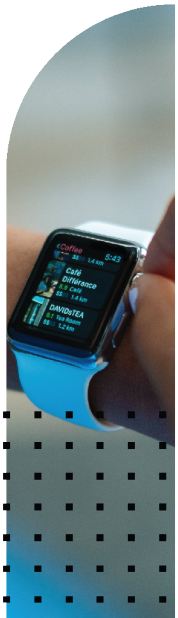
Release Notes

FortiExtender 7.2.1



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August 10, 2022
FortiExtender 7.2.1 Release Notes

TABLE OF CONTENTS

Introduction

This Release Notes highlights the important information about the FortiExtender 7.2.1 (Build 125) release. It covers the following topics:

For more information, see the FortiExtender 7.2.1 Admin Guide (FGT-Managed) or Admin Guide (Standalone).

What's new in FortiExtender 7.2.1

FortiExtender 7.2.1 is a patch release with bug fixes only. No new feature has been implemented in this release.

For a detailed description of the features, refer to the FortiExtender 7.2.1 Admin Guide (FGT-Managed) or Admin Guide (Standalone).

Supported hardware models

FortiExtender 7.2.1 supports the following hardware models:

Model	Market
FortiExtender 201E	North and South Americas, EMEA, and some APAC carriers
FortiExtender 211E	Global
FortiExtender 101F-AM	North America
FortiExtender 101F-EA	EMEA, Brazil, and some APAC carriers
FortiExtender 200F	Global
FortiExtender 212F	Global
FortiExtender 311F	Global
FortiExtender 511F	Global

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

FortiExtender 201E, 211E, 212F, 311F, and 511F devices come with a Bluetooth button, which is turned off by default. 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.

Special notes

- FortiExtender running in local IP-passhrough 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 7.2.1, 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 short delay before the device reconnects to the FortiGate or FortiExtender Cloud.
- FortiExtender 201E, 211E, 212F, and 511F 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 the FortiExtender 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 traffic to those default services goes to FortiGate. FortiExtender 4.1.7 and 4.2.2 add 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 from a pre-4.2.2 release:

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

Upgrade instructions

- You can upgrade your FortiExtender to the FortiExtender 7.2.1 OS image from FortiExtender 4.0 or later.
- Your FEX-201E, FEX-211E, and/or FEX-511F 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 for FEX-201E and FEX-211E, or RM502Q-21.2.2 for FEX-511F) 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.

To 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

FortiOS-FortiExtender OS compatibility

FortiExtender 7.2.1 supports all FortiOS releases since FortiOS v. 6.2.0. For more information, see FOS & FortiExtender OS Compatibility Matrix.

Modes of operation

FortiExtender 7.2.1 can be managed from FortiGate or 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 7.2.1 Admin Guide.

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

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

Supported Web browsers

FortiExtender 7.2.1 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.

Resolved issues

The following are the issues fixed in FortiExtender 7.2.1. For inquiries about a particular issue or to report an issue, please contact Fortinet Customer Service & Support.

Bug ID	Description
0811011	Static routes with distance “0” may not be available in the routing table after upgrading to FortiExtender 7.x.
0801958	The FEX-511F web GUI doesn't load up when accessed via IPSec tunnel.
0803036	FEX-211E may encounter certain modem firmware error.
0790445	FortiExtender in VLAN mode may fail to pass IPs to FortiGate.
0796254	FEX-511F may fail to identify to the correct wireless carrier with SIM cards mcc 310 mnc 280.
0809451	For FEX-511F and FEX-101F, SIM switch between carriers in the US doesn't work as desired.

Known issues

The following are the known issues discovered in FortiExtender 7.2.1. For inquiries about a particular issue or to report an issue, please contact Fortinet Customer Service & Support.

Bug ID	Description
0720017	SMS notification may not work properly for FortiExtender 511F.

Change log

Publishing Date	Change Description
August 10, 2022	Initial release.