

**JUST
CONNECT**

Powered by Zyxel Nebula



SOP for firewall onboarding to Nebula

ATP/USG FLEX/USG20-VPN Series

together we are connected

Nebula Together represents Zyxel's strategy to help customers realize the power of bringing your whole network together into a single platform.

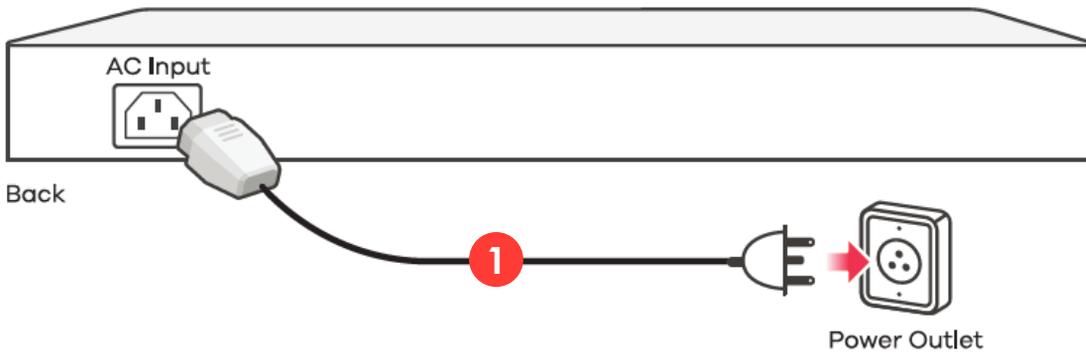
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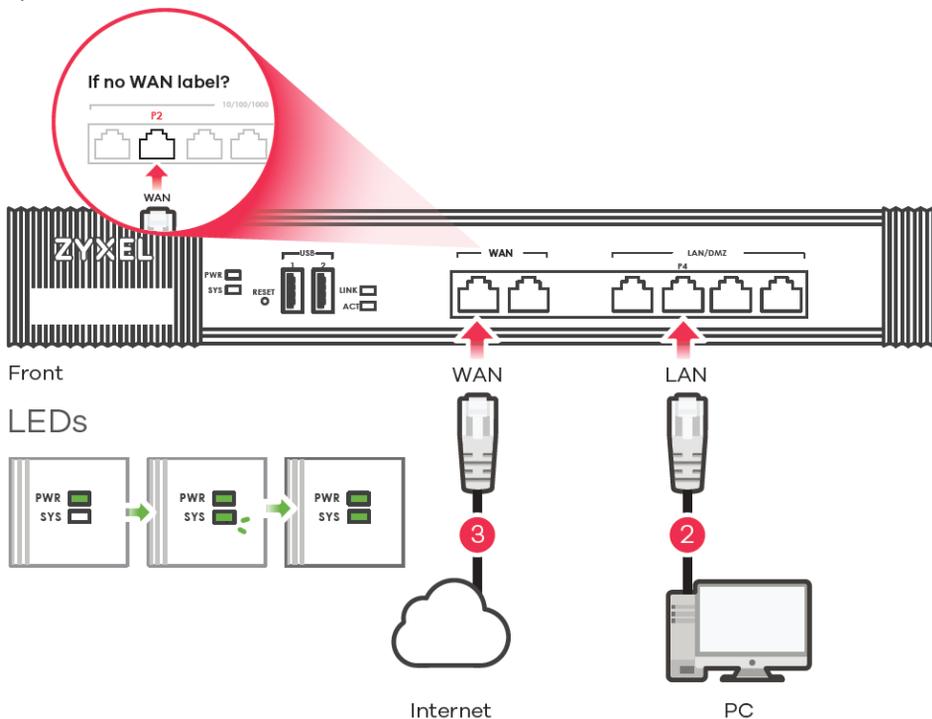
together we are connected

Nebula Together represents Zyxel's strategy to help customers realize the power of bringing your whole network together into a single platform.

1 Install Hardware



1 Use the included power adaptor or power cord to connect the power socket (on the rear panel) to a power outlet.



2 It is recommended that you configure the security appliance before using it to protect your network. Use an Ethernet cable to connect a computer to the LAN port (P4) of the security appliance.

3 Use another Ethernet cable(s) to connect a computer to the WAN port (or P2, if no WAN label) to an Ethernet jack with Internet access. At the front panel, ensure that the PWR light turns on. The SYS light blinks during system testing and initialization, then it should stay on when the system is ready.

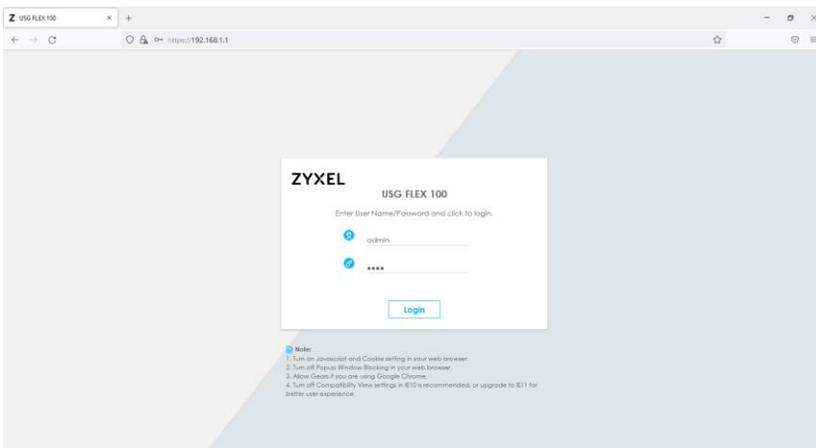
We'll get you quickly up and going with this guide for Zyxel firewall onboarding to Nebula with DHCP WAN type.

