



FORTINET®

High Performance Network Security

FortiConnect

Version 16.7

SSL

IPsec



FortiConnect

16.7

VERSION

FortiConnect is a complete provisioning, management, and reporting system that provides temporary network access for guests, visitors, contractors, consultants, or customers. FortiConnect works alongside Wireless Controllers, LAN Switches, NAC Systems, Firewalls and other Network Enforcement devices which provide the captive portal and enforcement point for guest access.

This release comes with important fixes and the following new features.

Enhancements to Password Policy

Accounts created through a guest portal and/or sponsor portal must respect the minimum password requirements as set in the password policy of the respective portal.

Minimum Password Policy

The screenshot shows the 'Portal Setup Wizard' interface with the 'Password Policy' step selected in the left sidebar. The main content area is titled 'Password Policy' and includes a description: 'By modifying the following options you can define which characters will be used when generating account passwords and how long the password should be.' Below this, there are two sections: 'Password generation mode' and 'Password requirements'. The 'Password generation mode' section has two radio buttons: 'Auto generated password' (selected) and 'Guest specified password'. The 'Password requirements' section contains several fields: 'Minimum password length' (set to 8), 'Characters to include' (a text box containing 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789'), 'Password case' (set to 'Mixed'), 'Number to include' (set to 6), 'Characters to include' (a text box containing '0123456789'), 'Number to include' (set to 2), 'Characters to include' (a text box containing '!\$%^&*~@#~:~<~>~?'), and 'Number to include' (set to 0). At the bottom right, there are four buttons: 'Save', '< Back', 'Next >', and 'Exit'.

Guest User Change Password Policy

Guest users will be required to change their passwords after they login using the password created by the admin.

Support for Peach Payments Gateway

Starting with this release, guest users can use Peach Payments payment gateway (processed via the Peach Payment Gateway, <http://www.peachpayments.com/>) to make payments. To start using Peach Payments, please register with the service provide to get account credentials as required in the Payment Provide page.

Add New Payment Provider

Account Details

Account Name:

Account Description:

Payment Provider:

Operation Mode: [https://oppwa.com/v1/payments]

User ID:

API Password: Confirm:

Entity ID:

Available Currencies:
Algerian Dinar (DZD)
Argentine Peso (ARS)
Armenian Dram (AMD)
Aruban Guilder (AWG)
Australian Dollar (AUD)

Supported Currencies:

Updates to RADIUS Account Report

The RADIUS account report will display data consumed in MB.

Fortinet FortiConnect

Report & Manage Accounts: h

Accounting Log | Audit Log | Activity Log

Total download: 12.759 MB
Total upload: 1.127 MB
Total time online: 28 minute(s), 19 second(s)

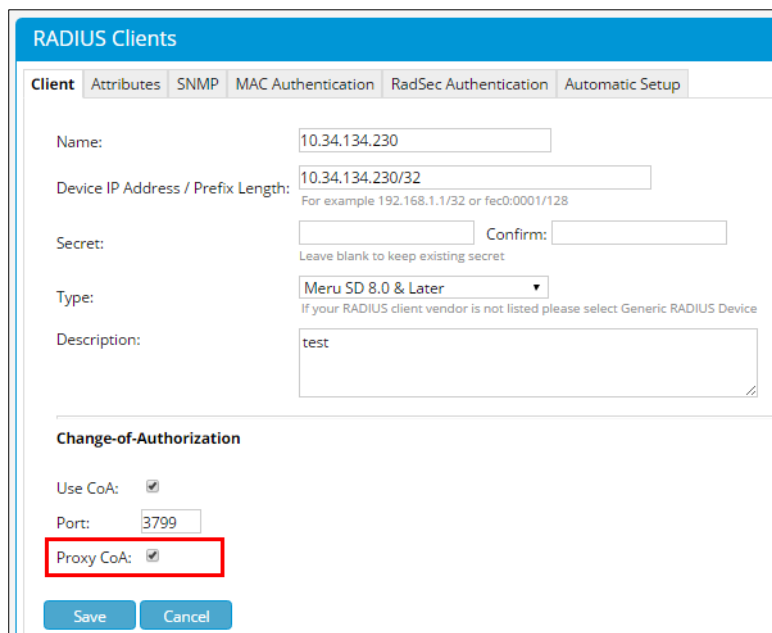
[Download CSV](#)

