



Unstacking Switches

How to remove stacking configuration for standalone mode.

M4300 How to Unstack

This guide will go over how to unstack your M4300 switches.

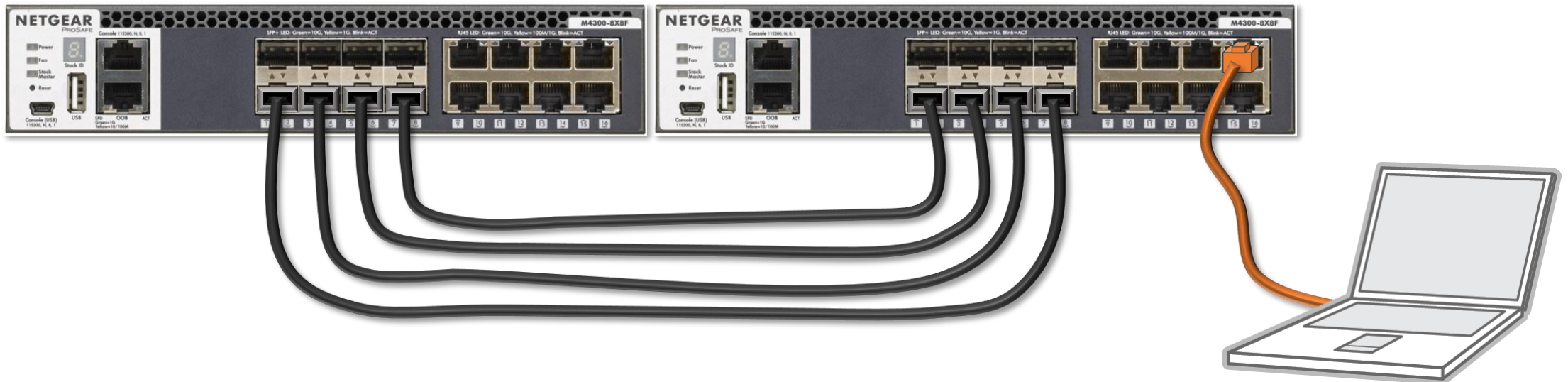
When you clear the configuration or select the factory default option on a stack, the stack configuration is not affected, this is due to the stacking configuration being saved independently from the switch's configuration.

For example: this allows us to clear our VLAN configuration without having to restack the switches every time you need to reconfigure.

You manually need to reconfigure the stack ports and change the unit ID.

For this example, we are going to be unstacking two M4300-8X8F.

We will renumber and configure the ports that were used for stacking back to ethernet and then power down the switches and boot them back into standalone mode.



NETGEAR®

Login Name

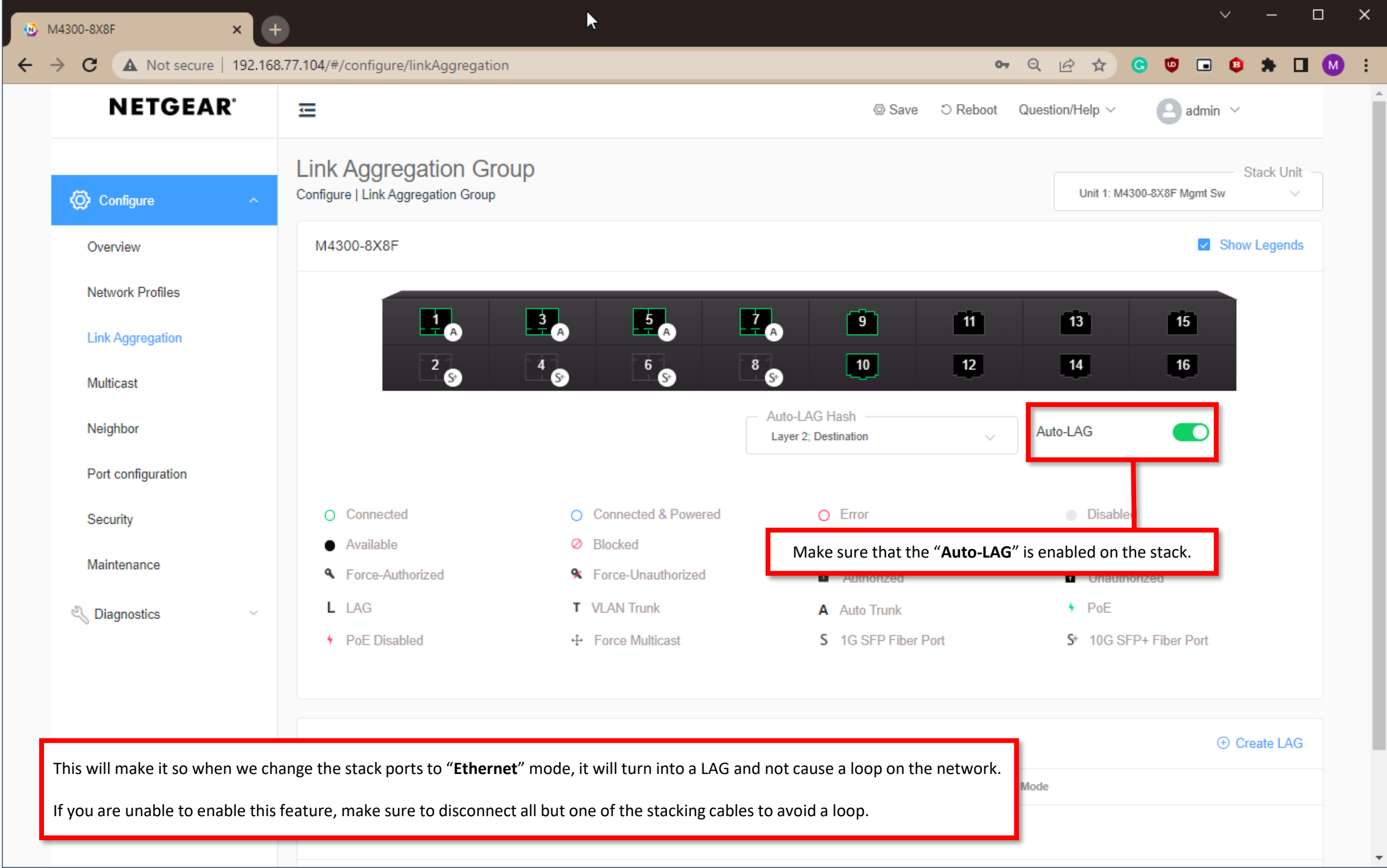
Password

AV UI Login

Main UI allows for advanced network configuration setup with additional network switching features.

Main UI Login

Login using the "AV UI Login."



This will make it so when we change the stack ports to "Ethernet" mode, it will turn into a LAG and not cause a loop on the network. If you are unable to enable this feature, make sure to disconnect all but one of the stacking cables to avoid a loop.

NETGEAR®

Login Name

Password

AV UI Login

Main UI allows for advanced network configuration setup with additional network switching features.

Main UI Login

Logout and login using the "Main UI Login."

Go to "Stacking" -> "Advanced" -> "Stack-port Configuration."

Stacking

- Basic
- Advanced**
- Stack Configuration
- Stack Status
- Stack-port Configuration**
- Stack-port Diagnostics
- Stack Firmware Synchronization
- NSF

Stack-port Configuration

1 2 All

<input type="checkbox"/>	Unit ID	Port	Type	Product name	Configured Stack Mode	Running Stack Mode	Link Status	Link Speed (Gbps)	Transmit Data Rate (Mbps)	Transmit Error Rate (Errors/s)	Total Transmit Errors
<input type="checkbox"/>					<input type="text" value=""/>						
<input type="checkbox"/>	1	0/1	SFP+	AXC761	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/2	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/3	SFP+	AXC763	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/4	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/5	SFP+	AXC763	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/6	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/7	SFP+	AXC761	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/8	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/9			Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/10			Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/11			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/12			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/13			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/14			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/15			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/16			Ethernet	Ethernet	Down	10	0	0	0

1 2 All

Stack-port Configuration

1 2 All

<input type="checkbox"/>	Unit ID	Port	Type	Product name	Configured Stack Mode	Running Stack Mode	Link Status	Link Speed (Gbps)	Transmit Data Rate (Mbps)	Transmit Error Rate (Errors/s)	Total Transmit Errors
<input type="checkbox"/>	1	0/1	SFP+	AXC761	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/2	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/3	SFP+	AXC763	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/4	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/5	SFP+	AXC763	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/6	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/7	SFP+	AXC761	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/8	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/9			Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/10			Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/11			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/12			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/13			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/14			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/15			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/16			Ethernet	Ethernet	Down	10	0	0	0

1 All

Click on "All" to view the ports for all the switches in the stack.