2 Run initial wizard and upgrade firmware

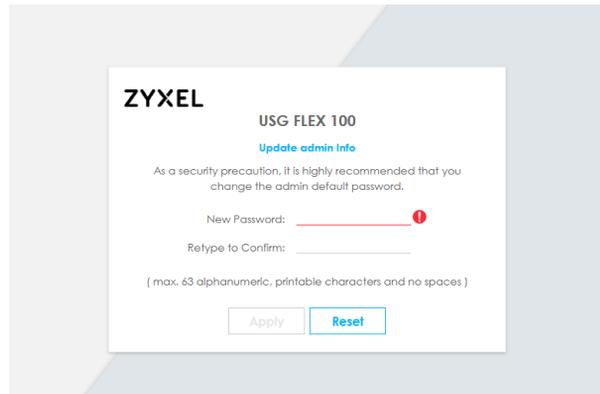
2.1 Login to device GUI with IP: <https://192.168.1.1>

User name: admin

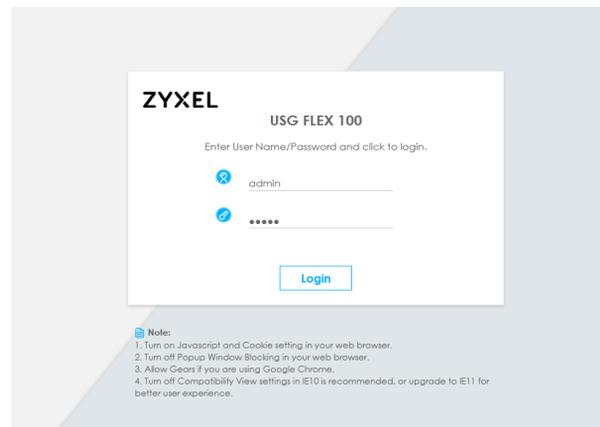
Password: 1234



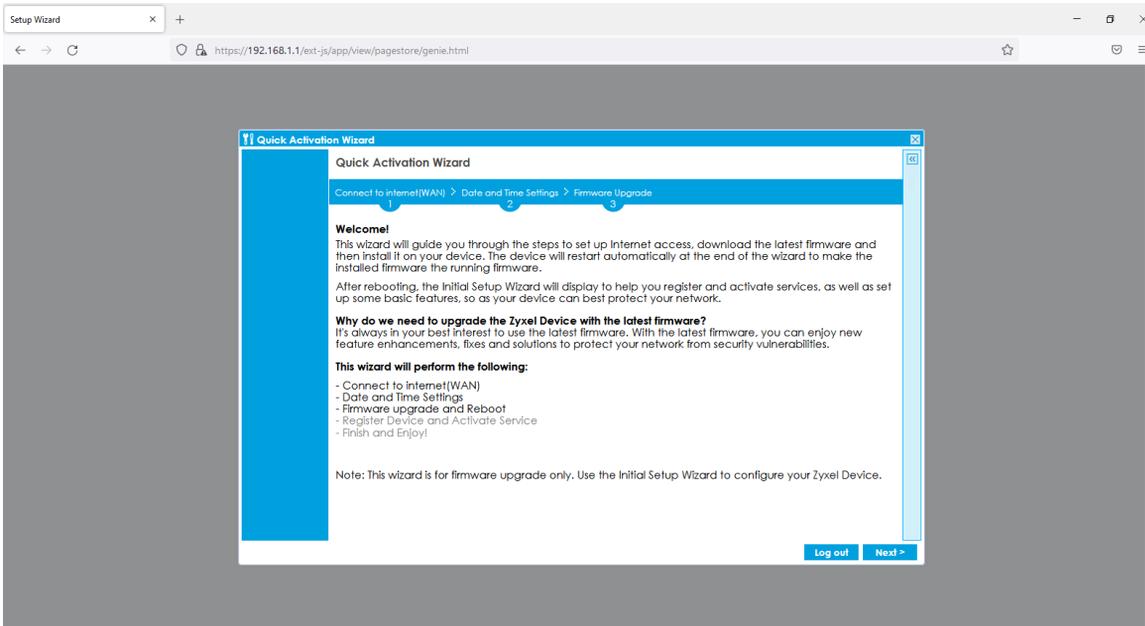
2.2 Set up a new password.



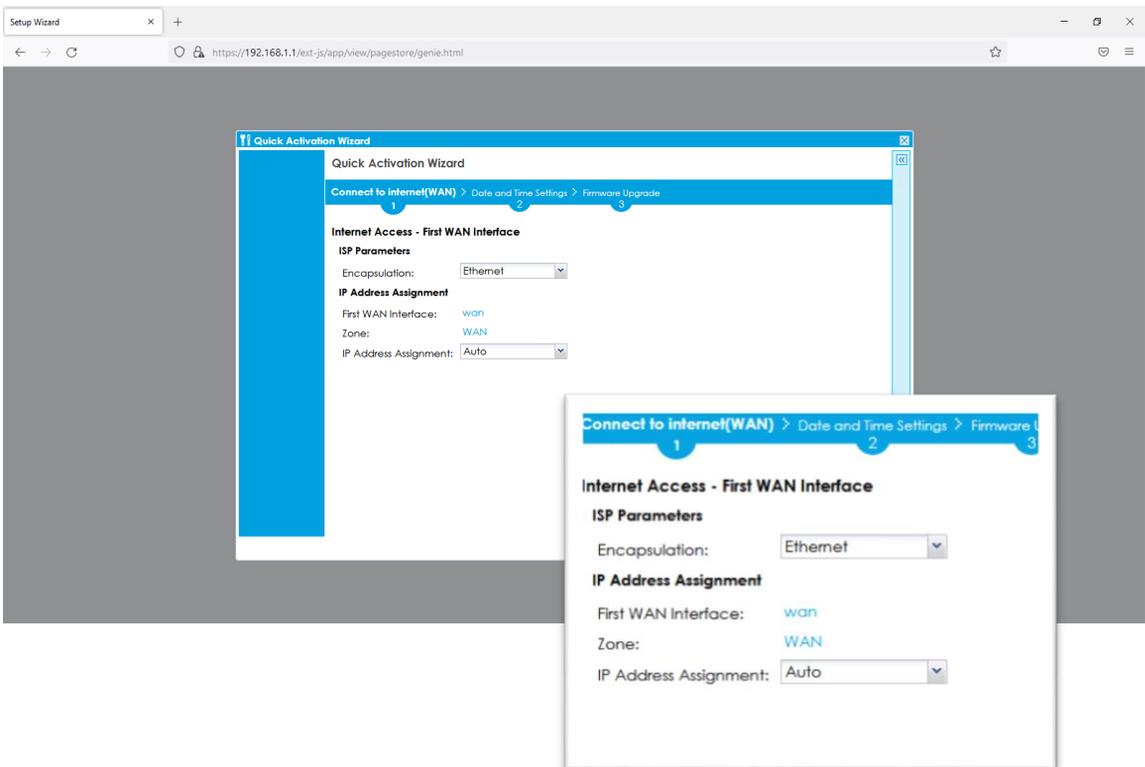
2.3 Use the new password to login.



