

CISCO - SG 300-20

Standard configuration - 8 DANTE - 2 Wifi

13_01_2014

This configuration is optimized for DANTE. In a mixed traffic production (VoIP, video....) this configuration can require modification. DV2 do not provide consultation service for wider network traffic profile.

QoS

The screenshot displays the Cisco Small Business SG300-20 20-Port Gigabit Managed Switch configuration page. The left sidebar shows the navigation menu with 'Quality of Service' expanded to 'QoS Properties'. The main content area is titled 'QoS Properties' and includes the following elements:

- QoS Mode:** Radio buttons for 'Disable', 'Basic', and 'Advanced' (selected).
- Buttons:** 'Apply' and 'Cancel'.
- Interface CoS Configuration Table:** A table with columns 'Entry No.', 'Interface', and 'Default CoS'. It shows 20 entries, all with a Default CoS of 0. A filter bar above the table reads 'Filter: Interface Type equals to Port Go'. The table is paginated to show 1-20 of 20 items.
- Buttons:** 'Copy Settings...', 'Edit...', and 'Restore Defaults' at the bottom of the table.

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SG300-20 20-Port Gigabit Managed Switch - Windows Internet Explorer

http://192.168.1.254/csc6b64841/home

SG300-20 20-Port Gigabit Ma...

Fichier Edition Affichage Favoris Outils ?

Small Business **cisco** SG300-20 20-Port Gigabit Managed Switch

cisco Language: English Logout About Help

- Getting Started
- Status and Statistics
- Administration
- Port Management
- Smartport
- VLAN Management
- Spanning Tree
- MAC Address Tables
- Multicast
- IP Configuration
- Security
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- Quality of Service**
 - General
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 - Queue**
 - CoS/802.1p to Queue
 - DSCP to Queue
 - Bandwidth
 - Egress Shaping Per Queue
 - VLAN Ingress Rate Limit
 - TCP Congestion Avoidance
 - QoS Basic Mode
 - QoS Advanced Mode
 - QoS Statistics
- SNMP

Queue

Queue Table

Queue	Scheduling Method			
	Strict Priority	WRR	WRR Weight	% of WRR Bandwidth
1	<input checked="" type="radio"/>	<input type="radio"/>	1	
2	<input type="radio"/>	<input type="radio"/>	2	
3	<input type="radio"/>	<input type="radio"/>	4	
4	<input type="radio"/>	<input type="radio"/>	8	

Apply Cancel

Queue 1 has the lowest priority, queue 4 has the highest priority.

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 - QoS Basic Mode
 - QoS Advanced Mode
 - QoS Statistics
- SNMP

DSCP to Queue

DSCP to Queue Table

Ingress DSCP	Output Queue	Ingress DSCP	Output Queue	Ingress DSCP	Output Queue	Ingress DSCP	Output Queue
0 (BE)	1	16 (CS2)	1	32 (CS4)	1	48 (CS6)	1
1	1	17	1	33	1	49	1
2	1	18 (AF21)	1	34 (AF41)	1	50	1
3	1	19	1	35	1	51	1
4	1	20 (AF22)	1	36 (AF42)	1	52	1
5	1	21	1	37	1	53	1
6	1	22 (AF23)	1	38 (AF43)	1	54	1
7	1	23	1	39	1	55	1
8 (CS1)	2	24 (CS3)	1	40 (CS5)	1	56 (CS7)	4
9	1	25	1	41	1	57	1
10 (AF11)	1	26 (AF31)	1	42	1	58	1
11	1	27	1	43	1	59	1
12 (AF12)	1	28 (AF32)	1	44	1	60	1
13	1	29	1	45	1	61	1
14 (AF13)	1	30 (AF33)	1	46 (EF)	3	62	1
15	1	31	1	47	1	63	1

Apply Cancel Restore Defaults

Queue 1 has the lowest priority, queue 4 has the highest priority.