M4300-8X8F ProSAFE 8-port 10GBASE-T and 8-port 10G SFP+

Welcome admin

- System
- Switching
- Routing
- QoS
- Security
- Monitoring
- Maintenance
- Help
- Index
- Management
- Device View
- Services
- Stacking
- SNMP
- LLDP
- Link Dependency
- ISDP
- Timer Schedule

Refresh Cancel Apply

- Stacking
 - Basic
 - Advanced
 - Stack Configuration
 - Stack Status
 - Stack-port Configuration**
 - Stack-port Diagnostics
 - Stack Firmware Synchronization
 - NSF

Stack-port Configuration

1 2 All

<input type="checkbox"/>	Unit ID	Port	Type	Product name	Configured Stack Mode	Running Stack Mode	Link Status	Link Speed (Gbps)	Transmit Data Rate (Mbps)	Transmit Error Rate (Errors/s)	Total Transmit Errors
<input type="checkbox"/>	1	0/1	SFP+	AXC761	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/2	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/3	SFP+	AXC763	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/4	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/5	SFP+	AXC763	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/6	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/7	SFP+	AXC761	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/8	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/9			Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/10			Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/11			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/12			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/13			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/14			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/15			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/16			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	2	0/1			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	2	0/2	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/3			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	2	0/4	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/5			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	2	0/6	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/7			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	2	0/8	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/9			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	2	0/10			Ethernet	Ethernet	Down	10	0	0	0

Select all the ports on both switches that are configured for stacking.

1 2 All

<input type="checkbox"/>	Unit ID	Port	Type	Product name	Configured Stack Mode	Running Stack Mode	Link Status	Link Speed (Gbps)	Transmit Data Rate (Mbps)	Transmit Error Rate (Errors/s)	Total Transmit Errors
<input type="checkbox"/>	1	0/1	SFP+	AXC761	Ethernet	Ethernet	Up	10	0	0	0
<input checked="" type="checkbox"/>	1	0/2	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/3	SFP+	AXC763	Ethernet	Ethernet	Up	10	0	0	0
<input checked="" type="checkbox"/>	1	0/4	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/5	SFP+	AXC763	Ethernet	Ethernet	Up	10	0	0	0
<input checked="" type="checkbox"/>	1	0/6	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/7	SFP+	AXC761	Ethernet	Ethernet	Up	10	0	0	0
<input checked="" type="checkbox"/>	1	0/8	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/9			Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/10			Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/11			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/12			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/13			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/14			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/15			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/16			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	2	0/1			Ethernet	Ethernet	Down	10	0	0	0
<input checked="" type="checkbox"/>	2	0/2	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/3			Ethernet	Ethernet	Down	10	0	0	0
<input checked="" type="checkbox"/>	2	0/4	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/5			Ethernet	Ethernet	Down	10	0	0	0
<input checked="" type="checkbox"/>	2	0/6	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/7			Ethernet	Ethernet	Down	10	0	0	0
<input checked="" type="checkbox"/>	2	0/8	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/9			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	2	0/10			Ethernet	Ethernet	Down	10	0	0	0

Stacking		Stack-port Configuration										
Stacking		1 2 All										
		Unit ID	Port	Type	Product name	Configured Stack Mode	Running Stack Mode	Link Status	Link Speed (Gbps)	Transmit Data Rate (Mbps)	Transmit Error Rate (Errors/s)	Total Transmit Errors
						Ethernet						
<input type="checkbox"/>	1	0/1	SFP+	AXC761	Stack	Ethernet	Stack	Up	10	0	0	0
<input checked="" type="checkbox"/>	1	0/2	SFP+	AXC761	Ethernet	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/3	SFP+	AXC763	Ethernet	Ethernet	Ethernet	Down	10	0	0	0
<input checked="" type="checkbox"/>	1	0/4	SFP+	AXC761	Stack	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/5	SFP+	AXC763	Ethernet	Ethernet	Ethernet	Up	10	0	0	0
<input checked="" type="checkbox"/>	1	0/6	SFP+	AXC761	Stack	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/7	SFP+	AXC761	Ethernet	Ethernet	Ethernet	Up	10	0	0	0
<input checked="" type="checkbox"/>	1	0/8	SFP+	AXC761	Stack	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/9			Ethernet	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/10			Ethernet	Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/11			Ethernet	Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/12			Ethernet	Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/13			Ethernet	Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/14			Ethernet	Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/15			Ethernet	Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/16			Ethernet	Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	2	0/1			Ethernet	Ethernet	Ethernet	Down	10	0	0	0
<input checked="" type="checkbox"/>	2	0/2	SFP+	AXC761	Stack	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/3			Ethernet	Ethernet	Ethernet	Down	10	0	0	0
<input checked="" type="checkbox"/>	2	0/4	SFP+	AXC761	Stack	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/5			Ethernet	Ethernet	Ethernet	Down	10	0	0	0
<input checked="" type="checkbox"/>	2	0/6	SFP+	AXC761	Stack	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/7			Ethernet	Ethernet	Ethernet	Down	10	0	0	0
<input checked="" type="checkbox"/>	2	0/8	SFP+	AXC761	Stack	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/9			Ethernet	Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	2	0/10			Ethernet	Ethernet	Ethernet	Down	10	0	0	0

Click on the drop-down for "Configured Stack Mode" and select "Ethernet."

Refresh Cancel **Apply**

Click on "Apply."

- Stacking
- Basic
- Advanced
 - Stack Configuration
 - Stack Status
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Stack-port Configuration

1 2 All

<input type="checkbox"/>	Unit ID	Port	Type	Product name	Configured Stack Mode	Running Stack Mode	Link Status	Link Speed (Gbps)	Transmit Data Rate (Mbps)	Transmit Error Rate (Errors/s)	Total Transmit Errors
					Ethernet						
<input type="checkbox"/>	1	0/1	SFP+	AXC761	Ethernet	Ethernet	Up	10	0	0	0
<input checked="" type="checkbox"/>	1	0/2	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/3	SFP+	AXC763	Ethernet	Ethernet	Up	10	0	0	0
<input checked="" type="checkbox"/>	1	0/4	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/5	SFP+	AXC763	Ethernet	Ethernet	Up	10	0	0	0
<input checked="" type="checkbox"/>	1	0/6	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/7	SFP+	AXC761	Ethernet	Ethernet	Up	10	0	0	0
<input checked="" type="checkbox"/>	1	0/8	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	1	0/9			Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/10			Ethernet	Ethernet	Up	10	0	0	0
<input type="checkbox"/>	1	0/11			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/12			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/13			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/14			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/15			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	1	0/16			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	2	0/1			Ethernet	Ethernet	Down	10	0	0	0
<input checked="" type="checkbox"/>	2	0/2	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/3			Ethernet	Ethernet	Down	10	0	0	0
<input checked="" type="checkbox"/>	2	0/4	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/5			Ethernet	Ethernet	Down	10	0	0	0
<input checked="" type="checkbox"/>	2	0/6	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/7			Ethernet	Ethernet	Down	10	0	0	0
<input checked="" type="checkbox"/>	2	0/8	SFP+	AXC761	Stack	Stack	Up	10	0	0	0
<input type="checkbox"/>	2	0/9			Ethernet	Ethernet	Down	10	0	0	0
<input type="checkbox"/>	2	0/10			Ethernet	Ethernet	Down	10	0	0	0

Stacking

Stack-port Configuration

In order for the changes to take effect, we will have to reboot the switches in the stack.

Unit ID	Port	Type	Product name	Configured Stack Mode	Running Stack Mode	Link Status	Link Speed (Gbps)	Transmit Data Rate (Mbps)	Transmit Error Rate (Errors/s)	Total Transmit Errors
<input type="checkbox"/>										
<input type="checkbox"/>	1	0/1	SFP+	AXC761	Ethernet	Ethernet	Up	10	0	0
<input type="checkbox"/>	1	0/2	SFP+	AXC761	Ethernet	Stack	Up	10	0	0
<input type="checkbox"/>	1	0/3	SFP+	AXC763	Ethernet	Ethernet	Up	10	0	0
<input type="checkbox"/>	1	0/4	SFP+	AXC761	Ethernet	Stack	Up	10	0	0
<input type="checkbox"/>	1	0/5	SFP+	AXC763	Ethernet	Ethernet	Up	10	0	0
<input type="checkbox"/>	1	0/6	SFP+	AXC761	Ethernet	Stack	Up	10	0	0
<input type="checkbox"/>	1	0/7	SFP+	AXC761	Ethernet	Ethernet	Up	10	0	0
<input type="checkbox"/>	1	0/8	SFP+	AXC761	Ethernet	Stack	Up	10	0	0
<input type="checkbox"/>	1	0/9			Ethernet	Ethernet	Up	10	0	0
<input type="checkbox"/>	1	0/10			Ethernet	Ethernet	Up	10	0	0
<input type="checkbox"/>	1	0/11			Ethernet	Ethernet	Down	10	0	0
<input type="checkbox"/>	1	0/12			Ethernet	Ethernet	Down	10	0	0
<input type="checkbox"/>	1	0/13			Ethernet	Ethernet	Down	10	0	0
<input type="checkbox"/>	1	0/14			Ethernet	Ethernet	Down	10	0	0
<input type="checkbox"/>	1	0/15			Ethernet	Ethernet	Down	10	0	0
<input type="checkbox"/>	1	0/16			Ethernet	Ethernet	Down	10	0	0
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<input type="checkbox"/>	2	0/5			Ethernet	Ethernet	Down	10	0	0
<input type="checkbox"/>	2	0/6	SFP+	AXC761	Ethernet	Stack	Up	10	0	0
<input type="checkbox"/>	2	0/7			Ethernet	Ethernet	Down	10	0	0
<input type="checkbox"/>	2	0/8	SFP+	AXC761	Ethernet	Stack	Up	10	0	0
<input type="checkbox"/>	2	0/9			Ethernet	Ethernet	Down	10	0	0
<input type="checkbox"/>	2	0/10			Ethernet	Ethernet	Down	10	0	0

Go to "Maintenance" and then "Reset."

