Getting Started

https://campus.barracuda.com/doc/53248396/

If you are deploying a Barracuda NextGen Control Center with the CC Wizard, see Getting Started - Control Center.

When deploying a Barracuda NextGen Firewall F-Series, basic settings must be made before the system can be used in production. There are some differences, depending on the deployment option you choose (hardware, virtual, or public cloud). In addition, stand-alone hardware models up to the F400 running a fresh 7.1.0 installation use the web interface as the default management interface. This can be changed during the setup process.

Before You Begin

Make sure you completed the steps listed in the deployment articles, depending on which platform you are deploying the F-Series Firewall on:

- **Hardware** – Complete Hardware deployment and the included Quick Start Guide. The Quick Start Guide is included in the box with every firewall. Your PC must be connected to the management port of the NextGen Firewall F-Series and use an IP address in the 192.168.200.0/24 range. Do not use 192.168.200.200. This IP address is the default management IP address of the Barracuda NextGen Firewall F-Series.
- **Virtual (Vx)** – Complete the deployment steps in Virtual Systems (Vx) for your hypervisor.
- **Public Cloud** – Complete the steps in Public Cloud for your public cloud provider.

Step 1. Prepare the Client

To connect to the F-Series Firewall, you must use the Barracuda NextGen Admin application. The application is a stand-alone, portable executable. Always use the latest version of NextGen Admin. You can download the version from the Barracuda Customer Portal.

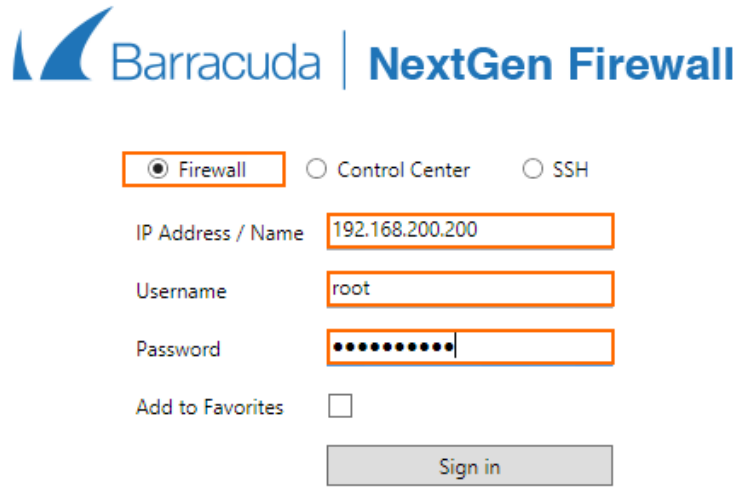
For more information on the system requirements, and NextGen Admin, see Barracuda NextGen Admin.

Step 2. Log into the Barracuda NextGen Firewall F-Series

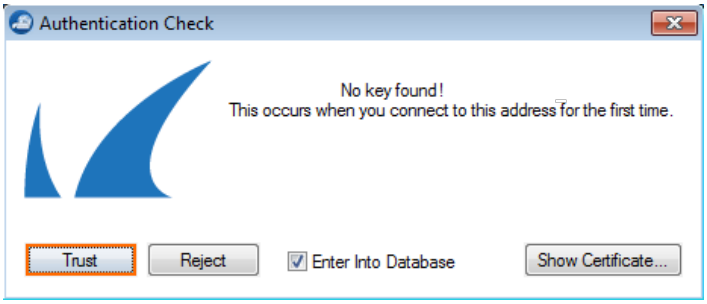
Connect to your firewall using NextGen Admin:

1. Launch the NextGen Admin application.
2. Select **Firewall** in the **Log in** window.
3. Enter **Management IP**, **Username**, and **Password**:

	Management IP Address	Username	Default Password
Hardware	192.168.200.200	root	ngf1r3wall
Virtual (Vx)	Set during deployment	root	ngf1r3wall
Public Cloud - Amazon AWS	Elastic IP pointing to the Barracuda NextGen Firewall F-Series instance	root	Instance ID of your Barracuda NextGen Firewall F-Series instance E.g., **i-0aaaa123**
Public Cloud - Microsoft Azure	***<your cloud service>*.cloudapp.net** or Virtual IP (VIP) for the cloud service	root	◦ Set during deployment ◦ If not set during deployment: ngf1r3wall
Public Cloud - Google Cloud	Static external IP address assigned to the firewall instance	root	Name of the instance



