



TECHNICAL SUPPORT NOTE

Introduction to the Switch Menu in the Web GUI

Featuring ADTRAN OS and the Web GUI

Introduction

This Technical Support Note shows the different options available in the Switch menu of the ADTRAN OS Web GUI.

Switch Menu

The Switch menu contains configuration parameters that apply to the switch portion of the NetVanta. The sub-menus contained under this heading may be used to configure the individual Ethernet interfaces on the device, link aggregation, VLANs, Spanning Tree, Static MAC forwarding, and class of service parameters.



Basic steps to configure Layer 2 switching

VLAN Configuration

Step 1 - Create your VLANs

The NetVanta 1224R ships with a single default VLAN. In order to separate the network into several "virtual" networks, go to the VLAN page to create additional VLANs.

Step 2 - Add Ports to the VLANs

By default all ports are members of the default VLAN. This step is used to change the membership of the ports.

VLAN Configuration, continued...

VLANs, or virtual local area networks, can be configured in switches to help improve network efficiency. Generally without VLANs, broadcast domains are defined by physical location. For example, each floor in a building may have its own switch with several workstations connected to that switch. Each one of those switches then has a connection to a centrally located router. Since there is one broadcast domain per router interface, each floor has its own broadcast domain. This may not always be the best way to segment the network. VLANs can be used to reduce size of the broadcast domain in the above example and define local area networks regardless of physical location. The NetVanta switches and switch-routers will support up to 255 port based VLANs.

VLANs

VLAN 1 is the default VLAN and will be listed in the table along with any IP address information that is assigned to that VLAN. Additional VLANs can be created in order to separate the network into "virtual" local area networks.

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VLAN Configuration
Use this dialog to create a new VLAN or edit an existing one. To edit an existing VLAN, click on the item in the list below this dialog. Use the [Default Gateway](#) to specify a default gateway if IP routing is not enabled on the unit. Use the [Route Table](#) to add a default route when using IP routing functionality.

Add New VLAN
Add New VLAN

Modify/Delete a VLAN

ID	Name	VLAN Type	IP Address	Mask
1	Default	Static	10.19.218.124	255.255.255.0
2	TEST	Static	None	N/A

← Add new VLAN

VLAN Configuration
Use this dialog to modify the VLAN configuration. If a VLAN name is not entered, one will be generated.

Enabled: *Enable or disable this VLAN* ← Enable VLAN

VLAN Name: *Up to 32 alphanumeric characters.* ← Name VLAN

VLAN ID: *VLAN ID is any number in the range 1-4094.* ← Assign VLAN ID

VLAN Interface: *Select this to configure this VLAN as an IP interface*

VLAN Interface Configuration

Description: *Optional descriptive label for this port. Up to 80 alphanumeric characters.*

Enabled: *Enable or disable this VLAN interface*

MAC Address: : : : : : *Media Access Control address for this interface*

Interface Mode: *Select an interface mode*

IP Settings

Address Type:

Dynamic DNS: *Dynamic DNS is used to register this interface's IP address with a DNS Name.*

Reset Apply

Modify/Delete a VLAN

ID	Name	VLAN Type	IP Address	Mask
1	Default	Static	10.19.218.124	255.255.255.0
2	TEST	Static	None	N/A
3	VoIP	Static	None	N/A

← Delete ← Delete

VLAN list after adding new →

Ports

The VLAN state, VLAN membership, and speed/duplex settings can be specified from the Ports menu.

The screenshot shows the NetVanta 1224STR web interface. The left sidebar contains a navigation menu with categories: System, Switch, Router / Bridge, Firewall, VPN, and Utilities. The main content area is titled "Switch Ports Configuration" and includes a "Template Line" section with three dropdown menus. Below this is a table of ports with columns for Port, Edge Port Mode, Membership, Speed/Duplex, Status, and STP. Annotations with arrows point to specific elements: the Template Line dropdowns, the Status and STP columns for eth 0/10, and the Membership dropdown for eth 0/21. A note at the bottom explains that clicking a port name leads to more options and statistics.