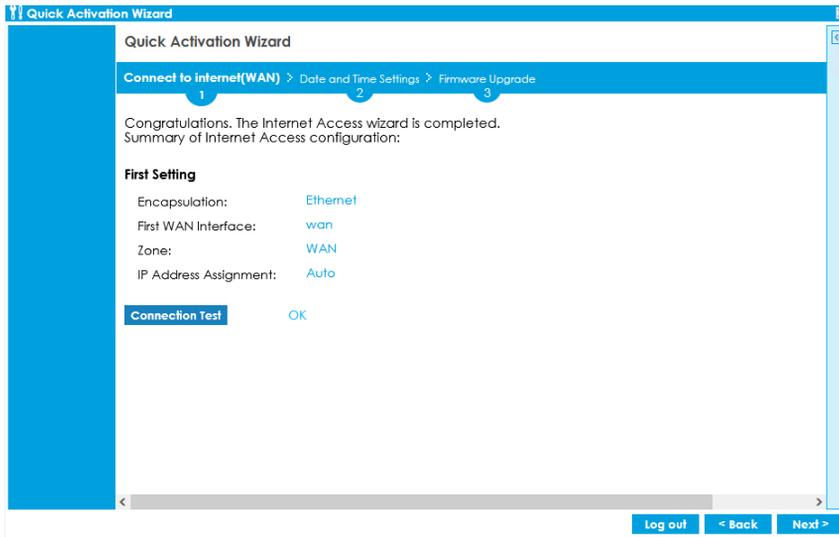
2.4. Start initial wizard and click **Next>**



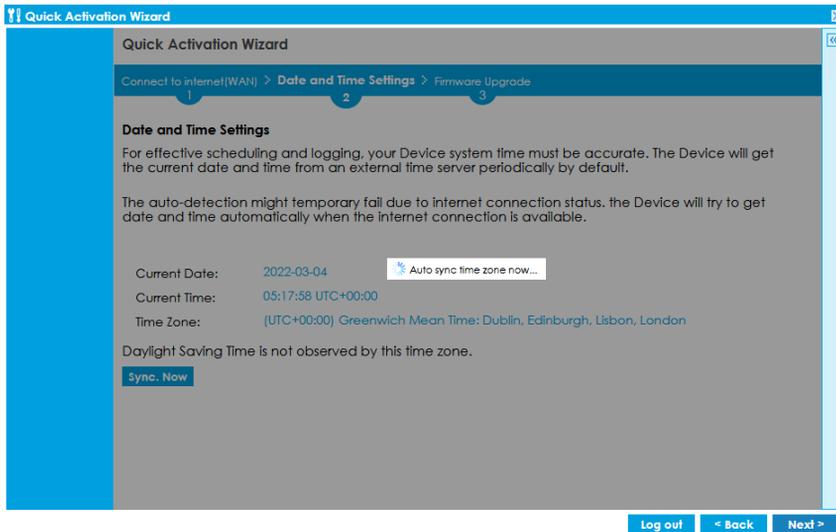
2.5 Connect to Internet(WAN): Select “Ethernet” and choose “Auto”(DHCP) as WAN type. If you are using PPPoE, please select PPPoE.



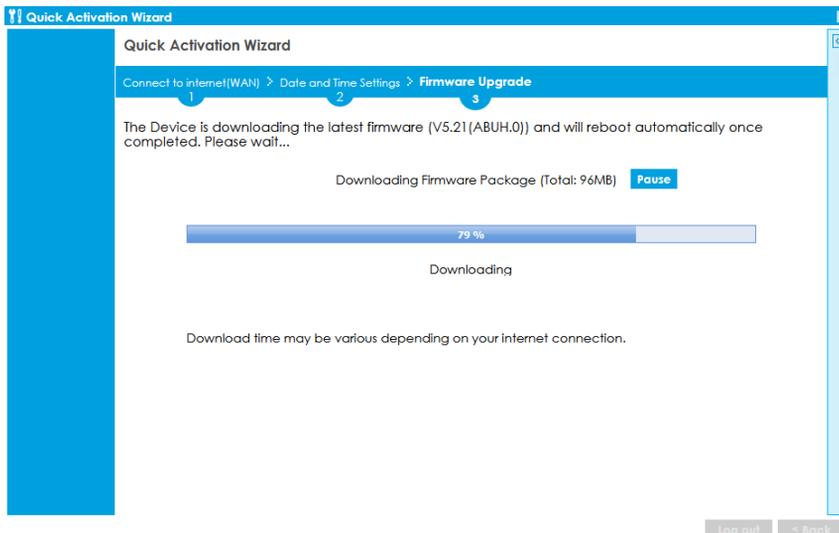
2.6 Check the **Connection Test** showing “OK” then press Next.