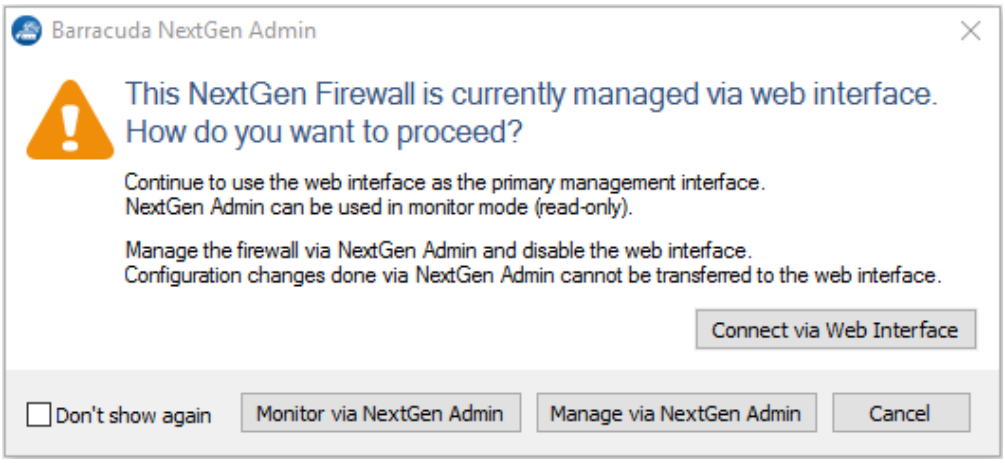
4. Click **Sign In**. The **Authentication Check** window opens.
5. Click **Trust**.



Step 3. (F18 - F400 only) Select the Management Interface

Barracuda NextGen Firewall hardware models up to the F400 re-imaged with 7.1.0 use the web interface as the default management interface by default. On first login, select the default management interface:

- **Manage by web interface** – Click **Connect via Web Interface** if you want to manage your firewall via the web interface (https://192.168.200.200). Log in with the default username (`root`) and password (`ngf1r3wall`).
- **Manage via NextGen Admin** – Click **Manage via NextGen Admin** to disable the web interface and use NextGen Admin to manage your firewall configuration.



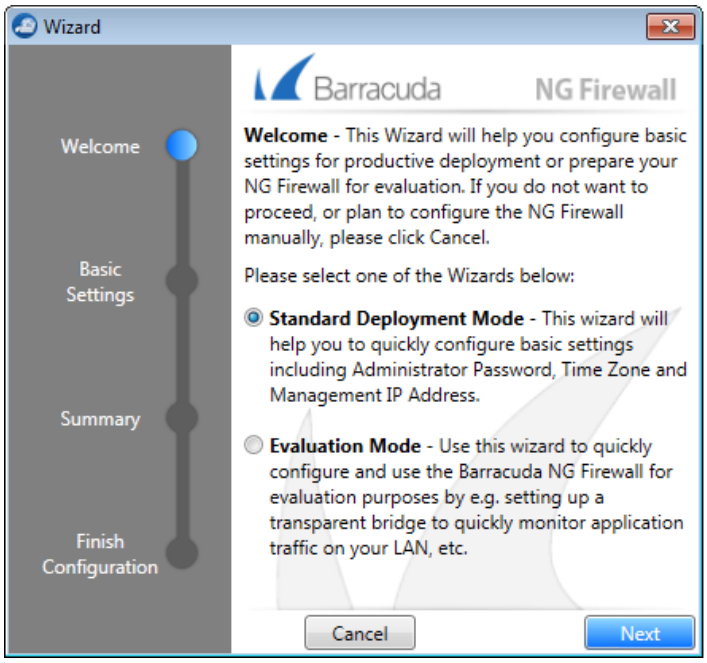
Switching between the web interface and NextGen Admin for managing your firewall configuration is possible, but transferring the firewall configuration from NextGen Admin to the web interface is not. The firewall configuration stored internally on the firewall is restored, and the configuration changes done by NextGen Admin are overwritten when switching from NextGen Admin to the web interface. If the web interface has never been disabled, enabling the web interface resets the firewall configuration to the factory defaults.
For more information, see Web Interface, How to Switch from the Web Interface to NextGen Admin and How to Switch from NextGen Admin to the Web Interface.

