



SANGFOR

SANGFOR _NGAF _v7.4_ Factory Restore Configuration



SANGFOR Technologies Inc.

6th December 2017

Your Future-Proof IT Enabler

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Declaration

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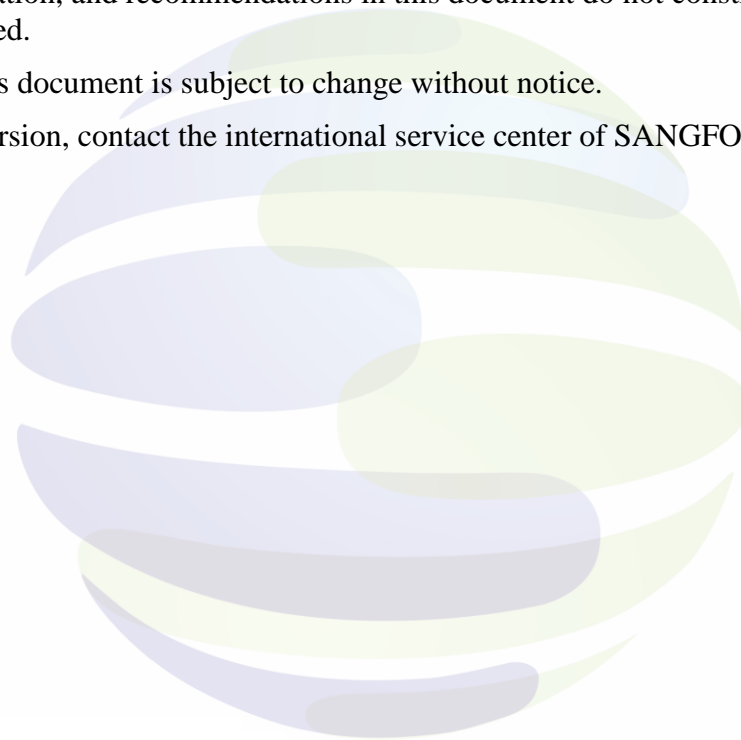
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1 Introduction

1.1 Abbreviations and conventions

AF in this article refers to the SANGFOR NGAF device.

1.2 Feedback

If you find any questions of this documents, please feel free to give us feedback, email: tech.support@sangfor.com.

2 Function Briefing

Restore NGAF device to default configuration.

3 Scenario

Before deploying NGAF device in another network, all of the configuration in NGAF device must be clear out and restore to default setting.

3.1 Prerequisite

- i. Prepare an NGAF device.
- ii. Ensure PC can communicate with NGAF device and can login to web console.
- iii. Have a Sangfor Firmware updater and corresponding firmware upgrade packages.

4 Configuration Ideas

- i. Reset to default setting in web UI.
- ii. Using Sangfor Firmware Updater to restore to default.

5 Configuration Steps

Factory restore has 2 methods. One is to reset it to defaults via web UI, another way is using upgrade method via Sangfor Firmware updater to restore it.