2.7 Data and Time Settings- Click **Sync. Now** then press Next.

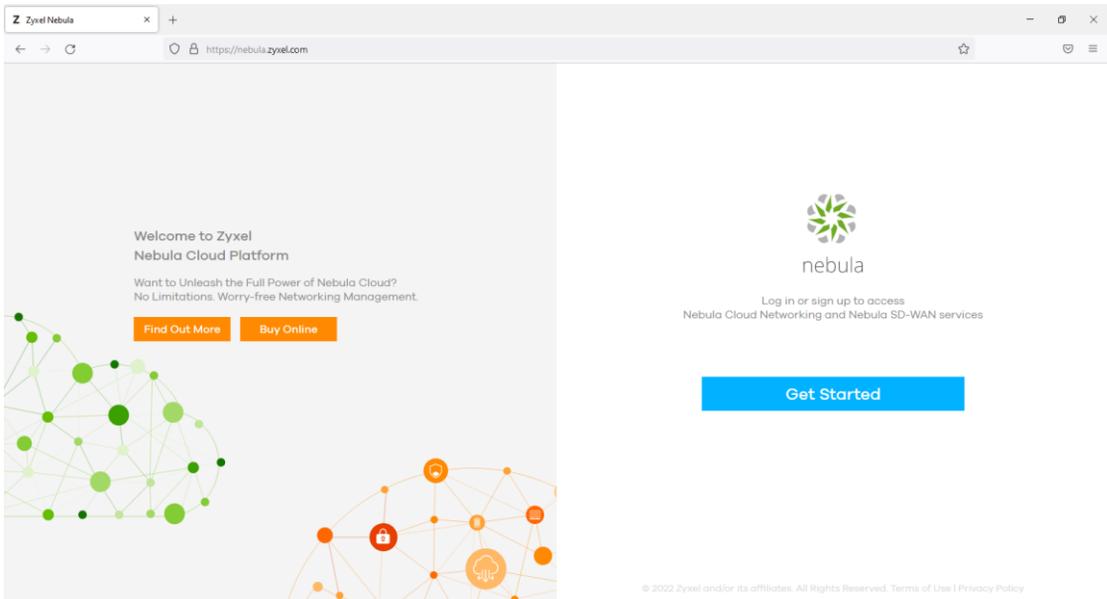


2.8 Firmware Upgrade- A new firmware will upgrade automatically.



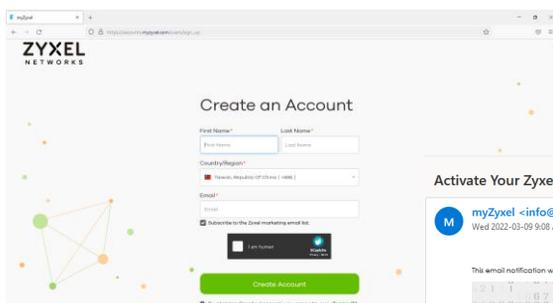
3 Onboard on Nebula Cloud

3.1 Go to Nebula Control Center page. (<https://nebula.zyxel.com>) and click **Get Started**.

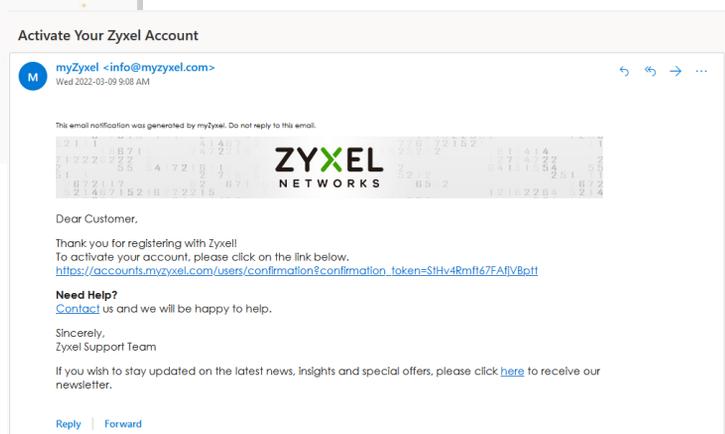


Create a Zyxel account. If you already have Zyxel account, please skip to step 3.5.

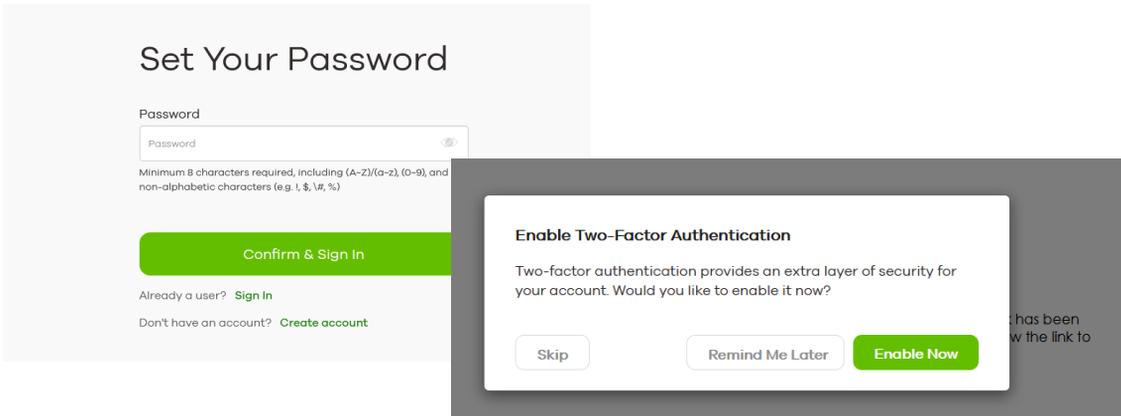
3.2 Create a Zyxel account.