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Priority	Usage	DSCP priority value
High	Time critical clock sync (PTP) packets	56
Medium	Audio packets	46
Low	(reserved)	8
None	Other traffic	0

The screenshot shows the web management interface for a Cisco SG300-20 switch. The browser title is "SG300-20 20-Port Gigabit Managed Switch - Windows Internet Explorer". The address bar shows the URL "http://192.168.1.254/cscfb64841/home.htm". The interface includes a navigation menu on the left with categories like "Getting Started", "Administration", "VLAN Management", "Quality of Service", and "SNMP". The "Quality of Service" section is expanded, showing "Global Settings" selected. The "Global Settings" panel contains the following configuration options:

- Trust Mode:
 - CoS/802.1p
 - DSCP
 - CoS/802.1p-DSCP
- Default Mode Status:
 - Trusted
 - Not Trusted
- Override Ingress DSCP: Enable

At the bottom of the settings panel, there are three buttons: "DSCP Override Table", "Apply", and "Cancel". The footer of the page reads "© 2010-2013 Cisco Systems, Inc. All Rights Reserved."

VLAN

The screenshot shows the Cisco Small Business SG300-20 20-Port Gigabit Managed Switch web interface. The browser window title is "SG300-20 20-Port Gigabit Managed Switch - Windows Internet Explorer". The address bar shows the URL "http://192.168.1.254/csc6b64841/home.htm". The interface includes a navigation menu on the left with categories like Administration, Port Management, Smartport, and VLAN Management. The main content area is titled "Create VLAN" and features a "VLAN Table" with the following data:

<input type="checkbox"/>	VLAN ID	VLAN Name	Type
<input type="checkbox"/>	1		Default
<input type="checkbox"/>	2	Secondary	Static

Below the table are buttons for "Add...", "Edit...", and "Delete". The footer of the page contains the copyright notice: "© 2010-2013 Cisco Systems, Inc. All Rights Reserved."

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CISCO SG300-20 20-Port Gigabit Managed Switch

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 - Create VLAN
 - Interface Settings**
 - Port to VLAN
 - Port VLAN Membership
 - GVRP Settings
 - VLAN Groups
 - Voice VLAN
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 - VLAN Ingress Rate Limit
 - TCP Congestion Avoidan
 - QoS Basic Mode
 - QoS Advanced Mode
 - Global Settings
 - Out of Profile DSCP Map

Interface Settings

Interface Setting Table Showing 1-20 of 20 All per page

Filter: Interface Type equals to Port Go

Entry No.	Interface	Interface VLAN Mode	Administrative PVID	Frame Type	Ingress Filtering
<input type="radio"/>	1	GE1	Access	1	Admit All Enabled
<input type="radio"/>	2	GE2	Access	1	Admit All Enabled
<input type="radio"/>	3	GE3	Access	1	Admit All Enabled
<input type="radio"/>	4	GE4	Access	1	Admit All Enabled
<input type="radio"/>	5	GE5	Access	1	Admit All Enabled
<input type="radio"/>	6	GE6	Access	1	Admit All Enabled
<input type="radio"/>	7	GE7	Access	1	Admit All Enabled
<input type="radio"/>	8	GE8	Access	1	Admit All Enabled
<input type="radio"/>	9	GE9	Access	2	Admit All Enabled
<input type="radio"/>	10	GE10	Access	2	Admit All Enabled
<input type="radio"/>	11	GE11	Access	2	Admit All Enabled
<input type="radio"/>	12	GE12	Access	2	Admit All Enabled
<input type="radio"/>	13	GE13	Access	2	Admit All Enabled
<input type="radio"/>	14	GE14	Access	2	Admit All Enabled
<input type="radio"/>	15	GE15	Access	2	Admit All Enabled
<input type="radio"/>	16	GE16	Access	2	Admit All Enabled
<input type="radio"/>	17	GE17	Access	1	Admit All Enabled
<input type="radio"/>	18	GE18	Access	2	Admit All Enabled
<input type="radio"/>	19	GE19	Access	1	Admit All Enabled
<input type="radio"/>	20	GE20	Access	2	Admit All Enabled

Copy Settings... Edit...