Step 4. Configure Basic Settings

The box wizard can only be used on hardware units. If you are deploying a virtual F-Series Firewall, you must configure the time zone and change the password manually.

Step 4.1 Complete the Wizard for the Barracuda NextGen Firewall F-Series

If you are using a hardware appliance, the wizard helps you configure basic settings during deployment. Follow the instructions for the **Standard Deployment Mode**. Skip this step if you are connected to an F-Series in the public cloud because these settings were already configured during deployment.



Step 4.2 Configure the Time Zone and Change the Root Password for the Virtual Barracuda NextGen Firewall F-Series

When using a virtual F-Series Firewall, complete the following tasks:

Task	Link
Password change	How to Change the Root Password and Management ACL
Set the time zone	Step 1 in How to Configure Time Server (NTP) Settings
(optional) Change the management IP address	How to Change the Management IP Address

Step 5. Configure an Internet Connection

If you are deploying an F-Series Firewall that must connect to the Internet via ISP, configure the Internet connection. Skip this step if your firewall can already access the Internet via the management interface. The F-Series F10 to F30x already have a preconfigured DHCP interface on port 4.

Complete the configuration for your type of Internet connection:

Internet connection type	Link
Static IP address	How to Configure an ISP with Static IP Addresses
DHCP	How to Configure an ISP with Dynamic IP Addresses (DHCP)
xDSL (PPP, PPPoE and PPTP)	xDSL WAN Connections
Wireless WAN	How to Configure an ISP using a WWAN Modem
ISDN	How to Configure an ISP with ISDN

Step 6. Activate and License Your Barracuda NextGen Firewall F-Series

For the firewall to get licensed, the NextGen Admin application must be able to connect to the Internet directly or via proxy. For hardware appliances, you only need to activate the unit; licenses are automatically downloaded and installed afterwards. For virtual and public cloud systems, you must enter a license token before activating your unit. If you are licensing an F-Series Firewall that is to be used in a high availability cluster, activate the secondary unit first. For more information, see How to Activate and License a Standalone High Availability Cluster.

	License Installation	Link
Hardware	1. Fill out the activation form. 2. Licenses are downloaded and installed automatically. 3. For Barracuda NextGen Firewall F-Series F10 - F30X, preconfigured services must be enabled manually.	How to Activate and License a Stand-alone Hardware NextGen F-Series or Control Center Appliance
Virtual (Vx) + Public Cloud	1. Enter the license token. 2. Fill out the activation form. 3. Licenses are downloaded and installed automatically.	How to Activate and License a Stand-alone Virtual or Public Cloud F-Series Firewall or Control Center

Step 7. Configure Administrative Settings

Configure the firewall to use your preferred DNS and NTP servers. To receive email notifications from selected services, you must configure a recipient email address.

	Link
DNS Servers	How to Configure DNS Settings
NTP Servers	Step 2 in How to Configure Time Server (NTP) Settings

System Email Notification Address	How to Configure System Email Notifications

Next Steps

If you are deploying a NextGen Control Center, continue with Getting Started - Control Center without CC Setup Wizard.

Continue with the steps below to set up the system according to your needs.

	Link
Configure **VLANs** and **Routing**; add **additional network interfaces**.	Network
Create and configure the **Virtual Server**.	• Virtual Servers and Services • How to Configure Virtual Servers
Create and configure **Services** (e.g., Forwarding Firewall, VPN,...).	• NextGen F-Series Services • How to Configure Services
Configure external authentication servers.	Authentication
Configure administrator accounts.	Managing Access for Administrators
Create a high availability cluster.	High Availability

Figures

1. getting_started_01.png
2. getting_started_02.png
3. web_if_popup.png
4. getting_started_03.png