Cancel **Apply**

Reset

- Device Reboot

- Factory Default

Device Reboot

Reboot Unit No.

All  Save prior to reboot Don't save prior to reboot

Default setting: All switches in the stack will be rebooted. All configuration will be saved prior to reboot.

Click on "Apply."

Reset

Device Reboot

- Device Reboot

- Factory Default

Reboot Unit No.

All  Save prior to reboot Don't save prior to reboot

Reboot Status

Device is rebooting. Allow some time for the process to complete.

Alert

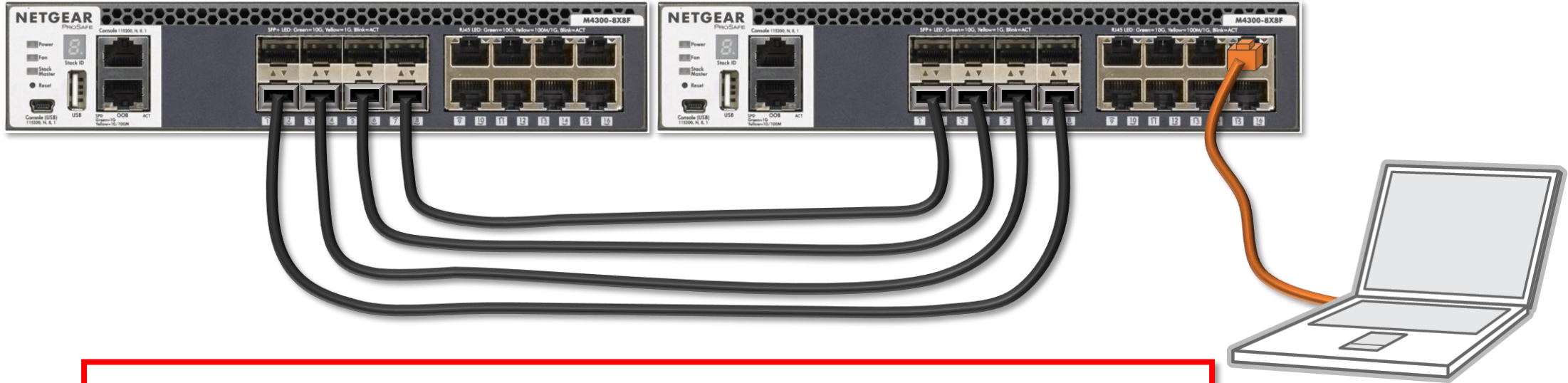
Switch is going to reboot and will take about 135 seconds to reboot. If IP address of the switch is taken from DHCP server or is not changed, you will be redirected to the Login page. Otherwise, you need to check the IP address of the switch and re-login.

OK

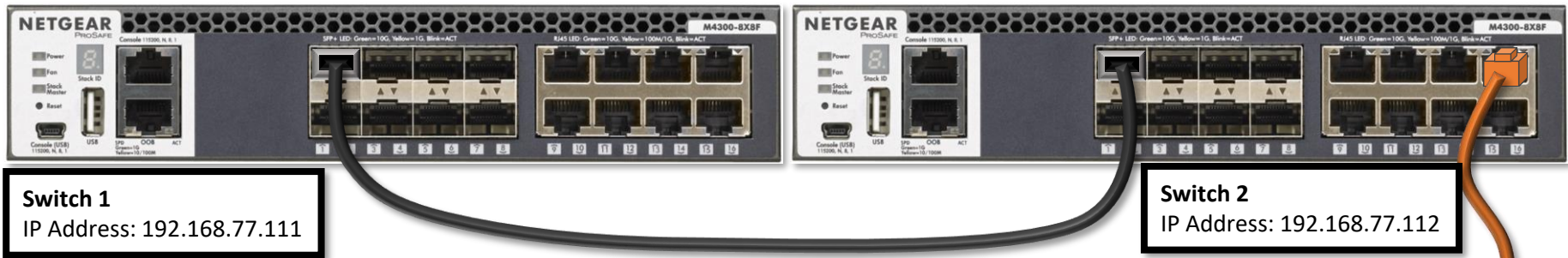
Click on "OK."

Switch 1
IP Address: 192.168.77.111

Switch 2
IP Address: 192.168.77.112



When the switch reboots our 4 ports that we have connected will create a LAG. This requires "Auto-LAG" to be enabled.



Switch 1
IP Address: 192.168.77.111

Switch 2
IP Address: 192.168.77.112

Though Spanning Tree Protocol should disable the loop, it is advised to disconnect all but one of the cables connecting the previously stacked switches in order to avoid any issues.
NOTE: You can then manually create a LAG and reconnect the cables.



Now that the stacking ports have been switched to "Ethernet" mode, each switch will function independently of one another. They will also be showing that they are stacked with one of the stack members missing. We will remove the stack member and change the "Unit ID" for the second switch back to "1."

Login to the "Main UI" of the switch and go to the "Stacking" tab.

System Switching Routing QoS Security Monitoring Maintenance Help Index
Management Device View Services **Stacking** SNMP LLDP Link Dependency ISDP Timer Schedule

Add Delete Refresh Cancel Apply

Stacking

- Basic
- Stack Configuration**
- Advanced
- NSF

Management Unit Selection

Management Unit Selected: 1

Stack Sample Mode

Sample Mode: Cumulative

Max samples: 0

Stack Configuration

<input type="checkbox"/>	Unit ID	Change Switch ID to	Switch Type	Hardware Management Preference	Switch Priority	Management Status	Standby Status	Switch Status
<input type="checkbox"/>	1		M4300-8X8F	Unassigned	15	Management	None	OK
<input type="checkbox"/>	2		M4300-8X8F	Unassigned	Unassigned	Stack Member	None	Not present

Select the switch from the stack that shows as "Not present."

Basic Stack Status

Unit ID	Switch Description	Serial Number	Uptime	Preconfigured Model Identifier	Plugged-in Model Identifier	Detected Code Version	Detected Code in Flash	SFS Last
1	M4300-8X8F	4G3N2971D00AF	0 days, 0 hours, 3 minutes, 35 secs	M4300-8X8F	M4300-8X8F	12.0.17.12	12.0.17.12	None
2	M4300-8X8F		0 days, 0 hours, 0 minutes, 0 secs	M4300-8X8F		0.0.0.0	0.0.0.0	None

Add **Delete** Refresh Cancel Apply

Stacking

- Basic
- Stack Configuration**
- Advanced
- NSF

Management Unit Selection

Management Unit Selected:

Stack Sample Mode

Sample Mode
Max samples

Stack Configuration

<input type="checkbox"/>	Unit ID	Change Switch ID to	Switch Type	Hardware Management Preference	Switch Priority	Management Status	Standby Status	Switch Status
<input type="checkbox"/>	2	<input type="text"/>	M4300-8X8F	Unassigned	Unassigned	Stack Member	None	Not present
<input type="checkbox"/>	1		M4300-8X8F	Unassigned	15	Management	None	OK
<input checked="" type="checkbox"/>	2		M4300-8X8F	Unassigned	Unassigned	Stack Member	None	Not present

Basic Stack Status

Unit ID	Switch Description	Serial Number	Uptime	Preconfigured Model Identifier	Plugged-in Model Identifier	Detected Code Version	Detected Code in Flash	SFS Last
1	M4300-8X8F	4G3N2971D00AF	0 days, 0 hours, 4 minutes, 39 secs	M4300-8X8F	M4300-8X8F	12.0.17.12	12.0.17.12	None
2	M4300-8X8F		0 days, 0 hours, 0 minutes, 0 secs	M4300-8X8F		0.0.0.0	0.0.0.0	None

Click on "Delete."

Management Unit Selection

Management Unit Selected:

Stack Sample Mode

Sample Mode
Max samples

Stack Configuration

<input type="checkbox"/>	Unit ID	Change Switch ID to	Switch Type	Hardware Management Preference	Switch Priority	Management Status	Standby Status	Switch Status
<input type="checkbox"/>	1		M4300-8X8F	Unassigned	15	Management	None	OK

Basic Stack Status

Unit ID	Switch Description	Serial Number	Uptime	Preconfigured Model Identifier	Plugged-in Model Identifier	Detected Code Version	Detected Code in Flash	SFS Last
1	M4300-8X8F	4G3N2971D00AF	0 days, 0 hours, 5 minutes, 47 secs	M4300-8X8F	M4300-8X8F	12.0.17.12	12.0.17.12	None

Now that we removed the switch from the stack, we are going to login to the second switch. The second switch will be acting independently and will receive an IP address via DHCP.