NAS IP Address	User's IP Address	Calling Station Id	Logged in	Logged Out	Duration	Download MB	Upload MB
10.34.140.141	10.34.140.24	60-57-18-10-3D-A3	22-Aug-2016 03:21:57	22-Aug-2016 03:31:34	9 minute(s), 37 second(s)	0.082	0.039
10.34.140.141	10.34.140.17	EC-88-92-A6-27-37	22-Aug-2016 03:17:51	22-Aug-2016 03:31:34	13 minute(s), 43 second(s)	12.677	1.089

RADIUS Proxy CoA

You can now disconnect clients by sending RADIUS disconnect requests from a third-part or an external RADIUS server to the FortiConnect server.

To use this functionality, enable the Proxy CoA option for the RADIUS client.

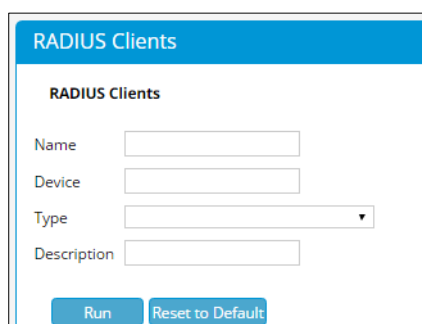


The screenshot shows the 'RADIUS Clients' configuration page. The 'Client' tab is selected. The 'Name' field is '10.34.134.230'. The 'Device IP Address / Prefix Length' field is '10.34.134.230/32'. The 'Secret' field is empty, and the 'Confirm' field is also empty. The 'Type' dropdown is set to 'Meru SD 8.0 & Later'. The 'Description' field contains 'test'. In the 'Change-of-Authorization' section, the 'Use CoA' checkbox is checked, the 'Port' is '3799', and the 'Proxy CoA' checkbox is checked and highlighted with a red rectangle. The 'Save' and 'Cancel' buttons are at the bottom.

RADIUS Client Search

You can search for a specific RADIUS client using any of the following search parameters

- **Name:** Name of the RADIUS client
- **Device:** IP Address of the RADIUS client
- **Type:** Select the type of client.
- **Description:** User defined description of the client.



The screenshot shows the 'RADIUS Clients' search page. It has a search form with fields for 'Name', 'Device', 'Type' (a dropdown), and 'Description'. Below the form are 'Run' and 'Reset to Default' buttons.

Guest Portal Wizard Enhanced with new GUI

The guest portal wizard is enhanced with a new GUI that is simple and easy to use. With the new design, all steps in the wizard is positioned in the left sidebar.

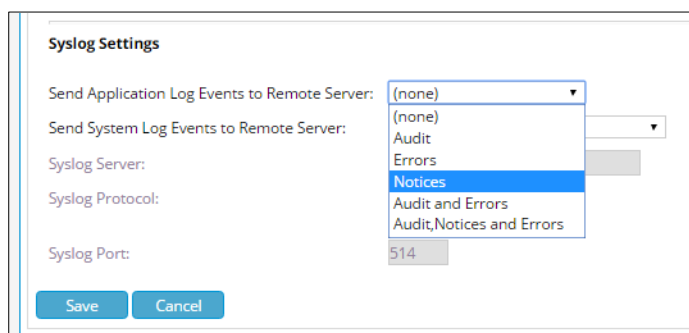
You can access any step of the wizard by clicking the corresponding link in the left sidebar. After making a change, clicking on the **Next** or **Save** button (positioned in the footer of the wizard) will save the details of that page.

NOTE

When you create a guest portal for the first time, we recommend that you complete all the steps in the sequence.

