

在SG350XG和SG550XG交换机的带宽配置

客观

定义两值、入口速率限制和出口整形速率的带宽页enable (event)用户，确定多少数据流系统能接受和发送。

本文目标将显示您如何配置在SG350XG和SG550XG交换机的带宽。

Note:在本文的步骤被执行在先进的显示模式下。更改先进的显示模式，去右上角和选择**先进**在**显示模式**下拉列表。

可适用的设备

- SG350XG
- SG550XG

软件版本

- V2.0.0.73

配置带宽

步骤1.登陆到Web配置工具并且选择**服务质量>General >带宽**。带宽页打开。

Bandwidth									
Bandwidth Table									
Filter: Interface Type equals to <input type="text" value="Port of Unit 1"/> <input type="button" value="Go"/>									
	Entry No.	Interface	Ingress Rate Limit				Egress Shaping Rates		
			Status	Rate Limit (KBits/sec)	%	CBS (Bytes)	Status	CIR (KBits/sec)	CBS (Bytes)
<input type="radio"/>	1	XG1	Disabled				Disabled		
<input type="radio"/>	2	XG2	Disabled				Disabled		
<input type="radio"/>	3	XG3	Disabled				Disabled		
<input type="radio"/>	4	XG4	Disabled				Disabled		
<input type="radio"/>	5	XG5	Disabled				Disabled		
<input type="radio"/>	6	XG6	Disabled				Disabled		
<input type="radio"/>	7	XG7	Disabled				Disabled		
<input type="radio"/>	8	XG8	Disabled				Disabled		
<input type="radio"/>	9	XG9	Disabled				Disabled		
<input type="radio"/>	10	XG10	Disabled				Disabled		
<input type="radio"/>	11	XG11	Disabled				Disabled		
<input type="radio"/>	12	XG12	Disabled				Disabled		
<input type="radio"/>	13	XG13	Disabled				Disabled		
<input type="radio"/>	14	XG14	Disabled				Disabled		
<input type="radio"/>	15	XG15	Disabled				Disabled		
<input type="radio"/>	16	XG16	Disabled				Disabled		
<input type="radio"/>	17	XG17	Disabled				Disabled		
<input type="radio"/>	18	XG18	Disabled				Disabled		
<input type="radio"/>	19	XG19	Disabled				Disabled		
<input type="radio"/>	20	XG20	Disabled				Disabled		
<input type="radio"/>	21	XG21	Disabled				Disabled		
<input type="radio"/>	22	XG22	Disabled				Disabled		
<input type="radio"/>	23	XG23	Disabled				Disabled		
<input type="radio"/>	24	XG24	Disabled				Disabled		

Step 2.在过滤器中：对下拉列表的接口类型等于，选择单元所需的端口或滞后。单元选项端口意味着您选择在一个特定设备的端口在堆栈，并且滞后意味着您选择一个链路聚合组。在您选择了您的期望选项后，请点击去。

Bandwidth Table									
Filter: <i>Interface Type</i> equals to Port of Unit 1 Go									
Entry No.	Interface	Ingress					Egress Shaping Rates		
			Status	Rate Limit (KBits/sec)	%	CBS (Bytes)	Status	CIR (KBits/sec)	CBS (Bytes)
<input checked="" type="radio"/>	1	XG1	Disabled					Disabled	
<input type="radio"/>	2	XG2	Disabled					Disabled	
<input type="radio"/>	3	XG3	Disabled					Disabled	
<input type="radio"/>	4	XG4	Disabled					Disabled	
<input type="radio"/>	5	XG5	Disabled					Disabled	
<input type="radio"/>	6	XG6	Disabled					Disabled	
<input type="radio"/>	7	XG7	Disabled					Disabled	
<input type="radio"/>	8	XG8	Disabled					Disabled	
<input type="radio"/>	9	XG9	Disabled					Disabled	
<input type="radio"/>	10	XG10	Disabled					Disabled	
<input type="radio"/>	11	XG11	Disabled					Disabled	
<input type="radio"/>	12	XG12	Disabled					Disabled	
<input type="radio"/>	13	XG13	Disabled					Disabled	
<input type="radio"/>	14	XG14	Disabled					Disabled	
<input type="radio"/>	15	XG15	Disabled					Disabled	
<input type="radio"/>	16	XG16	Disabled					Disabled	
<input type="radio"/>	17	XG17	Disabled					Disabled	
<input type="radio"/>	18	XG18	Disabled					Disabled	
<input type="radio"/>	19	XG19	Disabled					Disabled	
<input type="radio"/>	20	XG20	Disabled					Disabled	
<input type="radio"/>	21	XG21	Disabled					Disabled	
<input type="radio"/>	22	XG22	Disabled					Disabled	
<input type="radio"/>	23	XG23	Disabled					Disabled	
<input type="radio"/>	24	XG24	Disabled					Disabled	

Note:您将有更多选项(即Portof单元2)，如果有在堆栈的更多单元。

步骤3.点击接口的单选按钮您希望配置带宽设置，然后点击编辑....