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Port to VLAN

Filter: VLAN ID equals to 2 AND Interface Type equals to Port Go

	GE1	GE2	GE3	GE4	GE5	GE6	GE7	GE8	GE9	GE10	GE11	GE12	GE13	GE14	GE15	GE16	GE17	GE18	GE19	GE20
Access	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Trunk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
General	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Customer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Forbidden	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Excluded	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tagged	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Untagged	<input type="radio"/>	<input type="radio"/>	<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"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Multicast TV VLAN	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PVID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Apply Cancel Port VLAN Membership Table

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STP

Protocol Disabled

Small Business
cisco SG300-20 20-Port Gigabit Managed Switch

Language: English Logout About Help

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Smartport
VLAN Management
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STP Status & Global Settings
STP Interface Settings
RSTP Interface Settings
MSTP Properties
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MSTP Instance Settings
MSTP Interface Settings
MAC Address Tables
Multicast
IP Configuration
Security
Access Control
Quality of Service
SNMP

STP Status & Global Settings

Global Settings

Spanning Tree State: Enable

STP Operation Mode: Classic STP
 Rapid STP
 Multiple STP

BPDU Handling: Filtering
 Flooding

Path Cost Default Values: Short
 Long

Bridge Settings

Priority: (Range: 0 - 61440, Default: 32768)

Hello Time: sec (Range: 1 - 10, Default: 2)

Max Age: sec (Range: 6 - 40, Default: 20)

Forward Time: sec (Range: 4 - 30, Default: 15)

Designated Root

Bridge ID: 32768-08:d0:9f:6d:1d:41

Root Bridge ID: 32768-08:d0:9f:6d:1d:41

Root Port: 0

Root Path Cost: 0

Topology Changes Counts: 0

Last Topology Change: 0D/0H/23M/5S

Apply Cancel

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STP Interface Settings

STP Interface Setting Table

Filter: Interface Type equals to

Entry No.	Interface	STP	Edge Port	Root Guard	BPDU Guard	BPDU Handling	Port Role	Path Cost	Priority	Port State	Designated Bridge ID	Designated P
<input type="radio"/>	1	GE1	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	2	GE2	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	3	GE3	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	4	GE4	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	5	GE5	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	6	GE6	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	7	GE7	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	8	GE8	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	9	GE9	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	10	GE10	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	11	GE11	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	12	GE12	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	13	GE13	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	14	GE14	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	15	GE15	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	16	GE16	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	17	GE17	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	18	GE18	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	19	GE19	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A
<input type="radio"/>	20	GE20	Disabled	Disabled	Disabled	Disabled	Flooding	Disabled	2000000	128	Disabled	N/A

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RSTP Interface Settings

Showing 1-20 of 20 per page

Filter: Interface Type equals to

Entry No.	Interface	Point-to-Point Operational Status	Port Role	Mode	Fast Link Operational Status	Port Status	
<input type="radio"/>	1	GE1	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	2	GE2	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	3	GE3	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	4	GE4	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	5	GE5	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	6	GE6	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	7	GE7	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	8	GE8	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	9	GE9	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	10	GE10	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	11	GE11	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	12	GE12	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	13	GE13	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	14	GE14	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	15	GE15	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	16	GE16	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	17	GE17	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	18	GE18	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	19	GE19	Disabled	Disabled	RSTP	Disabled	Disabled
<input type="radio"/>	20	GE20	Disabled	Disabled	RSTP	Disabled	Disabled

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GREEN ETHERNET Disabled

The screenshot shows the configuration interface for a Cisco SG300-20 20-Port Gigabit Managed Switch. The page title is "Small Business" and "SG300-20 20-Port Gigabit Managed Switch". The language is set to "English". The left sidebar contains a navigation menu with the following items: Getting Started, Status and Statistics, Administration, Port Management (selected), Port Settings, Link Aggregation, Green Ethernet, Properties (highlighted), Port Settings, Smartport, VLAN Management, Spanning Tree, MAC Address Tables, Multicast, IP Configuration, Security, Access Control, Quality of Service, and SNMP.