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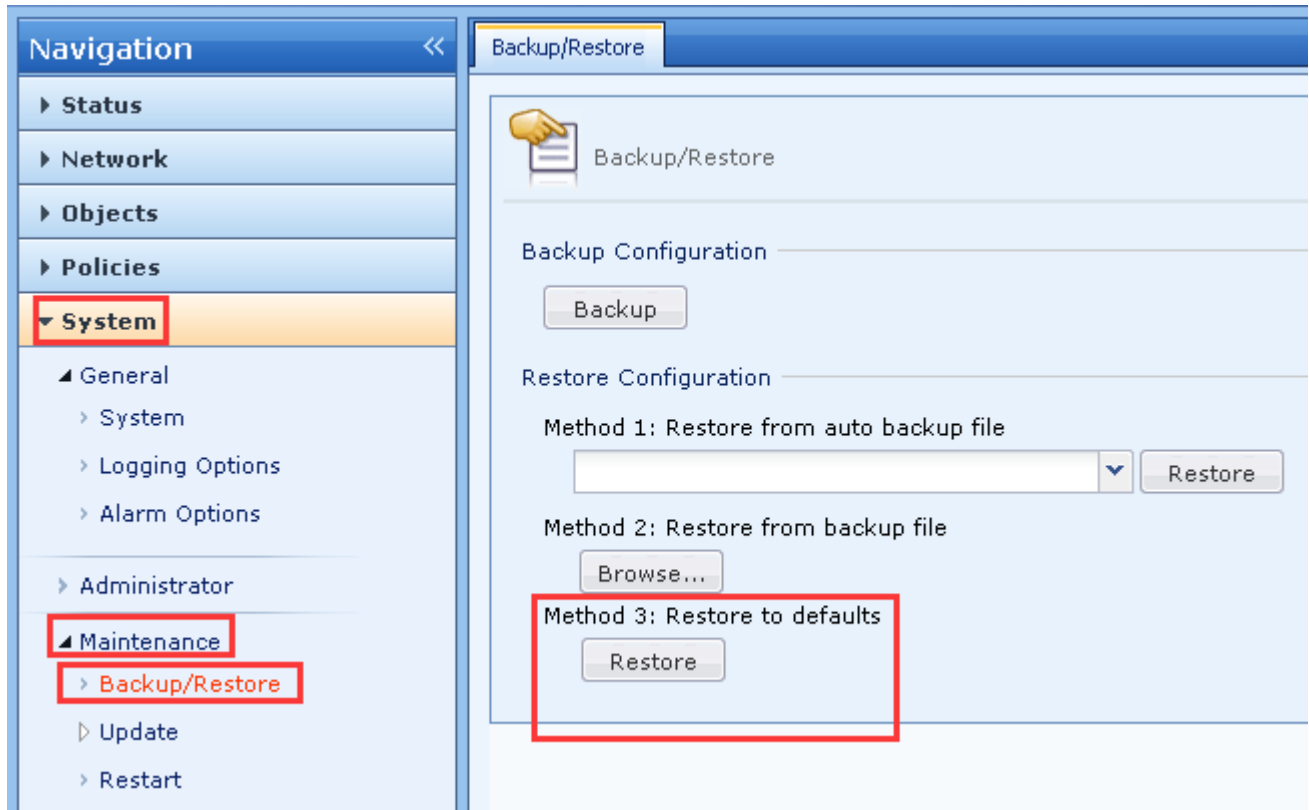
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5.1 Restore device with Web UI

- Login to NGAF web UI, configure it in **System>Maintenance>Backup/Restore**.

**The restore process will cause a *downtime* and need to wait it rebooting.



5.2 Restore device with updater

- Firstly, download the Sangfor Firmware Updater and the needed upgrade file (The upgraded package should be same with currently device's version or above) from <http://www.sangfor.com/service/firmware.html>

SOFTWARE				
Updated Date	Name	Description	File Size	Download
20120401	Firmware Updater	Use this tool to update your firmware to the latest version (please note that this updater does not work with Sangfor HCI).	3.09 MB	Click here to download
20151105	PDLAN	Sangfor VPN Client. OS supported: WIN 2000 (32 bit), WIN XP (32 bit), WIN 2003 Ser (32 bit), Vista (32 bit Home Basic, Enterprise), WIN7 (32/64-bit home premium, professional, ultimate), WIN8 (enterprise, standard, professional), WIN8.1(professional enterprise, Core), WIN10 (home basic, professional, enterprise, education).	21.30 MB	Click here to download

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NGAF FIRMWARE				
Updated Date	Name	Description	File Size	Download
20170511	NGAF 7.3	Support upgrade from NGAF 7.2	290.00 MB	Click here to download
20170316	NGAF 7.2	Support upgrade from NGAF 7.1	675.00 MB	Click here to download
20170117	NGAF 7.1R1	Support upgrade from NGAF 6.9.	670.00 MB	Click here to download
20160613	NGAF 6.9	Support upgrade from NGAF 6.8.	696.00 MB	Click here to download
20160328	NGAF 6.8	Support upgrade from NGAF 6.7.	692.00 MB	Click here to download
20160128	NGAF 6.7	Support upgrade from NGAF 6.4.	675.00 MB	Click here to download
20151110	NGAF 6.4	Support upgrade from NGAF 5.6.	693.00 MB	Click here to download
20150416	NGAF 5.6	Support upgrade from NGAF 5.3.	330.00 MB	Click here to download

ii. Extract the compression file to run Sangfor Firmware Updater.

Name ^	Date modified	Type	Size
STARTUP	4/16/2012 9:12 AM	File folder	
 SANGFOR Firmware Updater	4/1/2012 8:55 AM	Application	531 KB

iii. Configure AF's IP address and key in the password.

