

Remote Administration Overview

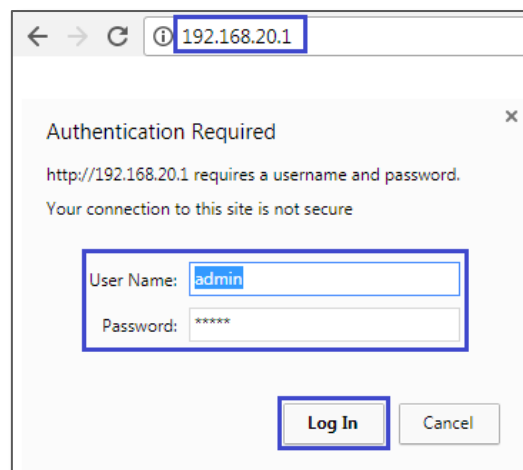
Remote administration allows you to access the NF18ACV web User Interface from a remote computer connected to the internet.

This can also be used to enable your ISP (Internet Service Provider) to check your settings if you experience connection issues.

Before enabling remote access to your NF18ACV, we recommend changing the username and password required to login. Please refer to the **Change Administration Password Guide** document for assistance with this. You can also limit access to a specific IP or subnet. This will prevent unauthorized access to your NF18ACV.

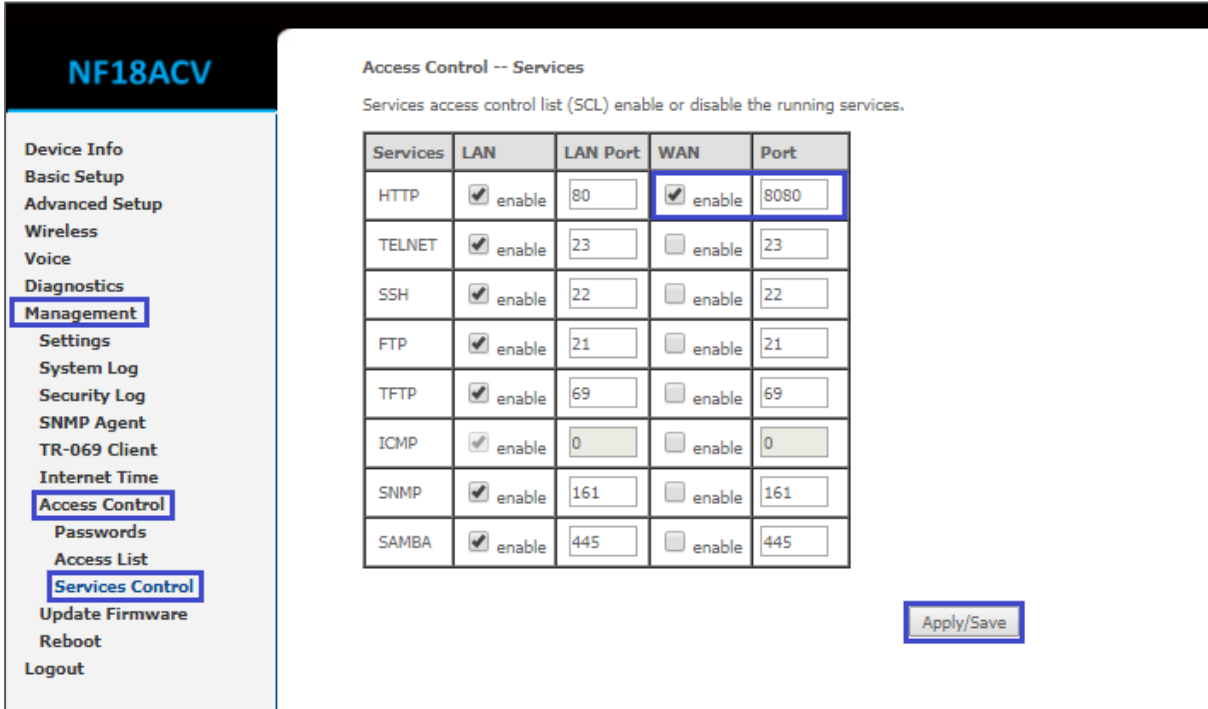
Enabling Remote Administration

- 1 Open a web browser (such as Internet Explorer, Google Chrome or Firefox), type <http://192.168.20.1> into the address bar and press **Enter**.
- 2 At the login screen, type **admin** into both the **User Name** and the **Password** fields and click **OK** or **Log In**.



- 3 From the **Management** menu on the left, then select **Access Control** and then **Services Control** from the sub menu.

- 4 The **Access Control -- Services** page will open:



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Access Control -- Services

Services access control list (SCL) enable or disable the running services.

Services	LAN	LAN Port	WAN	Port
HTTP	<input checked="" type="checkbox"/> enable	80	<input checked="" type="checkbox"/> enable	8080
TELNET	<input checked="" type="checkbox"/> enable	23	<input type="checkbox"/> enable	23
SSH	<input checked="" type="checkbox"/> enable	22	<input type="checkbox"/> enable	22
FTP	<input checked="" type="checkbox"/> enable	21	<input type="checkbox"/> enable	21
TFTP	<input checked="" type="checkbox"/> enable	69	<input type="checkbox"/> enable	69
ICMP	<input checked="" type="checkbox"/> enable	0	<input type="checkbox"/> enable	0
SNMP	<input checked="" type="checkbox"/> enable	161	<input type="checkbox"/> enable	161
SAMBA	<input checked="" type="checkbox"/> enable	445	<input type="checkbox"/> enable	445

Apply/Save

- 5 Tick the **enable** checkbox of the **WAN** option for the **HTTP Service**.
- 6 This is highly recommended to change the **Port** to something other than **80**. This is just a safety measure and part of best practices.
- 7 Click the **Apply/Save** button.