NETGEAR®

Login Name

Password

AV UI Login

Main UI allows for advanced network configuration setup with additional network switching features.

Main UI Login

Login using the "Main UI Login."

Login to the "Main UI" of the switch and go to the "Stacking" tab.

M4300-8X8F ProSAFE 8-port 10GBASE-T and 8-port 10G SFP+

Welcome admin

- System
 - Switching
 - Routing
 - Stacking**
 - QoS
 - Security
 - Monitoring
 - Maintenance
 - Help
 - Index
- Management
 - Device View
 - Services
 - SNMP
 - LLDP
 - Link Dependency
 - ISDP
 - Timer Schedule

Add Delete Refresh Cancel Apply

- Stacking
 - Basic
 - Stack Configuration**
 - Advanced
 - NSF

Management Unit Selection

Management Unit Selected: 2

Stack Sample Mode

Sample Mode: Cumulative
Max samples: 0

Stack Configuration

<input type="checkbox"/>	Unit ID	Change Switch ID to	Switch Type	Hardware Management Preference	Switch Priority	Management Status	Standby Status	Switch Status
<input type="checkbox"/>	1		M4300-8X8F	Unassigned	Unassigned	Stack Member	None	Not present
<input type="checkbox"/>	2		M4300-8X8F	Unassigned	14	Management	None	OK

Select the switch from the stack that shows as "Not present."

Basic Stack Status

Unit ID	Switch Description	Serial Number	Uptime	Preconfigured Model Identifier	Plugged-in Model Identifier	Detected Code Version	Detected C
1	M4300-8X8F		0 days, 0 hours, 0 minutes, 0 secs	M4300-8X8F		0.0.0.0	0.0.0.0
2	M4300-8X8F	4G3N2979D0132	0 days, 0 hours, 8 minutes, 28 secs	M4300-8X8F	M4300-8X8F	12.0.17.12	12.0.17.12

Stacking

- Basic ^
- **Stack Configuration**
- Advanced v
- NSF v

Management Unit Selection

Management Unit Selected:

Click on "Delete."

Stack Sample Mode

Sample Mode Max samples

Stack Configuration

<input type="checkbox"/>	Unit ID	Change Switch ID to	Switch Type	Hardware Management Preference	Switch Priority	Management Status	Standby Status	Switch Status
<input type="checkbox"/>	1	<input type="text"/>	M4300-8X8F	Unassigned	Unassigned	Stack Member	None	Not present
<input checked="" type="checkbox"/>	1		M4300-8X8F	Unassigned	Unassigned	Stack Member	None	Not present
<input type="checkbox"/>	2		M4300-8X8F	Unassigned	14	Management	None	OK

Basic Stack Status

Unit ID	Switch Description	Serial Number	Uptime	Preconfigured Model Identifier	Plugged-in Model Identifier	Detected Code Version	Detected C
1	M4300-8X8F		0 days, 0 hours, 0 minutes, 0 secs	M4300-8X8F		0.0.0.0	0.0.0.0
2	M4300-8X8F	4G3N2979D0132	0 days, 0 hours, 8 minutes, 28 secs	M4300-8X8F	M4300-8X8F	12.0.17.12	12.0.17.12

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M4300-8X8F ProSAFE 8-port 10GBASE-T and 8-port 10G SFP+

Welcome [admin](#) [System](#) [Switching](#) [Routing](#) [QoS](#) [Security](#) [Monitoring](#) [Maintenance](#) [Help](#) [Index](#)[Management](#) [Device View](#) [Services](#) [Stacking](#) [SNMP](#) [LLDP](#) [Link Dependency](#) [ISDP](#) [Timer Schedule](#)[Add](#) [Delete](#) [Refresh](#) [Cancel](#) [Apply](#)

Stacking

- Basic
- Stack Configuration**
- Advanced
- NSF

Management Unit Selection

Management Unit Selected:

Stack Sample Mode

Sample Mode
Max samples

Stack Configuration

<input type="checkbox"/>	Unit ID	Change Switch ID to	Switch Type	Hardware Management Preference	Switch Priority	Management Status	Standby Status	Switch Status
<input type="checkbox"/>	2		M4300-8X8F	Unassigned	14	Management	None	OK

Check the box
for the switch.

Basic Stack Status

Unit ID	Switch Description	Serial Number	Uptime	Preconfigured Model Identifier	Plugged-in Model Identifier	Detected Code Version	Detected Code
2	M4300-8X8F	4G3N2979D0132	0 days, 0 hours, 9 minutes, 6 secs	M4300-8X8F	M4300-8X8F	12.0.17.12	12.0.17.12

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M4300-8X8F ProSAFE 8-port 10GBASE-T and 8-port 10G SFP+

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Stacking

- Basic
- Stack Configuration**
- Advanced
- NSF

Management Unit Selection

Management Unit Selected:

Stack Sample Mode

Sample Mode Max samples

Under "Change Switch ID to" type in "1."

Stack Configuration

<input type="checkbox"/>	Unit ID	Change Switch ID to	Switch Type	Hardware Management Preference	Switch Priority	Management Status	Standby Status	Switch Status
<input type="checkbox"/>	2	<input type="text" value="1"/>	M4300-8X8F	Unassigned	14	Management	None	OK
<input checked="" type="checkbox"/>	2		M4300-8X8F	Unassigned	14	Management	None	OK

Basic Stack Status

Unit ID	Switch Description	Serial Number	Uptime	Preconfigured Model Identifier	Plugged-in Model Identifier	Detected Code Version	Detected Code
2	M4300-8X8F	4G3N2979D0132	0 days, 0 hours, 9 minutes, 6 secs	M4300-8X8F	M4300-8X8F	12.0.17.12	12.0.17.12

- Stacking
 - Basic
 - Stack Configuration**
 - Advanced
 - NSF

Management Unit Selection

Management Unit Selected: 2

Click on "Apply."

Stack Sample Mode

Sample Mode: Cumulative
Max samples: 0

Stack Configuration

<input type="checkbox"/>	Unit ID	Change Switch ID to	Switch Type	Hardware Management Preference	Switch Priority	Management Status	Standby Status	Switch Status
<input type="checkbox"/>	2	1	M4300-8X8F	Unassigned	14	Management	None	OK
<input checked="" type="checkbox"/>	2		M4300-8X8F	Unassigned	14	Management	None	OK

Basic Stack Status

Unit ID	Switch Description	Serial Number	Uptime	Preconfigured Model Identifier	Plugged-in Model Identifier	Detected Code Version	Detected Co
2	M4300-8X8F	4G3N2979D0132	0 days, 0 hours, 9 minutes, 6 secs	M4300-8X8F	M4300-8X8F	12.0.17.12	12.0.17.12

NOTE: keep in mind that the switch will reboot once you apply the changes.

- Stacking
 - Basic
 - Stack Configuration**
 - Advanced
 - NSF

Management Unit Selection

Management Unit Selected: 1

Stack Sample Mode

Sample Mode: Cumulative
Max samples: 0

Stack Configuration

<input type="checkbox"/>	Unit ID	Change Switch ID to	Switch Type	Hardware Management Preference	Switch Priority	Management Status	Standby Status	Switch Status
<input type="checkbox"/>	1		M4300-8X8F	Unassigned	15	Management	None	OK
<input type="checkbox"/>	2		M4300-8X8F	Unassigned	Unassigned	Stack Member	None	Not present

Basic Stack Status

Unit ID	Switch Description	Serial Number	Uptime	Preconfigured Model Identifier	Plugged-in Model Identifier	Detected Code Version	Detected C
1	M4300-8X8F	4G3N2979D0132	0 days, 0 hours, 1 minutes, 52 secs	M4300-8X8F	M4300-8X8F	12.0.17.12	12.0.17.12
2	M4300-8X8F		0 days, 0 hours, 0 minutes, 0 secs	M4300-8X8F		0.0.0.0	0.0.0.0

NOTE: If the second switch does show up after the reboot, follow the same process and select the switch and click on delete.

- Stacking
 - Basic
 - Stack Configuration**
 - Advanced
 - NSF

Management Unit Selection

Management Unit Selected: 1

Stack Sample Mode

Sample Mode: Cumulative
Max samples: 0

Stack Configuration

<input type="checkbox"/>	Unit ID	Change Switch ID to	Switch Type	Hardware Management Preference	Switch Priority	Management Status	Standby Status	Switch Status
<input type="checkbox"/>	1		M4300-8X8F	Unassigned	15	Management	None	OK

Basic Stack Status

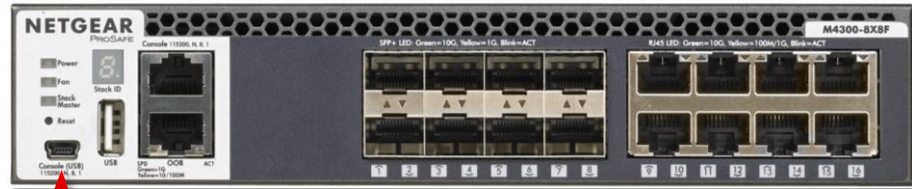
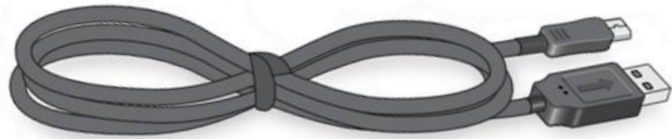
Unit ID	Switch Description	Serial Number	Uptime	Preconfigured Model Identifier	Plugged-in Model Identifier	Detected Code Version	Detected C
1	M4300-8X8F	4G3N2979D0132	0 days, 0 hours, 2 minutes, 50 secs	M4300-8X8F	M4300-8X8F	12.0.17.12	12.0.17.12

This completes the manual unstacking using the main UI.
We are now going to show you how to clear the stacking configuration using the CLI.