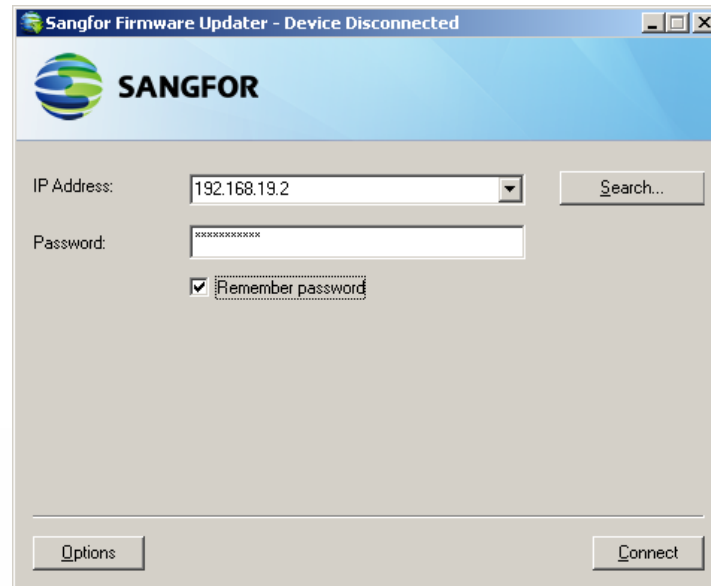
- IP Address: The IP address of login to web console
- Password: Admin account's password.

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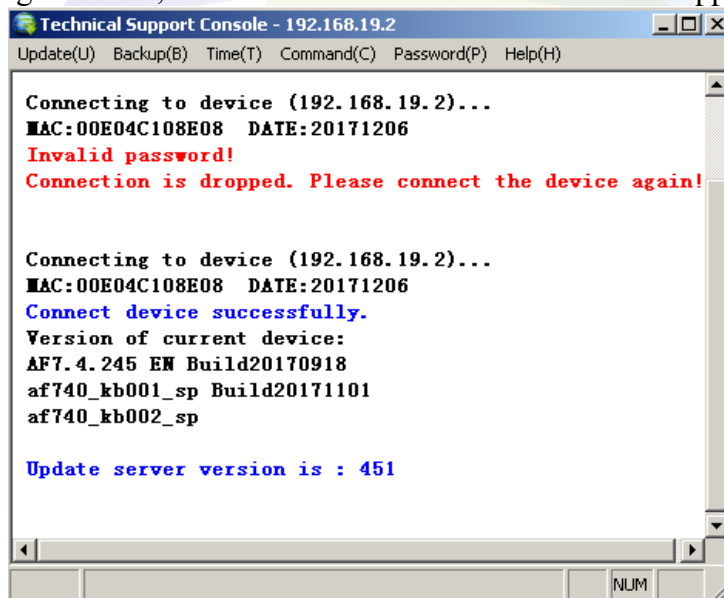
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- iv. After connecting to device, click “F10” button to enable technical support tool.



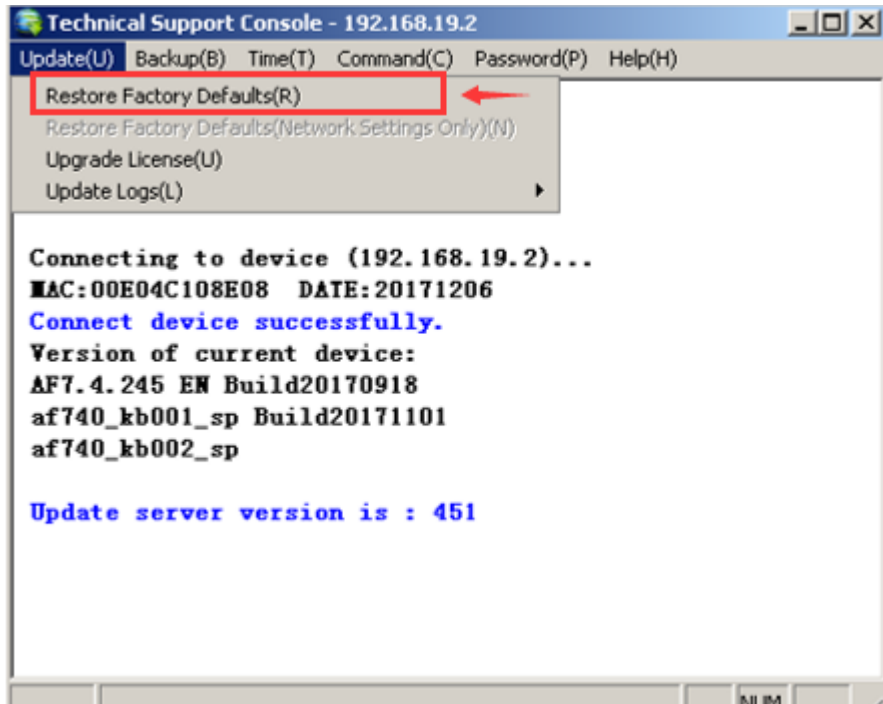
- v. Click “Update” and choose “Restore Factory Defaults”.