Port	Edge Port Mode	Membership	Speed/Duplex	Status	STP
eth 0/1	Enabled	vlan 1(Default)	Auto	100/Full	Forwarding
eth 0/2	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/3	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/4	Enabled	vlan 1(Default)	Auto	100/Full	Forwarding
eth 0/5	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/6	Enabled	vlan 1(Default)	Auto	100/Full	Forwarding
eth 0/7	Enabled	vlan 1(Default)	Auto	100/Full	Forwarding
eth 0/8	Enabled	vlan 1(Default)	Auto	100/Full	Forwarding
eth 0/9	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/10	Enabled	vlan 1(Default)	Auto	10/Half	Forwarding
eth 0/11	Enabled	vlan 1(Default)	Auto	10/Half	Forwarding
eth 0/12	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/13	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/14	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/15	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/16	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/17	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/18	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/19	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/20	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/21	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/22	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/23	Enabled	vlan 1(Default)	Auto	Down	---
eth 0/24	Disabled	vlan 1(Default)	Auto	100/Full	Forwarding
giga-eth 0/1	Disabled	vlan 1(Default)	Auto	1000/Full	Forwarding

* Indicates that the port is enabled for functionality that removes it from the Spanning Tree configuration.

In order to view more port options as well as statistics for each port, select the port name.

Specific Port Configuration

Individual Ethernet interfaces can be configured from the Ports menu by selecting the specific port on the left side of the Switch – Ports screen.

The screenshot shows the 'Ports' configuration page for a NetVanta 1224R switch. On the left, a navigation menu includes 'System' (Getting Started, System, Default Gateway, Hostname / DNS, DHCP Server, IP Services, Passwords, QOS Maps) and 'Switch' (Ports, Link Aggregation, VLANs, Spanning Tree, MAC Forwarding). The main area is titled 'Configuration' and contains a table of port settings. The 'eth 0/1' port is selected, showing its state as 'Enable', membership as 'vlan 1(Default)', speed/duplex as 'Auto', and status as '100/Half Forwarding'. A double-headed arrow points from this port to the detailed configuration page below.

↕

This screenshot shows the 'General Port Information for eth 0/1' configuration page. It includes several fields with annotations:

- Port Description:** An empty text box with the annotation 'Port description'.
- Enabled:** A checked checkbox with the annotation 'Enable/disable port'.
- Speed/Duplex:** A dropdown menu set to 'Auto' with the annotation 'Port speed/duplex'.
- Port MAC Address:** Displayed as '00:00:00:00:00:00' with the annotation 'Hardware identifier'.
- Default Class of Service:** A dropdown menu set to '0' with the annotation 'Define default COS'.
- Apply Default COS to marked and unmarked packets?:** An unchecked checkbox with the annotation 'Enable a default COS on all packets that pass through this port'.
- Edge-Port Status:** Displayed as 'Disabled' with the annotation 'Enable edge-port mode. Interface will transition directly to the forwarding state.'
- Edge-Port Mode:** An unchecked checkbox with the annotation 'Enable edge-port mode. Interface will transition directly to the forwarding state.'

This screenshot shows the 'Port Statistics for eth 0/1' page. It displays a table of network statistics for the selected port. The statistics are as follows:

Input Packets (bytes)	701 (97023)
Output Packets (bytes)	1070 (275469)
Resets	0
Input Errors	0
Input CRC Errors	0
Output Errors	0
Excessive Collisions on TX	0
Carrier Sense Errors on TX	0

Buttons for 'Clear Statistics' and 'Continuous Refresh' are located at the bottom of the statistics section.

Port Security

Port Security allows you to restrict access to ports on the switch to certain devices.

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Port Security Configuration

Configuration | Secure MAC List

Make changes to one or more port's settings and click 'Apply'. Click on the name of the port to configure additional port-security settings. Port security can only be set on ports that are set for 'Access' switch port mode and are not assigned to an aggregated link bundle (port-channel).

Select All | Deselect All Reset Apply

Port	State	Switch Port Mode	Sticky Address Learning	Dynamic MAC count	Static MAC count	Sticky MAC count	Violation Count
Template Line	<Select>						
eth 0/1	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/2	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/3	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/4	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/5	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/6	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/7	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/8	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/9	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/10	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/11	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/12	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/13	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/14	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/15	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/16	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/17	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/18	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/19	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/20	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/21	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/22	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/23	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
eth 0/24	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0
giga-eth 0/1	<input checked="" type="checkbox"/> Enabled	Stack	Disabled	0	0	0	0
giga-eth 0/2	<input type="checkbox"/> Disabled	Access	Disabled	0	0	0	0

Select All | Deselect All Reset Apply

Statistics on MAC address types configured per port

Number of times MAC was blocked

Enables or Disables port security

Clicking on a port enables you to configure the port security options for that port.

General Port Security Information for eth 0/1

Customize the characteristics of port security for an individual ethernet port on the switch.