Accessing the switch via console to find the IP address

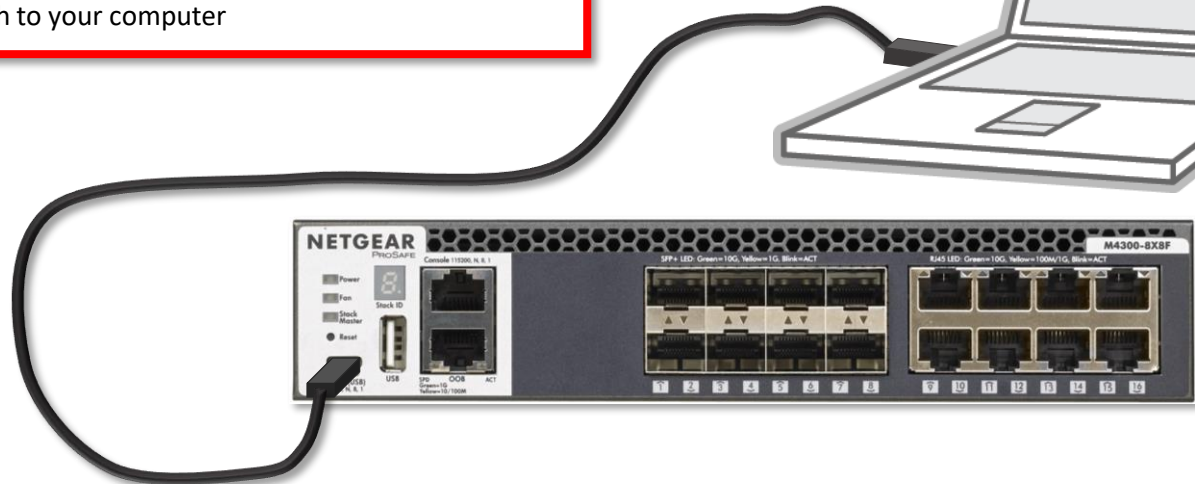
You can unstack the switches by powering down the stack and disconnecting the stacking cables and booting them up in standalone then accessing the CLI.

To access the CLI you can use the console cable and connect directly to each one of the switches once the stacking cables have been disconnected.



In order for your computer to recognize the USB connection as a console connection, you will need to install the drivers on your computer.

It is recommended to install the drivers first, and then use the console cable to connect from the USB C port on the switch to your computer



Open a browser and go to "netgear.com/support/" or "support.netgear.com."

We've resulted in an interruption of Internet service. For instructions to restore Internet connectivity. [Click here](#)

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Let's get started.

Selecting your model allows us to tailor our support site for you.

M4250

M4250 — AV Line Managed Switches / M4250

M4250-10G2F-PoE+ (GSM4212P) — AV Line 8x1G PoE+ 125W 2x1G and 2xSFP Managed Switch / M4250-10G2F-PoE+ (GSM4212P)

M4250-10G2XF-PoE+ (GSM4212PX) — AV Line 8x1G PoE+ 240W 2x1G and 2xSFP+ Managed Switch / M4250-10G2XF-PoE+ (GSM4212PX)

M4250-10G2XF-PoE++ (GSM4212UX) — AV Line 8x1G Ultra90 PoE++ 802.3bt 720W 2x1G and 2xSFP+ Managed Switch / M4250-10G2XF-PoE++ (GSM4212UX)

M4250-12M2XF (MSM4214X) — AV Line 12x2.5G and 2xSFP+ Managed Switch / M4250-12M2XF (MSM4214X)

M4250-16XF (XSM4216F) — AV Line 16x1G/10G Fiber SFP+ Managed Switch / M4250-16XF (XSM4216F)

M4250-26G4F-PoE+ (GSM4230P) — AV Line 24x1G PoE+ 300W 2x1G and 4xSFP Managed Switch / M4250-26G4F-PoE+ (GSM4230P)

M4250-26G4F-PoE++ (GSM4230UP) — AV Line 24x1G Ultra90 PoE++ 802.3bt 1,440W 2x1G and 4xSFP Managed Switch / M4250-26G4F-PoE++ (GSM4230UP)

Select

How to Find Your Model Number?

To find the model/version number of a device, check the bottom or back panel. **Example:**



Type in "M4250" and go to the "M4250 – AV Line Managed Switches /M4250"

Find Your Model Number >

Support / M4250

M4250 — AV Line Managed Switches

Model / Version: M4250

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Firmware Version 13.0.4.12 for M4250 switches with 16-or-less ports

MIB Version 13.0.4.12 for M4250 switches with 16-or-less ports

Firmware Version 13.0.4.12 for M4250 switches with 24-or-more ports

MIB Version 13.0.4.12 for M4250 switches with 24-or-more ports


NETGEAR Engage Controller for Mac Version 1.0.2.16

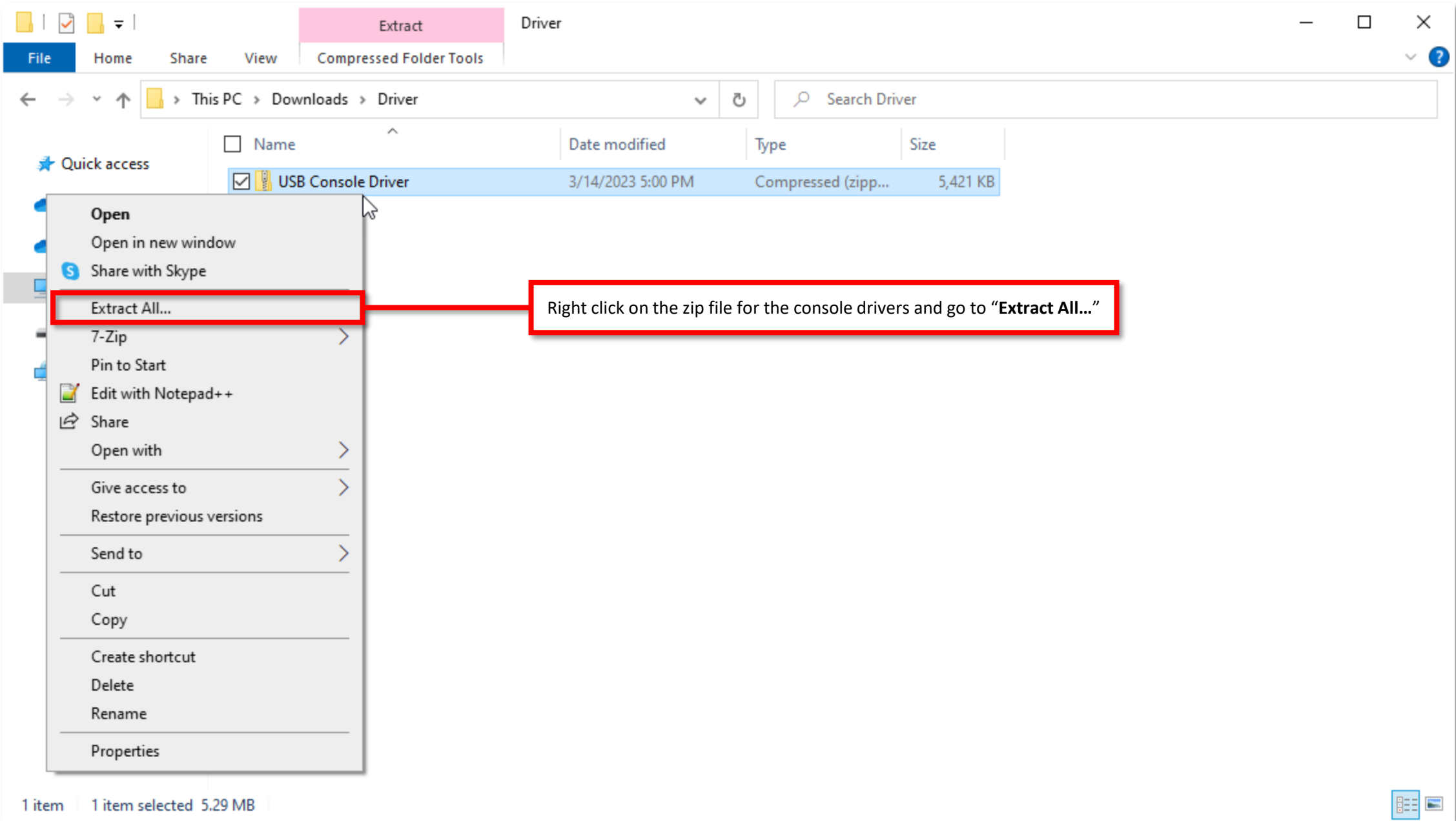
NETGEAR Engage Controller for Windows Version 1.0.2.16