You should now be able to access your NF18ACV via the address:

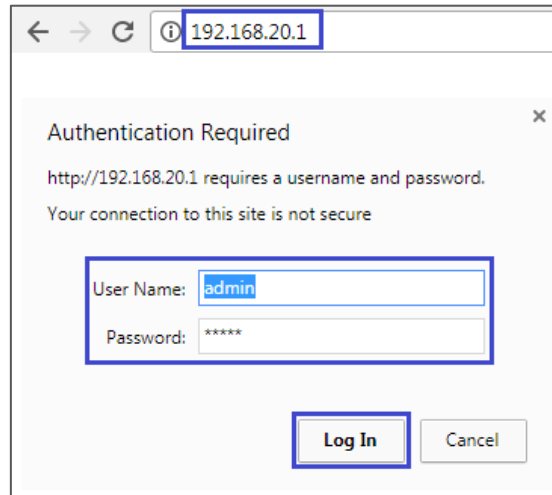
`http://<your external IP address>:<port number>`

You can find your external (public) IP address by going to www.ipmonkey.com or by clicking on **WAN** option under **Device Info**.

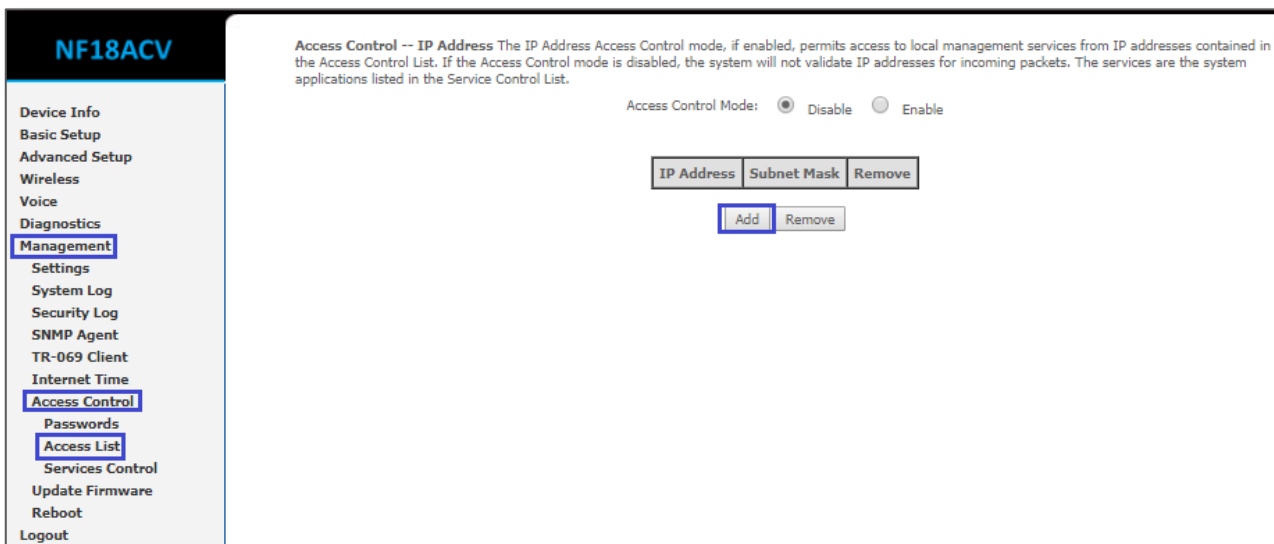
Restricting Remote Administration to a Particular IP Address(es)

Apart from changing default admin password and web port, you may secure your NF18ACV by configuring which IP address or addresses can remotely access. You can configure either a single IP address or a block of addresses to be allowed access.

- 1 Open a web browser (such as Internet Explorer, Google Chrome or Firefox), type <http://192.168.20.1> into the address bar and press **Enter**.
- 2 At the login screen, type **admin** into both the **User Name** and the **Password** fields and click **OK** or **Log In**.



- 3 From the **Management** menu on the left, then select **Access Control** and then **Access List** from the sub menu.
- 4 The **Access Control – IP Address** page will open: Then click on **Add** at the right-hand side of the screen.



- 5 The **Add IP Addresses** page opens, in the **IP Address/Mask** text box enter the IP address (block) of the location that you want to allow access to your NF18ACV from.



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Add IP Addresses

Enter the IP address of the management station permitted to access the local management services, and click "Apply/Save".

IP Address/Mask:

Device Info
Basic Setup
Advanced Setup
Wireless

This should be a public IP address which you should know beforehand.

This might be an IP address provided by your ISP support team, NetComm support team or a friend who is willing to help you configure something remotely.

- 6 Once configured the **IP Address** will be entered into the list:



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Access Control -- IP Address The IP Address Access Control mode, if enabled, permits access to local management services from IP addresses contained in the Access Control List. If the Access Control mode is disabled, the system will not validate IP addresses for incoming packets. The services are the system applications listed in the Service Control List.

Access Control Mode: Disable Enable

IP Address	Subnet Mask	Remove
121.232.111.222	255.255.255.240	<input type="checkbox"/>

Device Info
Basic Setup
Advanced Setup
Wireless
Voice
Diagnostics
Management
Settings

- 7 Now click on the **Enable** radio button to enable the access control. Once clicked the settings will be applied automatically, you do not need to press any other button to enable it.

Now only that IP address (block) can access your NF18ACV's web interface.

However, you always can configure through web interface from local LAN.