Aging Static: <input type="checkbox"/>	Apply MAC address aging time to static secure entries
Aging Time: <input type="text" value="0"/> minutes	secure MAC address aging time (Range is 0-1440, 0 will disable)
Expire Time: <input type="text" value="0"/> minutes	Port expiration timer (Range is 0-43200, 0 will disable)
Maximum: <input type="text" value="1"/>	Maximum number of secure addresses (Range is 1-132)
Violation: <input type="text" value="Shutdown"/>	Mode to enter when a violation occurs
Sticky MAC: <input type="checkbox"/>	Enable persistent MAC addresses

← Aging time for secure MAC address

← Disables port after specified time

Add a secure MAC Address

Enter secure MAC addresses to be associated with this port.

Add the MAC Address

MAC Address: : : : : : Set the secure Media Access Control address

View/Delete Secure MAC address

This is a list of the secure MAC addresses for this port. To view the secure MAC addresses for all ports, go back to the ['Port Security'](#) page and click on the 'Secure MAC List' tab.

rows per page Page 1 of 1

VLAN	MAC Address	Type	Remaining Time
There are no secure MACs configured for this port.			

rows per page Page 1 of 1

← Adds MAC address to port security table

Storm Control

Storm Control allows you to limit broadcast, multicast, or unicast traffic to a specified level.

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Storm Control Configuration

Make changes to one or more port's settings and click 'Apply'. Storm control parameters cannot be set on interfaces that are assigned to an aggregated link bundle (port-channel).

[Select All](#) [Deselect All](#) [Reset](#) [Apply](#)

Port	Shutdown Action	Broadcast Level		Multicast Level		Unicast Level	
		Rising	Falling	Rising	Falling	Rising	Falling
Template Line	<Select>						
eth 0/1	Disabled	0	0	0	0	0	0
eth 0/2	Disabled	10	0	0	0	0	0
eth 0/3	Disabled	0	0	0	0	0	0
eth 0/4	Disabled	0	0	0	0	0	0
eth 0/5	Disabled	0	0	0	0	0	0
eth 0/6	Disabled	0	0	0	0	0	0
eth 0/7	Disabled	0	0	0	0	0	0
eth 0/8	Disabled	0	0	0	0	0	0
eth 0/9	Disabled	0	0	0	0	0	0
eth 0/10	Disabled	0	0	0	0	0	0
eth 0/11	Disabled	0	0	0	0	0	0
eth 0/12	Disabled	0	0	0	0	0	0
eth 0/13	Disabled	0	0	0	0	0	0
eth 0/14	Disabled	0	0	0	0	0	0
eth 0/15	Disabled	0	0	0	0	0	0
eth 0/16	Disabled	0	0	0	0	0	0
eth 0/17	Disabled	0	0	0	0	0	0
eth 0/18	Disabled	0	0	0	0	0	0
eth 0/19	Disabled	0	0	0	0	0	0
eth 0/20	Disabled	0	0	0	0	0	0
eth 0/21	Disabled	0	0	0	0	0	0
eth 0/22	Disabled	0	0	0	0	0	0
eth 0/23	Disabled	0	0	0	0	0	0
eth 0/24	Disabled	0	0	0	0	0	0
giga-eth 0/1	Disabled	0	0	0	0	0	0

[Select All](#) [Deselect All](#) [Reset](#) [Apply](#)

Percentage value for broadcast, multicast, or unicast storm control level

Enables or disables storm control for the port

Link Aggregation

The Link Aggregation screen allows a new rule for bonding multiple interfaces into a single logical channel to be created. Once created, ports can be assigned to the new link aggregation entry from the Ports screen. Combining several physical switch links to one logical link provides for increased bandwidth and load balancing between devices. The NetVanta switch-router supports the IEEE 802.3ad standard for link aggregation.

Add / Modify / Delete Link Aggregation Entry

Create a new rule for bonding multiple interfaces into a single logical channel. To assign ports to a link aggregation entry, select the Ports item on the menu bar, then assign the link aggregation entry to one or more ports using the Membership configuration item.

Add New Link Aggregation Entry

Configuration for "New Port Aggregation"

Customize the characteristics of a Link Aggregation on the switch

Port Description: *Optional descriptive label for this interface*

Enabled: *Enable or disable this interface*

VLAN Membership: *Port will be a member of the selected VLAN*

Trunk Native VLAN: *Traffic from this VLAN will be untagged on this port*

Default Class of Service: *Set priority of packets through the port*

Edge-Port Mode: *Check to have Edge-Ports transition directly to the forwarding state*

Edge-Port Mode Current Status: N/A *This port is part of an aggregated link*

GVRP: *Check to enable GVRP.*

Port Statistics for "New Port Aggregation"

Listed below is a snapshot of the line status and statistics. Click on 'Continuous Refresh' to get the latest statistics.