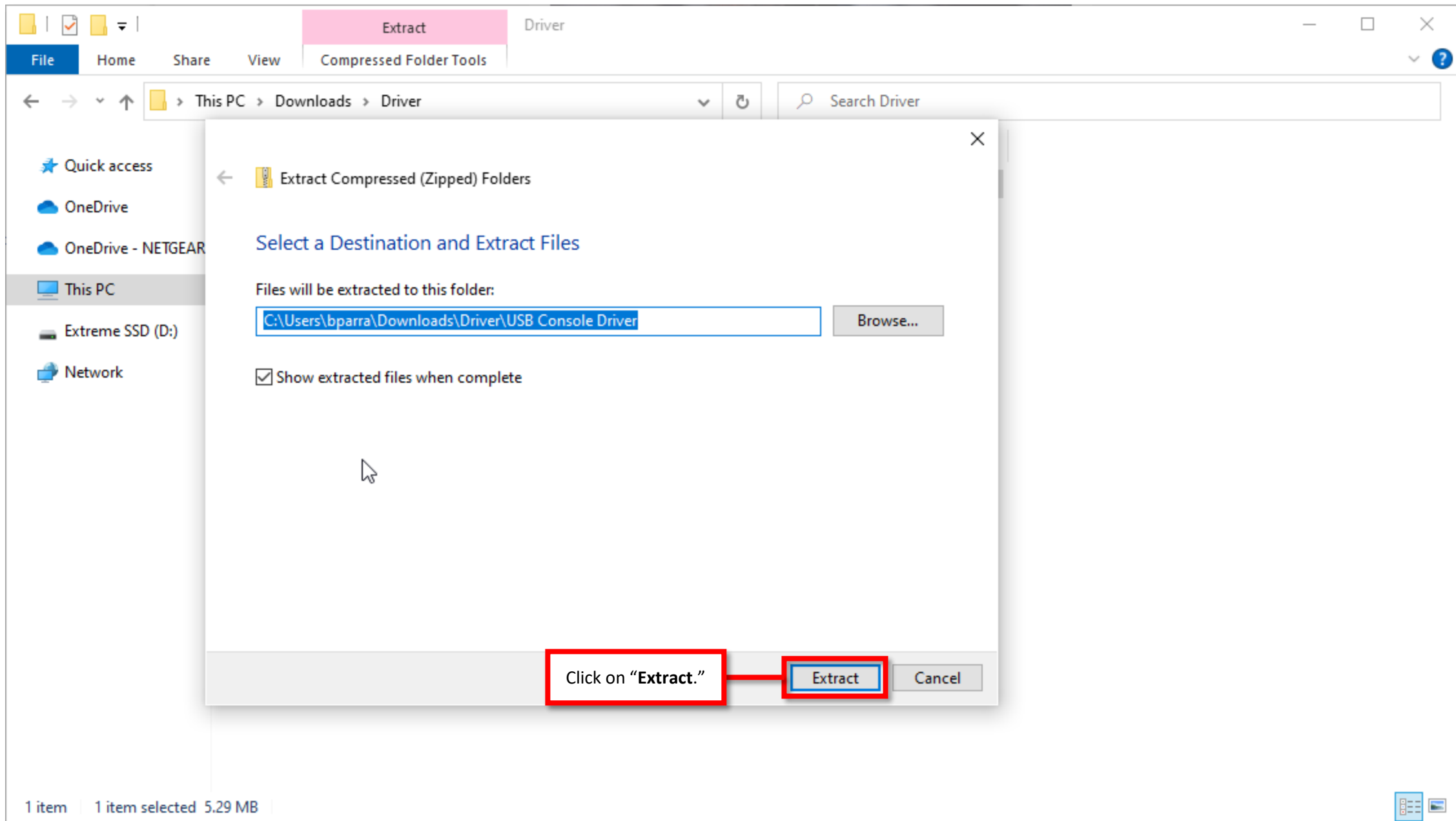
USB Console Driver

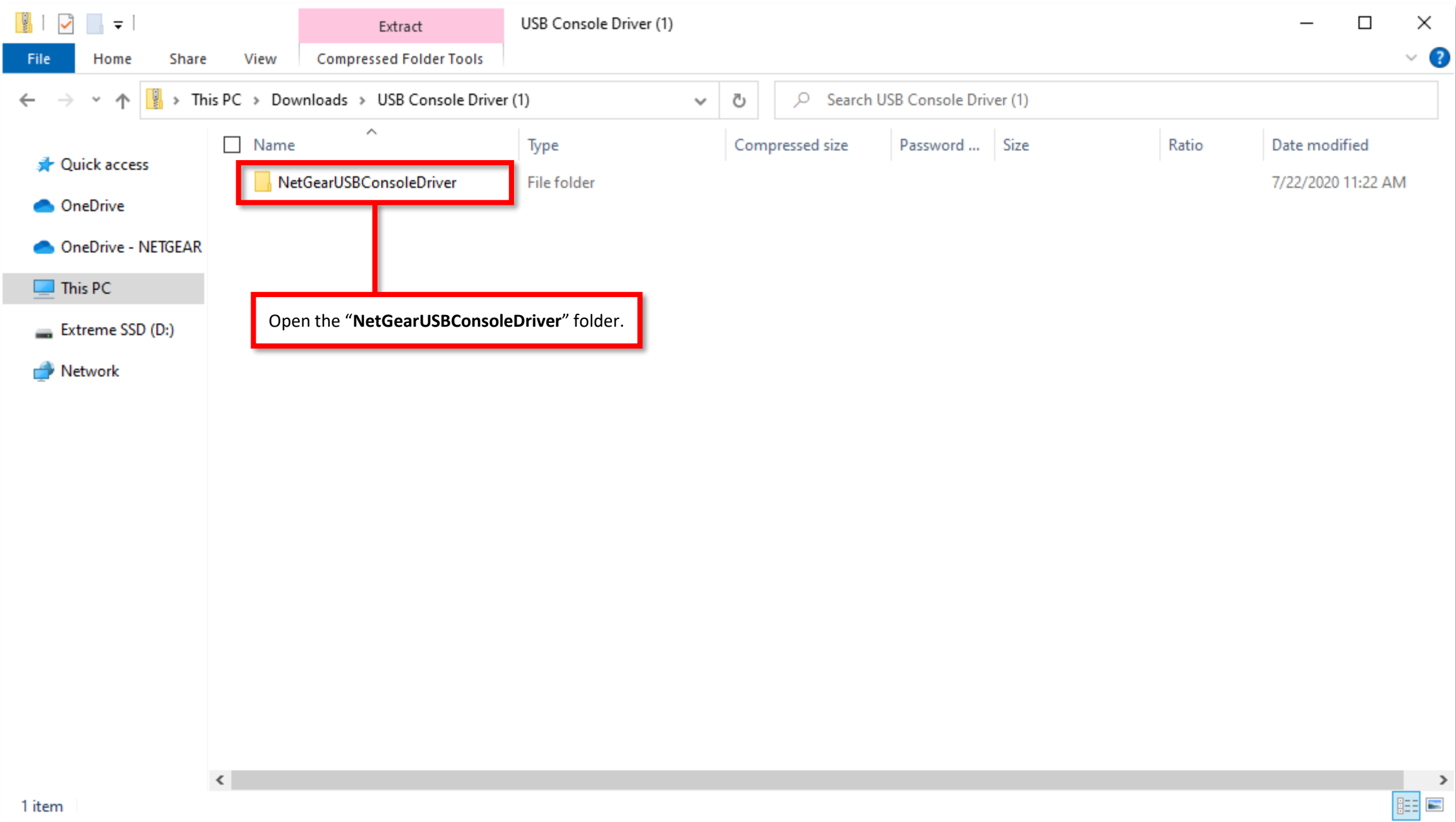
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Open the "NetGearUSBConsoleDriver" folder.