3.3 Check your email with a confirmation link and open the link.

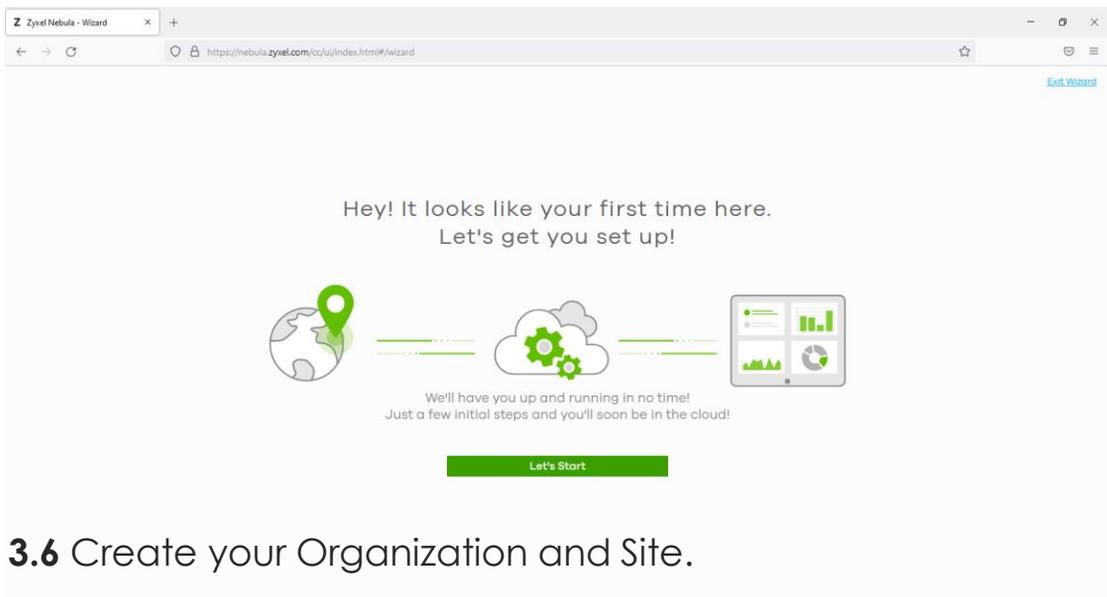


3.4 Set your password and 2FA.

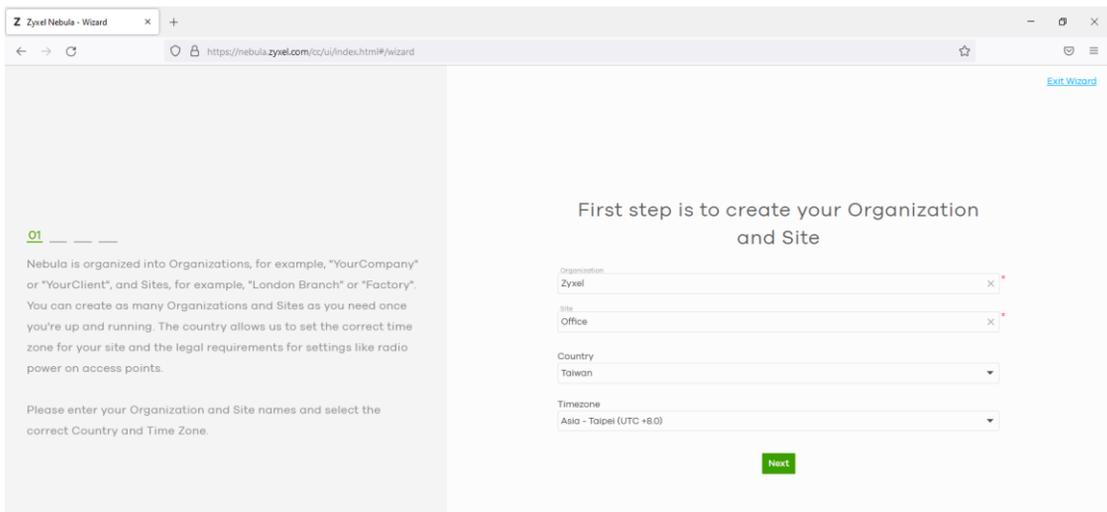


If you would not like to enable 2FA, please click Skip.

3.5 Click **Let's Start** to setup Nebula initial wizard.

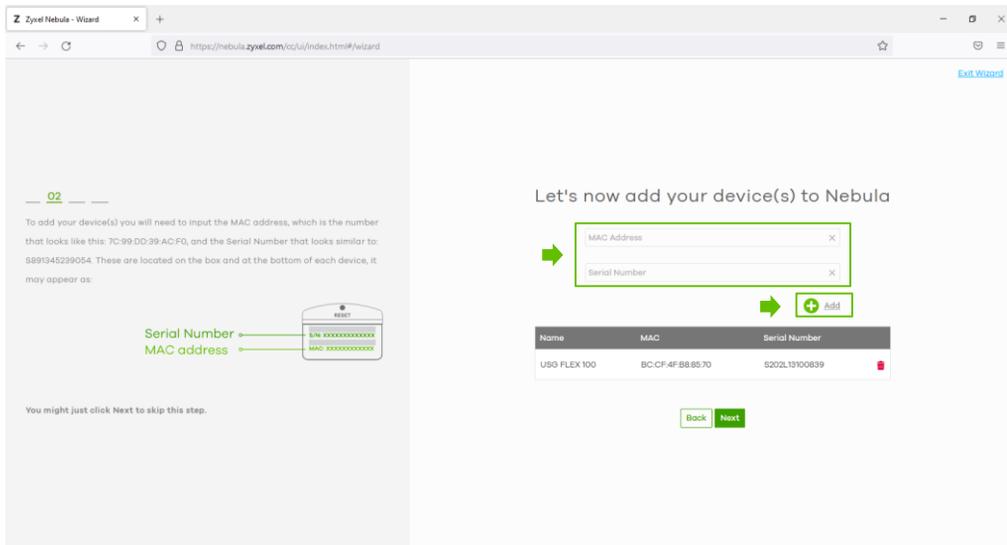


3.6 Create your Organization and Site.



3.7 Don't Skip this step! Add your device's **MAC address** and **Serial Number** and click **+ Add**, then click **Next**.

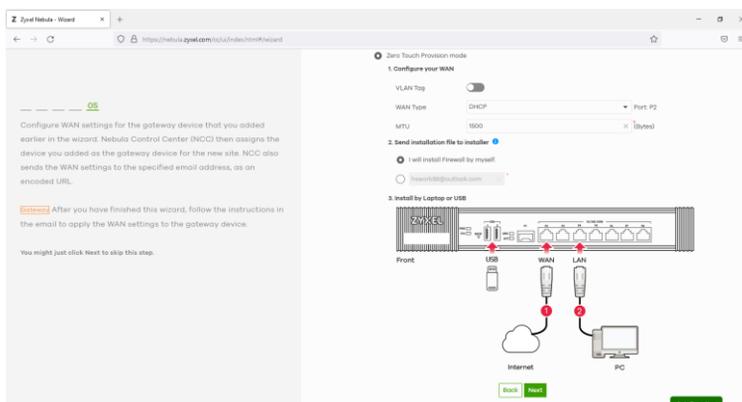
(MAC address can be found on the sticker. When entering the MAC address, the colons will automatically be added in.)