Packets Received
Packets Transmitted
Resets
Input Errors
Input CRC Errors
Output Errors
Excessive Collisions on TX
Carrier Sense Errors on TX

Port Statistics

Note: Up to 6 Link Aggregation groups may be configured with up to 8 Ethernet interfaces in each group.

eth 0/23 Enable port-channel 1(S) Auto Down ...

eth 0/24 Enable port-channel 1(S) Auto Down ...

Select All Deselect All

* Indicates that the port is in a configuration that removes it from the Spanning Tree configuration.

Trunk
vlan 1(Default)
vlan 2(Faculty)
vlan 3(Lab)
vlan 4(Students)
vlan 5(Server A)
port-channel 1(Serv)

Ports can be assigned to the new link aggregation entry from the Ports screen.

Spanning Tree

Global Spanning Tree parameters are configured in this screen. Root switch properties and Spanning Tree port status is also displayed here.

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Spanning Tree

Customize Spanning Tree properties for the network. **(WARNING: Modifying the timer values below from their defaults could adversely affect the stability/performance of your network.)**

Hello Time: 1-10 sec (default is 2)

Max Age: 6-40 sec (default is 20)

Forward Delay: 4-30 sec (default is 15)

Bridge Priority: 0-65535 (default is 32768) ?

Spanning Tree Mode:

Restore Factory Defaults Reset Apply

Spanning Tree Properties "STP 0"

These values are the properties of the Spanning Tree.

Property	Root ID	Bridge ID
Address	00:A0:C8:0A:2C:4E	00:A0:C8:0C:F8:60
Port	giga-eth 0/1	--
Priority	32768	32768
Hello Time	2	2
Forward Delay	15	15
Max Age	20	20

Spanning Tree Port Information for "STP 0"

This is a list of the port configuration. Click on a port for further configuration.

Interface	Role	Status	Cost	Port ID	Type
eth 0/1	Disabled	Disabled	N/A	128.1	Shared
eth 0/2	Disabled	Disabled	N/A	128.2	Shared
eth 0/3	Disabled	Disabled	N/A	128.3	Shared
eth 0/4	Disabled	Disabled	N/A	128.4	Shared
eth 0/5	Disabled	Disabled	N/A	128.5	Shared
eth 0/6	Disabled	Disabled	N/A	128.6	Shared
eth 0/7	Disabled	Disabled	N/A	128.7	Shared
eth 0/8	Disabled	Disabled	N/A	128.8	Shared
eth 0/9	Disabled	Disabled	N/A	128.9	Shared
eth 0/10	Disabled	Disabled	N/A	128.10	Shared
eth 0/11	Disabled	Disabled	N/A	128.11	Shared
eth 0/12	Disabled	Disabled	N/A	128.12	Shared
eth 0/13	Disabled	Disabled	N/A	128.13	Shared
eth 0/14	Disabled	Disabled	N/A	128.14	Shared
eth 0/15	Disabled	Disabled	N/A	128.15	Shared
eth 0/16	Disabled	Disabled	N/A	128.16	Shared
eth 0/17	Disabled	Disabled	N/A	128.17	Shared
eth 0/18	Disabled	Disabled	N/A	128.18	Shared
eth 0/19	Disabled	Disabled	N/A	128.19	Shared
eth 0/20	Disabled	Disabled	N/A	128.20	Shared
eth 0/21	Disabled	Disabled	N/A	128.21	Shared
eth 0/22	Disabled	Disabled	N/A	128.22	Shared
eth 0/23	Disabled	Disabled	N/A	128.23	Shared
eth 0/24	Disabled	Disabled	N/A	128.24	Shared
giga-eth 0/1	Root	Forwarding	4	128.25	Point-to-Point
giga-eth 0/2	Disabled	Disabled	N/A	128.26	Shared

← Spanning Tree settings that globally apply to switch are configured here.

← Properties of the root switch in the Spanning Tree network are displayed here. This is not necessarily the local switch.

← Spanning Tree status of each individual port displayed here. The cost, port ID, and type information is also listed.

MAC Forwarding

Static MAC forwarding entries may be added here. MAC entries can also be viewed or deleted from the MAC Forwarding Entries Table.

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Add Static MAC Forwarding Entry

Use this form to create static MAC Address Forwarding entries.