NetGearUSBConsoleDriver

File Home Share View

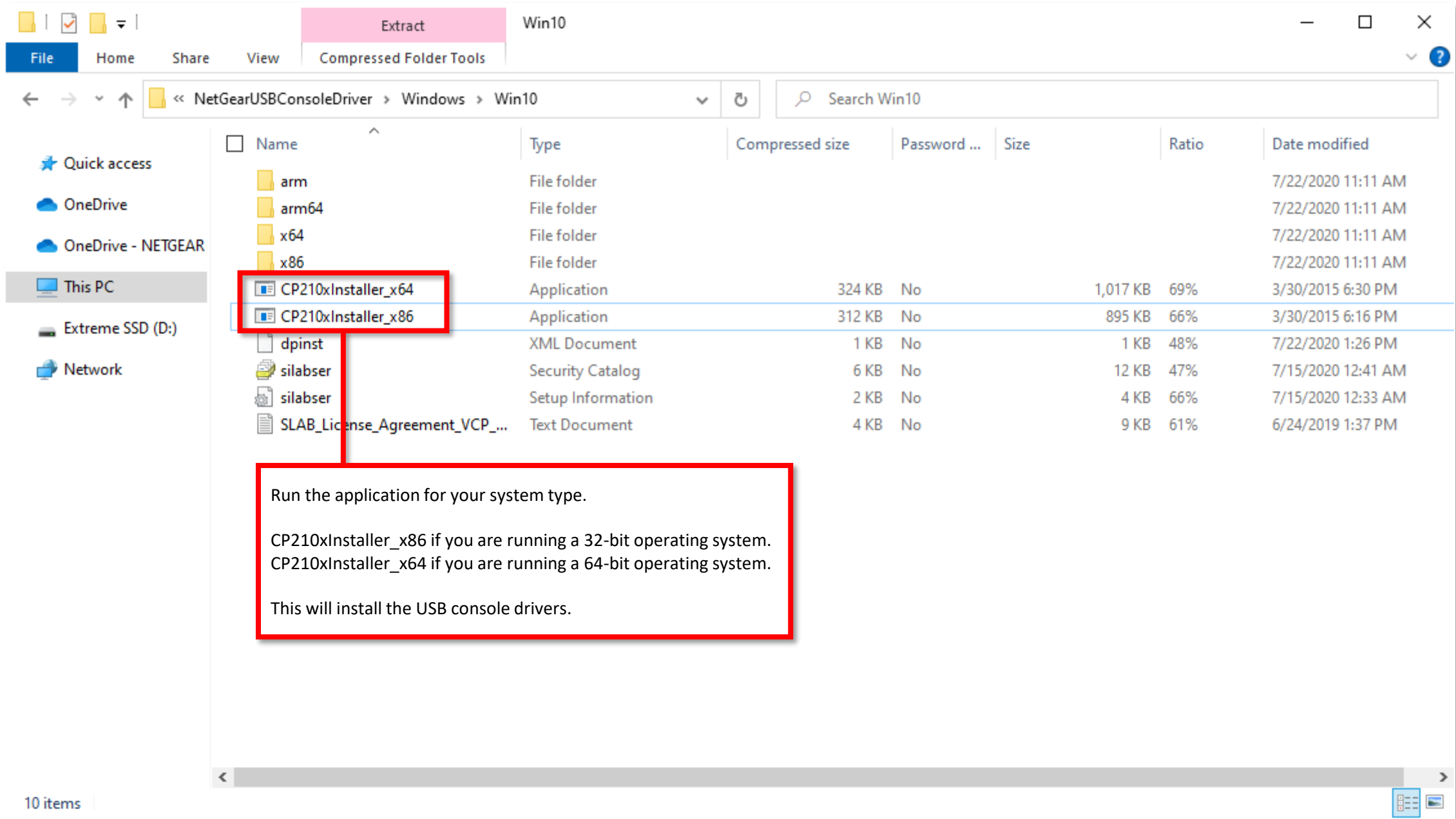
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Extreme SSD (D:)
Network

Open the folder for the for your operating system.

3 items





Once the drivers are installed connect the USB cable from the console port on the switch to your computer.
We will be using "Tera Term" to connect to the switch.

NETGEAR

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Best match

- Tera Term**
App

Search work and web

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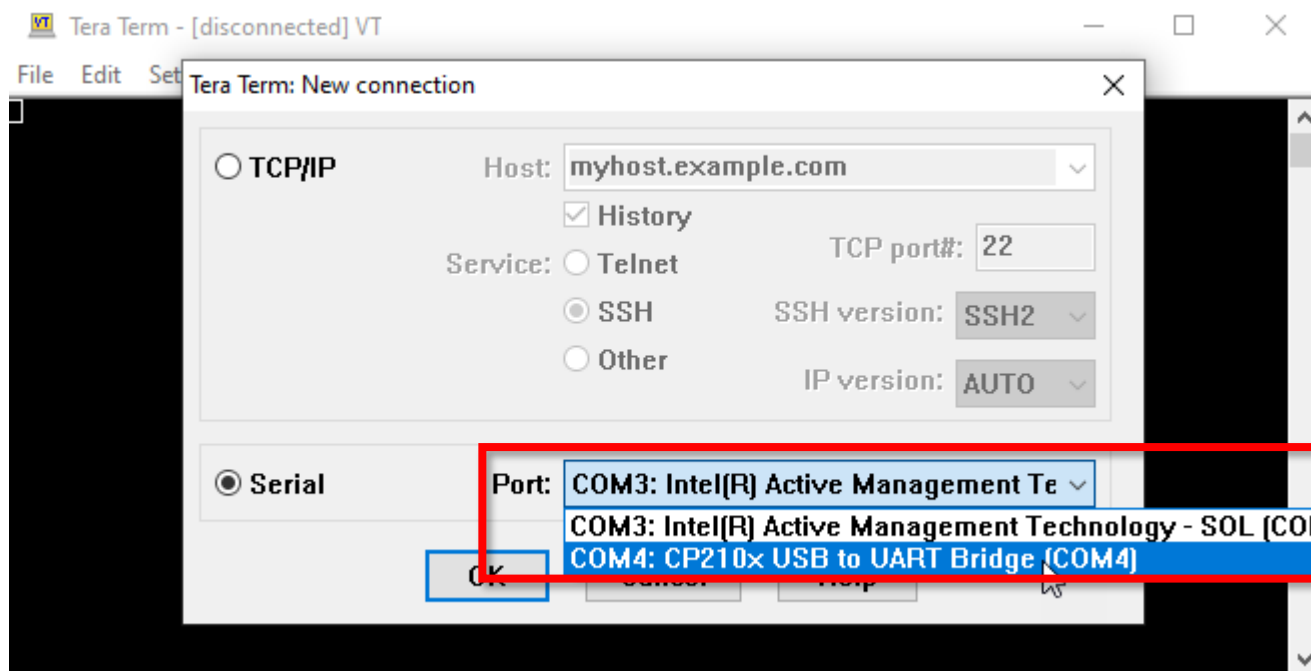
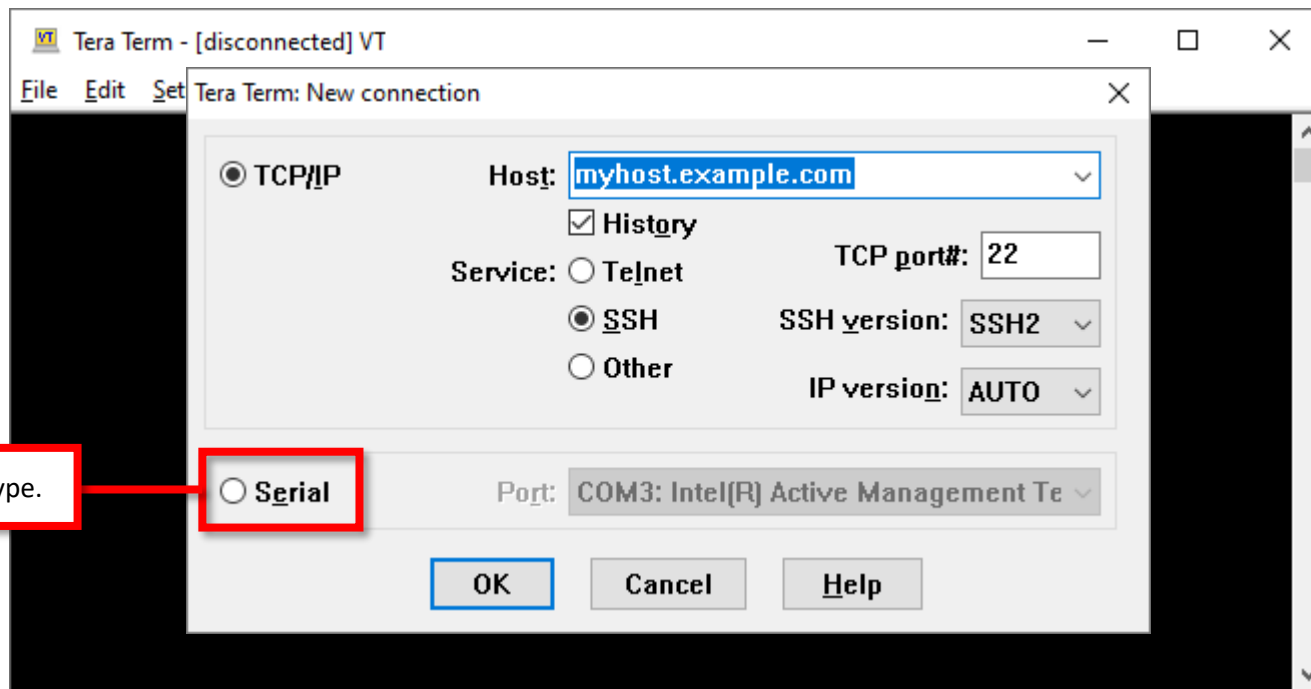
Tera Term
App