Bandwidth Table									
Filter: <i>Interface Type</i> equals to <input type="text" value="Port of Unit 1"/> <input type="button" value="Go"/>									
	Entry No.	Interface	Ingress Rate Limit				Egress Shaping Rates		
			Status	Rate Limit (KBits/sec)	%	CBS (Bytes)	Status	CIR (KBits/sec)	CBS (Byte)
<input checked="" type="radio"/>	1	XG1	Disabled					Disabled	
<input type="radio"/>	2	XG2	Disabled					Disabled	
<input type="radio"/>	3	XG3	Disabled					Disabled	
<input type="radio"/>	4	XG4	Disabled					Disabled	
<input type="radio"/>	5	XG5	Disabled					Disabled	
<input type="radio"/>	6	XG6	Disabled					Disabled	
<input type="radio"/>	7	XG7	Disabled					Disabled	
<input type="radio"/>	8	XG8	Disabled					Disabled	
<input type="radio"/>	9	XG9	Disabled					Disabled	
<input type="radio"/>	10	XG10	Disabled					Disabled	
<input type="radio"/>	11	XG11	Disabled					Disabled	
<input type="radio"/>	12	XG12	Disabled					Disabled	
<input type="radio"/>	13	XG13	Disabled					Disabled	
<input type="radio"/>	14	XG14	Disabled					Disabled	
<input type="radio"/>	15	XG15	Disabled					Disabled	
<input type="radio"/>	16	XG16	Disabled					Disabled	
<input type="radio"/>	17	XG17	Disabled					Disabled	
<input type="radio"/>	18	XG18	Disabled					Disabled	
<input type="radio"/>	19	XG19	Disabled					Disabled	
<input type="radio"/>	20	XG20	Disabled					Disabled	
<input type="radio"/>	21	XG21	Disabled					Disabled	
<input type="radio"/>	22	XG22	Disabled					Disabled	
<input type="radio"/>	23	XG23	Disabled					Disabled	
<input type="radio"/>	24	XG24	Disabled					Disabled	

Copy Settings...

编辑带宽窗口出现：

Interface:	<input checked="" type="radio"/> Unit <input type="text" value="1"/>	<input type="radio"/> Port <input type="text" value="XG1"/>	<input type="radio"/> LAG <input type="text" value="1"/>
Ingress Rate Limit:	<input type="checkbox"/> Enable		
* Ingress Rate Limit:	<input type="text" value="100"/>	KBits/sec (Range: 100 - 10000000, Default: 100)	
* Ingress Committed Burst Size (CBS):	<input type="text" value="128000"/>	Bytes (Range: 3000 - 19173960, Default: 128000)	
Egress Shaping Rate:	<input type="checkbox"/> Enable		
* Committed Information Rate (CIR):	<input type="text" value="64"/>	KBits/sec (Range: 64 - 10000000, Default: 64)	
* Egress Committed Burst Size (CBS):	<input type="text" value="128000"/>	Bytes (Range: 4096 - 16762902, Default: 128000)	
<input type="button" value="Apply"/> <input type="button" value="Close"/>			

Note:当接口类型是滞后，入口速率限制字段不会出现。如果您的接口类型是滞后，请跳到第7步。

第4步：在入口速率限制字段，如果希望对enable (event)入口速率限制，请检查Enable复选框。入口速率限制限制相当数量在接口的流入的数据流。如果不想要对enable (event)它，请跳到第7步。

Interface:	<input checked="" type="radio"/> Unit	1	Port	XG1	<input type="radio"/> LAG	1
Ingress Rate Limit:	<input checked="" type="checkbox"/> Enable					
Ingress Rate Limit:	100	KBits/sec (Range: 100 - 10000000, Default: 100)				
Ingress Committed Burst Size (CBS):	128000	Bytes (Range: 3000 - 19173960, Default: 128000)				
Egress Shaping Rate:	<input type="checkbox"/> Enable					
Committed Information Rate (CIR):	64	KBits/sec (Range: 64 - 10000000, Default: 64)				
Egress Committed Burst Size (CBS):	128000	Bytes (Range: 4096 - 16762902, Default: 128000)				
<input type="button" value="Apply"/> <input type="button" value="Close"/>						