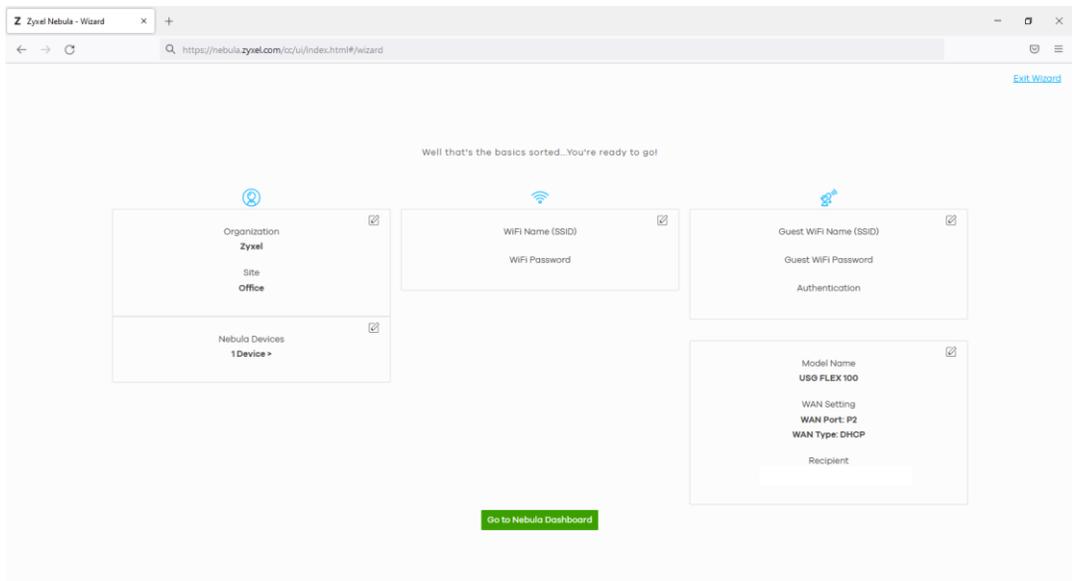
3.8 Click “**Skip WiFi Settings**”.



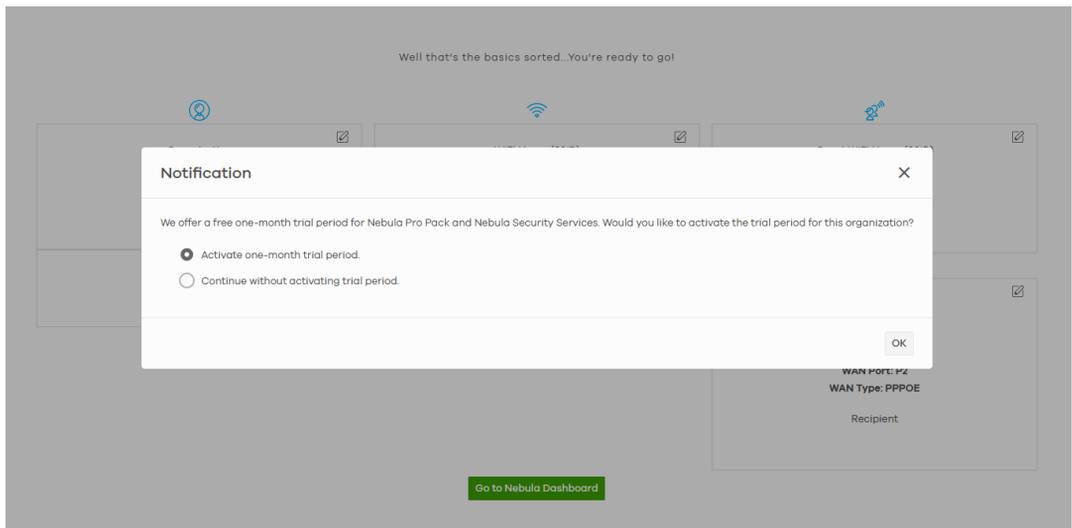
3.9 Select DHCP as WAN type and click **Next**. (If you're WAN type is PPPoE, please select PPPoE). The system will send you an installation email.