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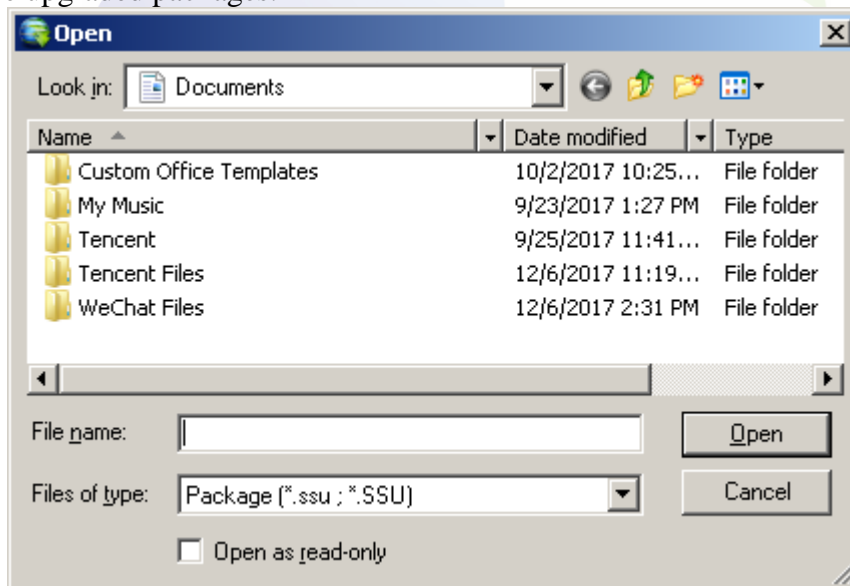
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- vi. Select the upgraded packages.



- vii. Last, click “Yes” to restore it. Same with 5.1 method will cause a downtime to wait rebooting. After rebooting, the factory restore is finished.

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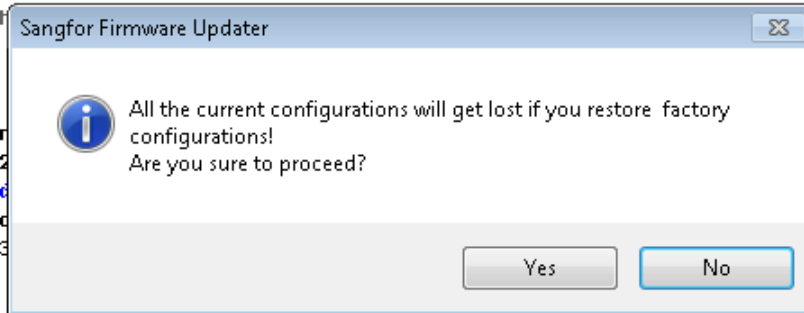
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4. (New) IPSec VPN performance enhancement
5. (New) IPSec VPN supports aes-256 and sha-256 algorithm
6. (Enhancement) MIB format enhancement
7. (New) Configuration wizard guides through NGAF configuration
8. (New) Support RADIUS SSO, TACACS authentication and sub-interface di
9. (New) Highlight display of attack source and location (state)
10. (Enhancement) Support for static route

Connecting
MAC:000C2
Connect d
Version d
AF6.8.213
cft_sp
flru_sp



6 Precautions

- i. After factory restore, use a cable to connect PC and the manage port (eth0) of AF, then can login to web console via <https://10.251.251.251> (subnet mask: /24). Both username and password are admin. If the firmware version is 3.0 and below, the username and password are respectively admin and sangfor.
- ii. This 2 methods are needed the account's password. If forget the password, then required to use USB to do password reset.

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