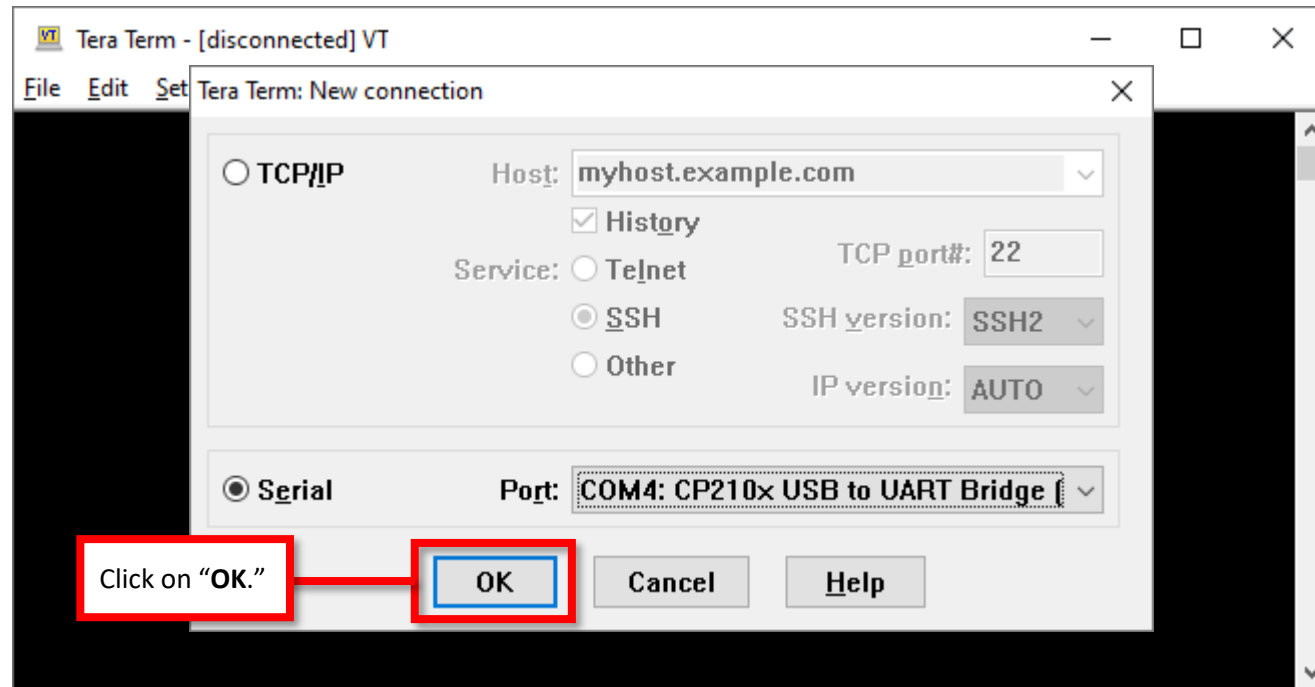
Open

Recent Sessions

- myhost.example.com
- 192.0.2.1
- [2001:db8:1:2:8401:2ff:fe03:405]
- [fe80::8401:2ff:fe03:405%3]
- myhost.example.com /F=myhost.ini
- user@myhost.example.com:10022 /ssh







- Terminal...
- Window...
- Font >
- Keyboard...
- Serial port...**
- Proxy...
- SSH...
- SSH Authentication...
- SSH Forwarding...
- SSH KeyGenerator...
- TCP/IP...
- General...
- Additional settings...

- Save setup...
- Restore setup...
- Setup directory...

- Load key map...

Go to "Setup" from the menu at the top and click on "Serial Port..."

Tera Term: Serial port setup and connection

Port:	COM4	
Speed:	115200	New setting
Data:	8 bit	Cancel
Parity:	none	
Stop bits:	1 bit	Help
Flow control:	none	

Transmit delay

0 msec/char 0 msec/line

Device Friendly Name: CP210x USB to UART Bridge (COM4)
Device Instance ID: USB\VID_0846&PID_1100\6BA10852A0031
Device Manufacturer: NETGEAR
Provider Name: NETGEAR Inc.
Driver Date: 7-13-2020
Driver Version: 10.1.8.2466

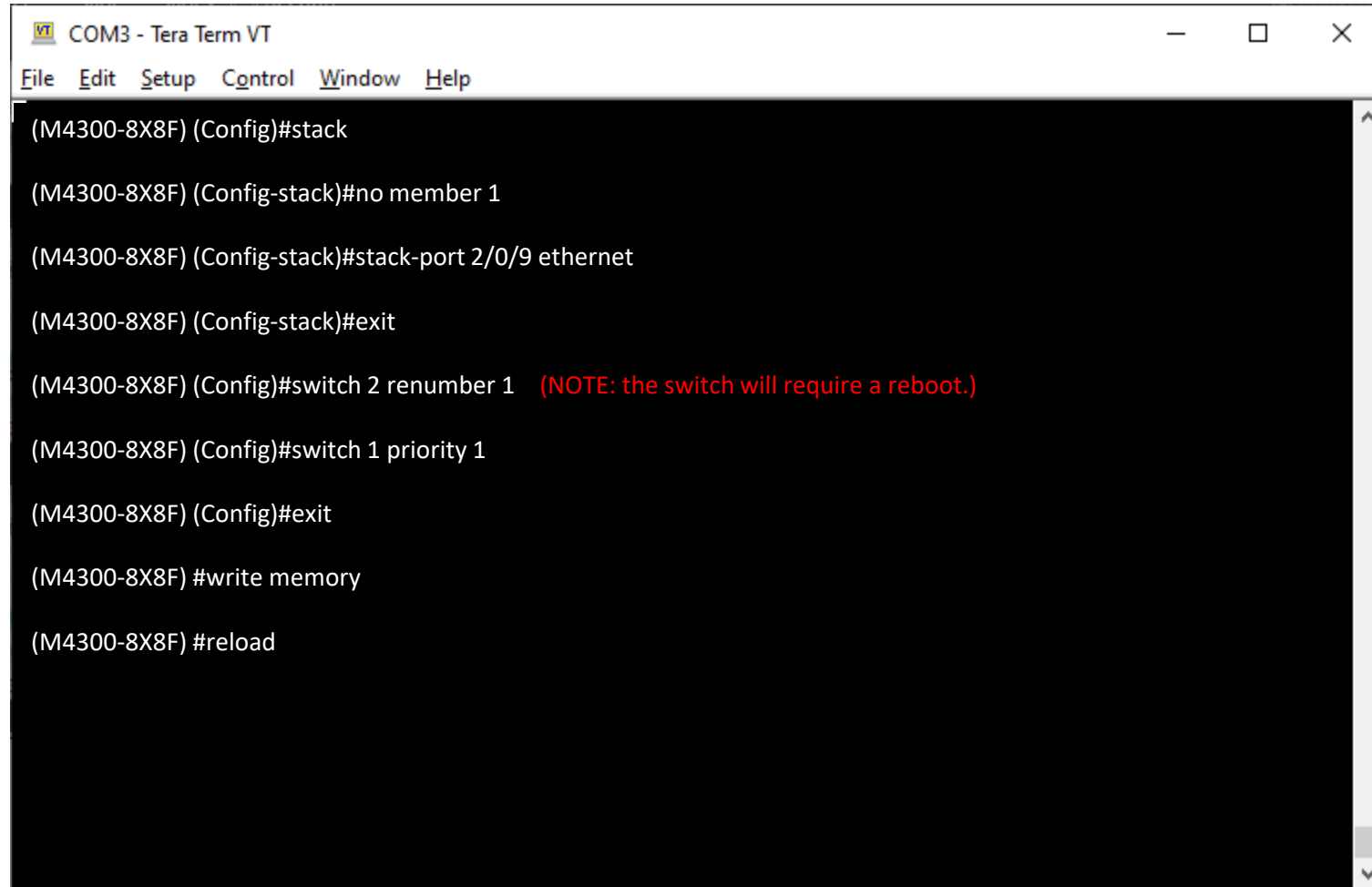
Change the "Speed" to "115200."

After setting the "Speed," click on "New setting."

```
COM3 - Tera Term VT
File Edit Setup Control Window Help
User: admin
Password:*****
(M4300-8X8F) >en
(M4300-8X8F) #config
(M4300-8X8F) (Config)#switch 1 priority 1
(M4300-8X8F) (Config)#exit
(M4300-8X8F) #write memory
(M4300-8X8F) #erase stack-config
```

The device will then reboot.

Use the “**stack-port 2/0/9 ethernet**” on the ports configured in “**Stacking**” mode.



```
COM3 - Tera Term VT
File Edit Setup Control Window Help
(M4300-8X8F) (Config)#stack
(M4300-8X8F) (Config-stack)#no member 1
(M4300-8X8F) (Config-stack)#stack-port 2/0/9 ethernet
(M4300-8X8F) (Config-stack)#exit
(M4300-8X8F) (Config)#switch 2 renumber 1 (NOTE: the switch will require a reboot.)
(M4300-8X8F) (Config)#switch 1 priority 1
(M4300-8X8F) (Config)#exit
(M4300-8X8F) #write memory
(M4300-8X8F) #reload
```

The device will then reboot.

End

