FortiGate or FortiExtender Cloud.
- FortiExtender 201E and 211E devices come with a Bluetooth button, which is off by default. However, when it is turned on, anyone can access the devices via Bluetooth. To safeguard your network, we strongly recommend setting passwords for all your devices before deploying them in your environment.
- In order for FortiExtender to forward syslog messages to a remote syslog server, the syslog server and FortiExtender's LAN port must be part of the same subnet.
- FortiExtender and FortiGate share the same LTE IP in WAN-extension mode. In pre-4.2.2 releases, FortiExtender does not allow access to ssh/https/http/telnet service via the LTE interface, so all the traffic to those default service goes to FortiGate. FortiExtender 4.1.7/4.2.2 adds local ssh/https/telnet/http service support via the LTE interface. To distinguish local services from FortiGate services, you must configure FortiExtender to use different ports. Otherwise, all traffic to these default services will be sent to FortiExtender locally instead of the FortiGate. Below are the configuration changes you must make after upgrading to FortiExtender 4.2.2:

```
config system management
  config local-access
    set https 22443
    set ssh 2222
  end
end
```

Upgrade instructions



- You can upgrade your FortiExtender to the FortiExtender 7.0.1 OS image from FortiExtender 4.0 or later.
 - Your FEX-201E and/or FEX-211E devices may not be loaded with the latest modem firmware when shipped. To ensure their optimal performance, you **MUST** upgrade their modem firmware with the firmware package (preferably version 19.0.0 or later) specific to your wireless service provider before putting them to use.
-

Firmware upgrade procedures



You can upgrade the modem firmware package in its entirety using the FOS CLI, or the FortiExtender OS GUI or CLI. You can also upgrade a specific piece of firmware or PRI file (if you are an experienced professional user).

Modem firmware packages with `.out` extensions can be downloaded and unzipped from [Fortinet Support](#) website. Your unzipped package contains either the Sierra LTE-A EM7455 or the Sierra LTE-A PRO EM7565 modem firmware, which consists of two types of files:

- A PRI file with the filename extension `".nvu"`
- A firmware file with the filename extension `".cwe"`

You must flash both files onto the modem to connect to the wireless service provider of your choice.

Upgrade via the FortiExtender (device) GUI:

1. Log into your FortiExtender.
 2. On the navigation bar on the left, click **Settings**.
 3. From the top of the page, select **Firmware**.
 4. Select **Extender Upgrade > Local**.
-



When connected to the Internet, FortiExtender is able to pull the OS images and modem firmware directly from FortiExtender Cloud, irrespective of its deployment status.

Product integration and support

Modes of operation

FortiExtender 7.0.1 can be managed from FortiGate, FortiExtender Cloud, or locally independent of FortiGate or FortiExtender Cloud. When deployed in the Cloud, FortiExtender can be centrally managed from FortiExtender Cloud; when managed by FortiGate, the device searches for a nearby FortiGate to transition to Connected UTM mode; when managed locally, it functions as a router providing services to other devices. For more information, see FortiExtender Cloud Admin Guide and FortiExtender 7.0.1 Admin Guide.

The table below describes FortiExtender's modes of operations in these scenarios.

Management scenario	Mode of operation	
	NAT	IP Pass-through
FortiGate	No	Yes
FortiExtender Cloud	Yes	Yes
Local	Yes	Yes

Supported Web browsers

FortiExtender 7.0.1 supports the latest version of the following web browsers:

- Google Chrome
- Mozilla Firefox



Other web browsers may function as well, but have not been fully tested.

Known issues

The following are the known issues discovered in FortiExtender 7.0.1.

Bug ID	Description
0726335	Some hardware units don't proceed past CONNMGR_START_SESSION.
0738261	Users with write role are unable to configure or edit new network services.
0738184	Changes in IP addresses are not reflected on the GUI until the page is refreshed.
0738186	The GUI settings are not updated with the current image information after the version has been upgraded from FortiGate.

Resolved issues

The following are the issues fixed in FortiExtender 7.0.1.

Bug ID	Description
0672164	LTE1 route was missing in IP route because the Linux IP route tool doesn't support adding more default routes with the same metric.
0709652	The ' <code>get system status</code> ' command output needs to be standardized.
0726676	FortiGate 6.2 APN settings do not update plan slots or carriers.

Change log

Publishing Date	Change Description
August 5, 2021	FortiExtender 7.0.1 release.



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