VLAN:

MAC Address: : : : : : *Media Access Control address for this interface*

Port:

MAC Forwarding Entries

The following table lists all MAC Address Forwarding entries for the Switch. A static entry, that is not internal, can be deleted by clicking on the entry's delete button. Please go to the [Port Security](#) page and click on the 'Secure MAC List' tab to delete a secure MAC address.

ID	VLAN	MAC Address	MAC Type	Port
1	Default	00:01:E3:22:18:1C	Dynamic	eth 0/24
1	Default	00:08:83:D9:2E:C0	Dynamic	eth 0/24
1	Default	00:A0:C8:0A:2C:4E	Dynamic	eth 0/8
1	Default	00:A0:C8:0B:DE:8E	Dynamic	eth 0/1
1	Default	00:A0:C8:0C:04:2A	Dynamic	eth 0/1
1	Default	00:A0:C8:0C:F8:79	Dynamic	giga-eth 0/1
1	Default	00:A0:C8:0E:74:E1	Dynamic	eth 0/4
1	Default	00:A0:C8:0F:5F:4D	Static	Internal
1	Default	00:A0:C8:10:0E:BC	Dynamic	eth 0/8

Class of Service

Layer 2 queue settings, class of service priority, and DiffServ Codepoint to CoS priority mappings can be configured from this screen.

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Class of Service

Basic configuration for Class of Service.

Queue Settings

Queue Type: Strict Weighted Round Robin *Set the Queue Type ?*

Queue	Weight
1	25
2	25
3	25
4	25

Queue Weights: *Set the relative weight of each queue (1-255). ?*

Queue 4 Expedite: *Set Queue 4 to Expedite Mode ?*

Class of Service Priority

Queue	Class of Service Priority							
	0	1	2	3	4	5	6	7
1	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

Class of Service Priority: *Configure Class of Service priorities into queues ?*

DiffServ Codepoints to CoS Priorities ?

Default DSCP-CoS: *Set the DSCP to CoS Priority map to the default mapping ?*

DSCP to CoS	Enable DSCP-CoS
<input type="text"/> to <input type="text"/>	<input type="checkbox"/>
<input type="text"/> to <input type="text"/>	<input type="checkbox"/>
<input type="text"/> to <input type="text"/>	<input type="checkbox"/>
<input type="text"/> to <input type="text"/>	<input type="checkbox"/>
<input type="text"/> to <input type="text"/>	<input type="checkbox"/>
<input type="text"/> to <input type="text"/>	<input type="checkbox"/>
<input type="text"/> to <input type="text"/>	<input type="checkbox"/>
<input type="text"/> to <input type="text"/>	<input type="checkbox"/>

Specific DSCP-CoS: *Map a DiffServ Codepoint to a CoS priority. Multiple DiffServ Codepoints can have the same CoS priority. Valid values for DSCP are 0-63. Valid values for CoS Priority are 0-7*

Cancel Reset Apply

← Strict or Weighted Round Robin Queuing may be selected. With Strict queue type each queue in turn will be emptied. In WRR queue type, the weight of each queue may be customized.

← Queue Weights and Queue 4 Expedite may be configured only if WRR queue type is selected.

← Set CoS values associated with the 4 output queues

← Map DiffServ Codepoint values to CoS priority

Stacking

Stacking enables you manage multiple switches from a single IP address.

The screenshot shows the configuration interface for a NetVanta 1224STR switch. The left sidebar contains a navigation menu with categories: System, Switch, Router / Bridge, Firewall, VPN, and Utilities. The main content area is divided into three sections:

- Stacking Setup:** This section allows configuring stack parameters. It includes a dropdown for Stacking Mode (set to Master), and input fields for Stacking IP Network (169.254.0.0), Stacking Subnet Mask (255.255.255.0), and VLAN (386). Descriptive text explains that the Master controls stack members and that the IP and mask are private networks for management.
- Stack Candidates:** This section shows devices waiting for approval to join the stack. It contains a table with columns for Mac Address, Name, Learned From, and Firmware. One candidate is listed with Mac Address 00:A0:C8:0C:F8:60, Name 1224ST, Learned From 00:A0:C8:0F:5F:4D, and Firmware 08.01.03. An 'Add' button is present next to the entry.
- Stack Members:** This section lists devices currently in the stack. It contains a table with columns for ID, Name, Platform Name, and State. One member is listed with ID 2, Name 970, Platform Name 970 ICP, and State Up. Action buttons 'Browse', 'Telnet', and 'Delete' are available for each member.

Annotations with arrows point to the Stacking Mode dropdown, the 'Add' button in the Stack Candidates table, and the Stack Members table.