3.10 Click **Go to Nebula dashboard**

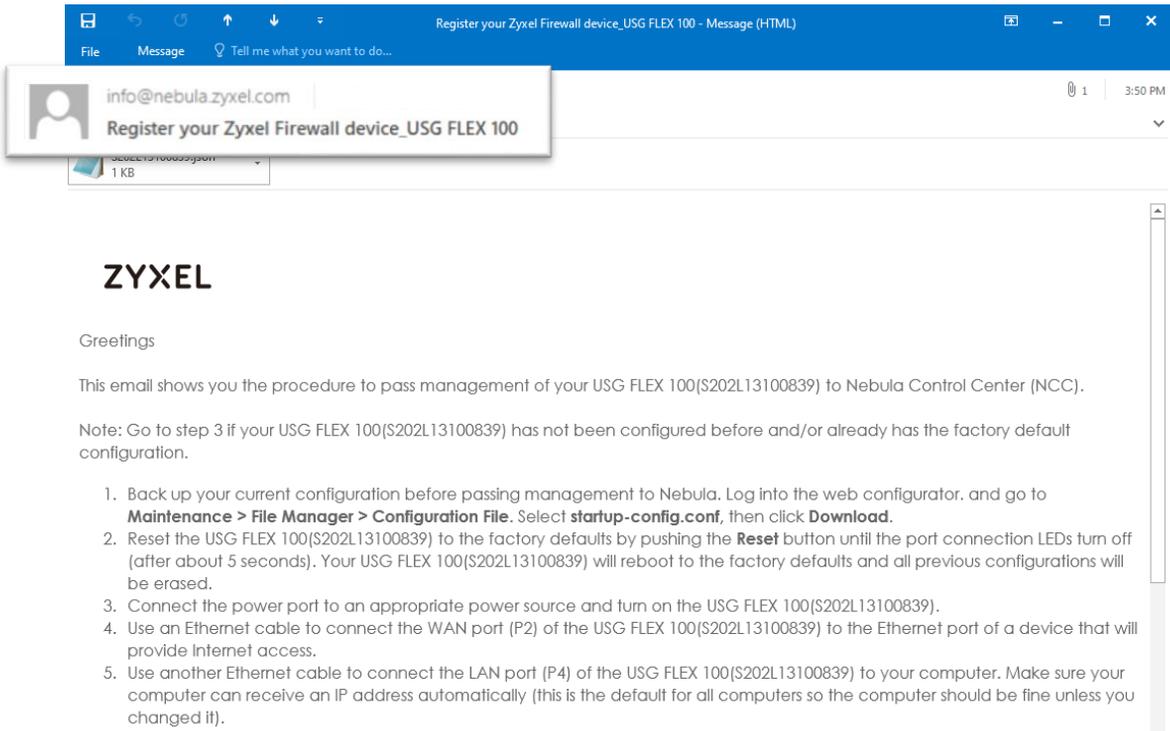


3.11 Select **“Activate one-month trial period”** and click **OK**.

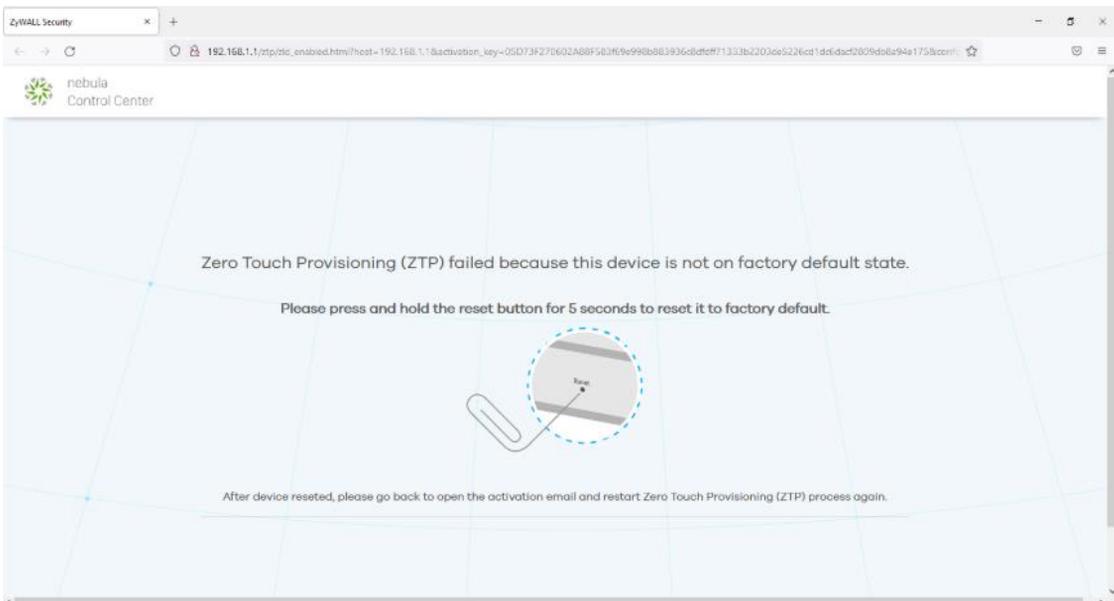


IMPORTANT

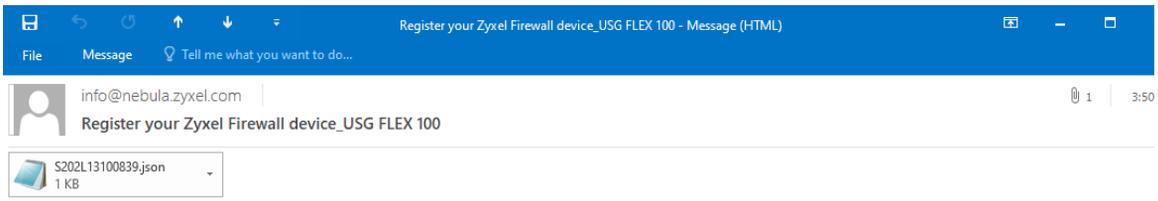
3.12 Go to your inbox and check for a mail subject with “**Register your Zyxel Firewall device_device model**”.



3.13 Press the **reset button for five seconds** on the device.



3.14 Click “[Allow Nebula to Manage My Device](#)”



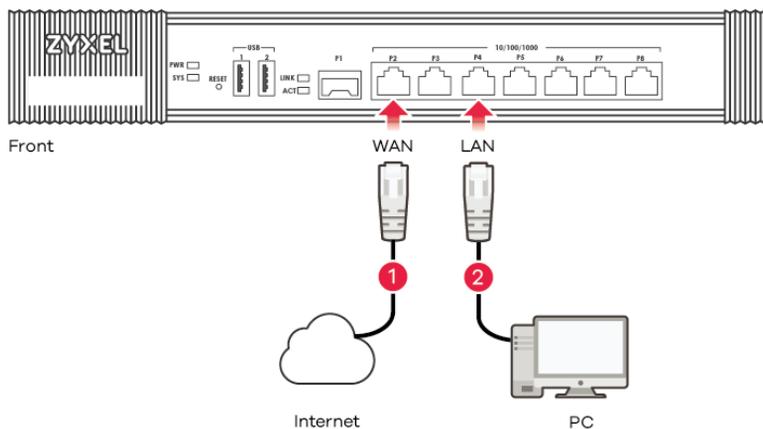
ZYXEL

Greetings

This email shows you the procedure to pass management of your USG FLEX 100(S202L13100839) to Nebula Control Center (NCC).

Note: Go to step 3 if your USG FLEX 100(S202L13100839) has not been configured before and/or already has the factory default configuration.

1. Back up your current configuration before passing management to Nebula. Log into the web configurator, and go to **Maintenance > File Manager > Configuration File**. Select **startup-config.conf**, then click **Download**.
2. Reset the USG FLEX 100(S202L13100839) to the factory defaults by pushing the **Reset** button until the port connection LEDs turn off (after about 5 seconds). Your USG FLEX 100(S202L13100839) will reboot to the factory defaults and all previous configurations will be erased.
3. Connect the power port to an appropriate power source and turn on the USG FLEX 100(S202L13100839).
4. Use an Ethernet cable to connect the WAN port (P2) of the USG FLEX 100(S202L13100839) to the Ethernet port of a device that will provide Internet access.
5. Use another Ethernet cable to connect the LAN port (P4) of the USG FLEX 100(S202L13100839) to your computer. Make sure your computer can receive an IP address automatically (this is the default for all computers so the computer should be fine unless you changed it).