The main content area is titled "Properties" and contains the following settings:

- Energy Detect Mode: Enable
- Short Reach: Enable
- Port LEDs: Enable
- Power Savings: 80 %
- Cumulative Energy Saved: 0 Watt Hour
- 802.3 Energy Efficient Ethernet (EEE): Enable

At the bottom of the configuration area, there are "Apply" and "Cancel" buttons.

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 - Link Aggregation
 - Green Ethernet
 - Properties
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- IP Configuration
- Security
- Access Control
- Quality of Service
- SNMP

Port Settings

For the functions and/or parameters configured on this page to become effective, you may have to configure the corresponding global parameters on [Properties](#) page.

Global Parameter Status

Energy Detect Mode: Disabled Short Reach Mode: Disabled 802.3 Energy Efficient Ethernet (EEE) Mode: Disabled

Port Setting Table Showing 1-20 of 20 [All](#)

Entry No.	Port	Energy Detect			Short Reach			802.3 Energy Efficient Ethernet						
		Administrative	Operational	Reason	Administrative	Operational	Reason	Cable Length	Administrative	Operational	LLDP Administrative	LLDP Operational	EEE on F	
<input type="radio"/>	1	GE1	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	2	GE2	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	3	GE3	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	4	GE4	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	5	GE5	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	6	GE6	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	7	GE7	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	8	GE8	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	9	GE9	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	10	GE10	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	11	GE11	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	12	GE12	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	13	GE13	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	14	GE14	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	15	GE15	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	16	GE16	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	17	GE17	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	18	GE18	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	19	GE19	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	
<input type="radio"/>	20	GE20	Disabled	Disabled		Disabled	Disabled			Disabled	Disabled	Disabled	Disabled	

Unregistered Multicast (Wifi Friendly) : port1 and port 2

The screenshot shows the configuration page for Unregistered Multicast on a Cisco SG300-20 switch. The left sidebar contains a navigation menu with the following items: Getting Started, Status and Statistics, Administration, Port Management, Smartport, VLAN Management, Spanning Tree, MAC Address Tables, Multicast (expanded), IP Configuration, Security, Access Control, Quality of Service, and SNMP. The Multicast section is further divided into Properties, MAC Group Address, IP Multicast Group Address, IGMP Snooping, MLD Snooping, IGMP/MLD IP Multicast Group, Multicast Router Port, Forward All, and Unregistered Multicast (highlighted).

The main content area is titled "Unregistered Multicast" and features a filter: "Interface Type equals to Port" with a "Go" button. Below the filter is a table of 20 ports (GE1 to GE20) with two rows of radio buttons: "Forwarding" and "Filtering".

Port	GE1	GE2	GE3	GE4	GE5	GE6	GE7	GE8	GE9	GE10	GE11	GE12	GE13	GE14	GE15	GE16	GE17	GE18	GE19	GE20
Forwarding	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Filtering	<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"/>	<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"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

At the bottom of the configuration area are "Apply" and "Cancel" buttons.

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IGMP

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 cisco SG300-20 20-Port Gigabit Managed Switch

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Getting Started
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 MLD Snooping
 IGMP/MLD IP Multicast Group
 Multicast Router Port
 Forward All
 Unregistered Multicast
 IP Configuration
 Security
 Access Control
 Quality of Service
 SNMP

Properties

Bridge Multicast Filtering Status: Enable

VLAN ID: 1

Forwarding Method for IPv6:
 MAC Group Address
 IP Group Address
 Source Specific IP Group Address

Forwarding Method for IPv4:
 MAC Group Address
 IP Group Address
 Source Specific IP Group Address

Apply Cancel

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IGMP Snooping

IGMP Snooping Status: Enable

Apply Cancel

Entry No.	VLAN ID	IGMP Snooping Operational Status	Router IGMP Version	MRouter Ports Auto Learn	Query Robustness	Query Interval (sec)	Query Max Response Interval (sec)	Last Member Query Counter	Last Member Query Interval (msec)	Immediate Leave	IGMP Status
1	1	Disabled	v3	Enabled	2	125	10	2	1000	Disabled	Dis
2	2	Disabled	v3	Enabled	2	125	10	2	1000	Disabled	Dis

Copy Settings... Edit...

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