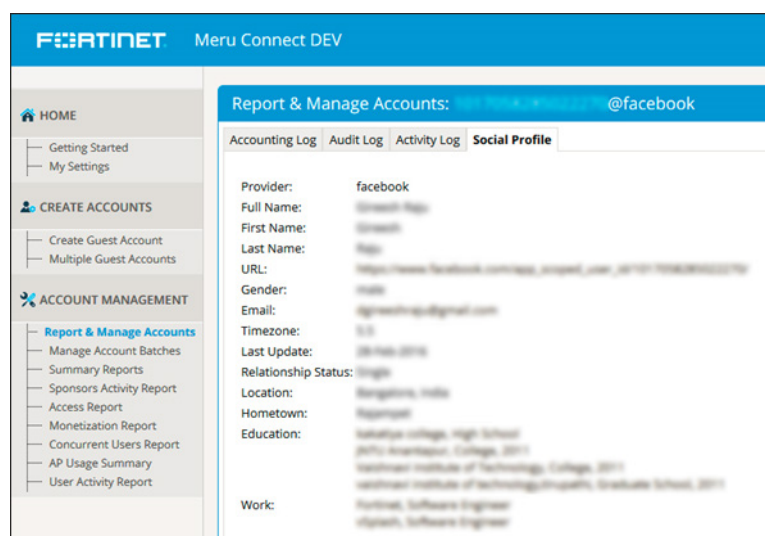
Syslog Enhancements

The syslog settings under the REPORTS and LOGS section is been updated to include NOTICE log types. This option logs emergency, alert, critical, errors, warnings and notices.



Social Profile Enhancements

Extended social profile information is available in the **Social Profile** tab (**Reports& Manage Accounts** -> **View detailed report** -> **Social Profile** in the Sponsor Portal) of users authenticated using their social profiles (Facebook, Google, and Twitter).



Known Issues

BugID	Description
382500, 0379025	When a user tries to configure the portal for the first time without completing all step in sequence it results in error when the user clicks the preview portal button. Workaround: When creating a portal for the first time, users must complete all the steps in portal creation in the sequence.
0377204	Boot menu is not displayed.
0378559	In the RADIUS clients page, the following issues are noticed: <ul style="list-style-type: none">• Pagination links are not available if there many clients.• Number of search results is not displayed.

Upgrade Path

Supported Hardware and Software

Hardware

The following hardware products are supported for this release:

Supported	SA250, SA2000
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Virtual Machine

- ESX 4.xi
- ESX 5.xi
- ESX 6.0
- Microsoft Hyper V on Windows 2008 or later
- Workstation 5.0 or later
- Fusion 2.0 or later

NOTE

Workstation and Fusion versions are only supported for evaluation or demonstration purposes.