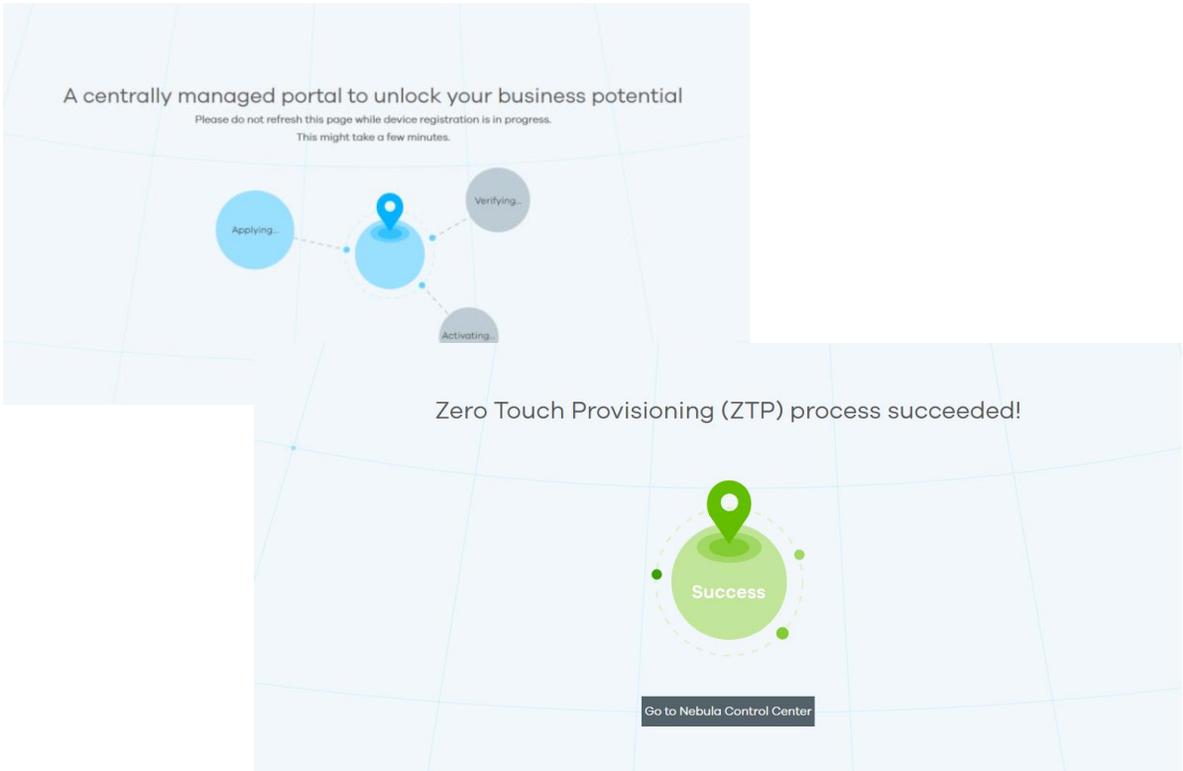
6. Wait for the **SYS** LED to turn solid green, click [Allow Nebula to Manage My Device](#) to your web browser. You will see a screen saying that Nebula registration is in progress.
7. When you see a screen saying Nebula registration has succeeded, management of your USG FLEX 100(S202L13100839) has passed to Nebula Control Center (NCC).
8. Go to [Nebula Control Center](#) get started monitoring and configuring your security appliance.

Alternative Procedure Using USB

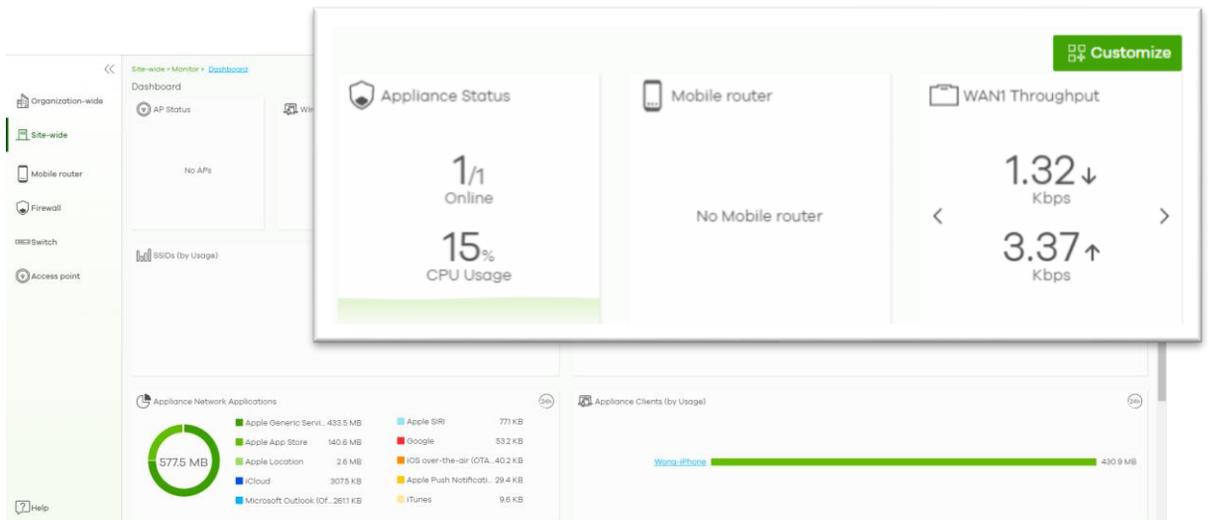
Try this alternative with a USB disk drive if you prefer not to use a computer connection to the USG FLEX 100(S202L13100839).

1. See the previous note and follow steps 1 to 3 as before.
2. Use an Ethernet cable to connect the WAN port (P2) of the USG FLEX 100(S202L13100839) to the Ethernet port of a device that will provide Internet access.
3. Connect the USB disk drive to your computer and save the attached JSON file in this email to the root folder of the USB drive.
4. Wait for the **SYS** LED to turn solid green. Then connect the USB drive to the USG FLEX 100(S202L13100839).
5. The Nebula administrator should now check if the USG FLEX 100(S202L13100839) is online indicating Nebula registration has

3.15 Conduct ZTP process.



3.16 Log in NCC and check the online appliance status.



Congratulations on finishing your firewall setup on Nebula! Enjoy advanced protection with easy management!