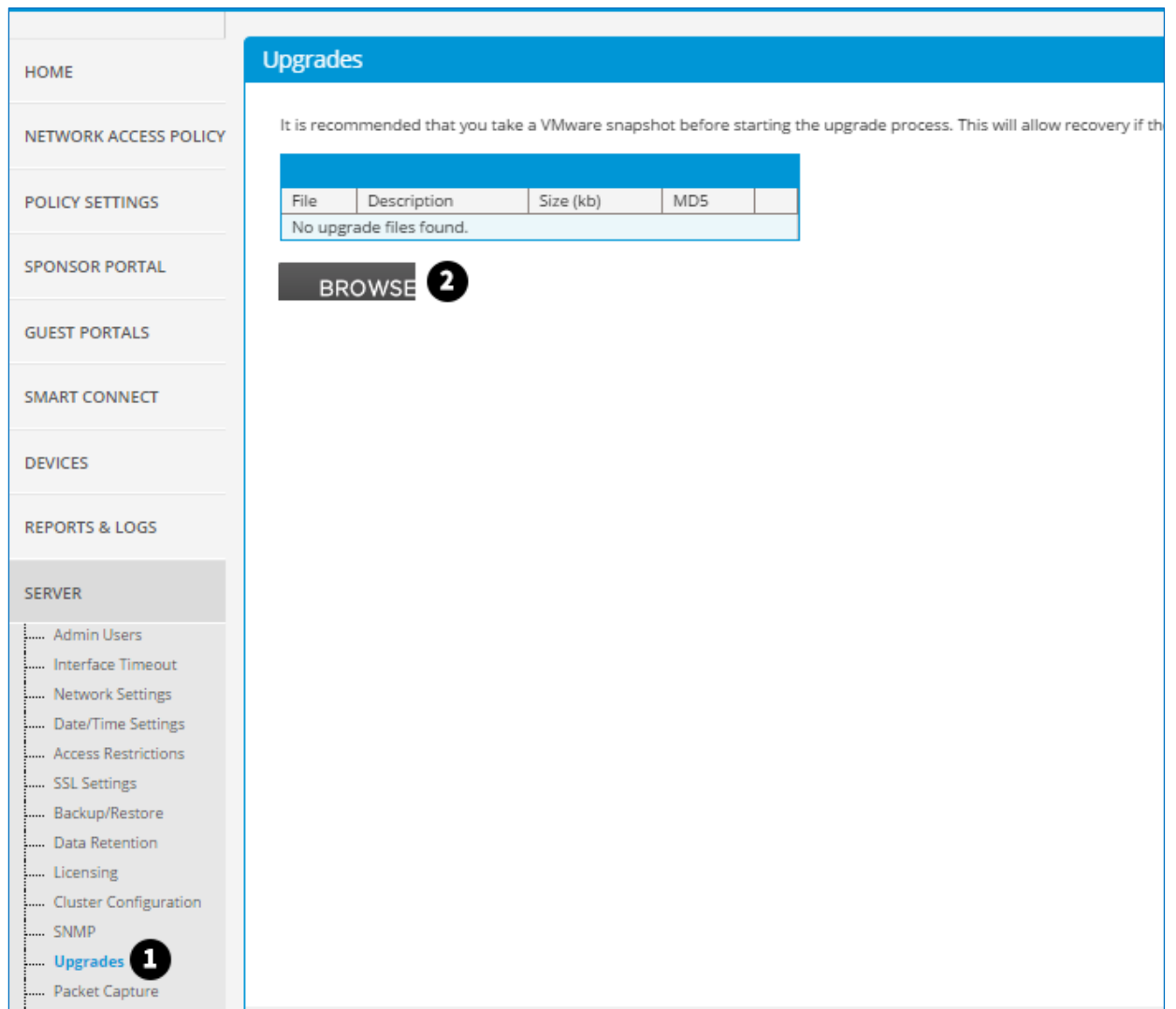
Upgrade Process

From the CLI Administration menu you can perform an upgrade of your FortiConnect. To allow this you must have already uploaded the upgrade file to your FortiConnect; this can be done via the FortiConnect administration interface once you have logged on for the first time.

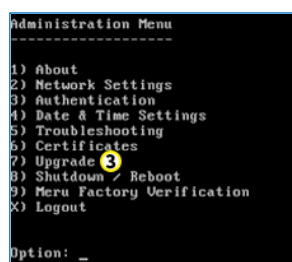
NOTE

All previous releases of Identity Manager or Guest Manager must be upgraded to 14.2 before upgrading to FortiConnect 16.8. If running from SSH do not close the session or lose network connectivity as this will terminate the upgrade and cause potential issues. To avoid this problem you can run the upgrade from the appliance console.

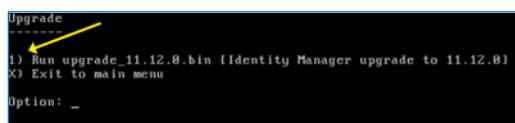
1. From the FortiConnect Admin select Server and click on Upgrades (1) as shown below.



2. Click on the browse button (2) and select the upgrade file from your locally stored directory. The file should upload automatically.
3. From the CLI Administration Menu select option 7.



4. Select option 1 to perform the upgrade.



Licensing and Initial Configuration

FortiConnect requires a license file before it can run. For instructions on initial system setup and how to obtain a license, refer to Chapter 4 (System Setup) of the FortiConnect User Guide.

Additional Resources

In addition to the release notes, the following documentation is available.

- FortiConnect User Guide
- FortiWLC (SD) Configuration Guide

END USER LICENSE AGREEMENT

<http://www.fortinet.com/doc/legal/EULA.pdf>

Support and Contact

For assistance, contact Fortinet Customer Service and Support 24 hours a day at +1 408-542-7780, or by using one of the [local contact numbers](#), or through the Support portal at <https://support.fortinet.com/>

Fortinet Customer Service and Support provide end users and channel partners with the following:

- Technical Support
- Software Updates
- Parts replacement service



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