第 5 步：如果选择了对enable (event)在第4步的入口速率限制，请送进在接口允许的期望最大带宽量在**进入速率Limitfield**。最低的数量是100 KBits/sec，并且最大数量是10000000 KBits/sec。

Interface:	<input checked="" type="radio"/> Unit	1	Port	XG1	<input type="radio"/> LAG	1
Ingress Rate Limit:	<input checked="" type="checkbox"/> Enable					
Ingress Rate Limit:	200	KBits/sec (Range: 100 - 10000000, Default: 100)				
Ingress Committed Burst Size (CBS):	128000	Bytes (Range: 3000 - 19173960, Default: 128000)				
Egress Shaping Rate:	<input type="checkbox"/> Enable					
Committed Information Rate (CIR):	64	KBits/sec (Range: 64 - 10000000, Default: 64)				
Egress Committed Burst Size (CBS):	128000	Bytes (Range: 4096 - 16762902, Default: 128000)				
<input type="button" value="Apply"/> <input type="button" value="Close"/>						

第6步。如果选择了对enable (event)在第4步的入口速率限制，请以字节的数据输入期望最大突发流量大小数据为入口接口。可以发送此数量，即使临时地增加在允许的限制之外的带宽。最小射程是3000个字节，并且最大范围是10000000个字节。

Interface:	<input checked="" type="radio"/> Unit	1	Port	XG1	<input type="radio"/> LAG	1
Ingress Rate Limit:	<input checked="" type="checkbox"/> Enable					
Ingress Rate Limit:	200	KBits/sec (Range: 100 - 10000000, Default: 100)				
Ingress Committed Burst Size (CBS):	128000	Bytes (Range: 3000 - 19173960, Default: 128000)				
Egress Shaping Rate:	<input type="checkbox"/> Enable					
Committed Information Rate (CIR):	64	KBits/sec (Range: 64 - 10000000, Default: 64)				
Egress Committed Burst Size (CBS):	128000	Bytes (Range: 4096 - 16762902, Default: 128000)				
<input type="button" value="Apply"/> <input type="button" value="Close"/>						

第 7 步：在**出口整形速率**字段，如果想要对enable (event)流出的数据流的，一限制请检查**Enable复选框**。如果不想要对enable (event)它，请跳到第10步。

Interface:	<input checked="" type="radio"/> Unit	1	Port	XG1	<input type="radio"/> LAG	1
Ingress Rate Limit:	<input checked="" type="checkbox"/> Enable					
Ingress Rate Limit:	200		KBits/sec (Range: 100 - 10000000, Default: 100)			
Ingress Committed Burst Size (CBS):	128000		Bytes (Range: 3000 - 19173960, Default: 128000)			
Egress Shaping Rate:	<input checked="" type="checkbox"/> Enable					
Committed Information Rate (CIR):	64		KBits/sec (Range: 64 - 10000000, Default: 64)			
Egress Committed Burst Size (CBS):	128000		Bytes (Range: 4096 - 16762902, Default: 128000)			
<input type="button" value="Apply"/> <input type="button" value="Close"/>						

第8步。如果选择了对enable (event)在第7步的出口整形速率，请输入输出接口的期望最大带宽在承诺信息速率(CIR)字段。最小数量是64 KBits/sec，并且最大数量是10000000 KBits/sec。

Interface:	<input checked="" type="radio"/> Unit	1	Port	XG1	<input type="radio"/> LAG	1
Ingress Rate Limit:	<input checked="" type="checkbox"/> Enable					
Ingress Rate Limit:	200		KBits/sec (Range: 100 - 10000000, Default: 100)			
Ingress Committed Burst Size (CBS):	128000		Bytes (Range: 3000 - 19173960, Default: 128000)			
Egress Shaping Rate:	<input checked="" type="checkbox"/> Enable					
Committed Information Rate (CIR):	100		KBits/sec (Range: 64 - 10000000, Default: 64)			
Egress Committed Burst Size (CBS):	128000		Bytes (Range: 4096 - 16762902, Default: 128000)			
<input type="button" value="Apply"/> <input type="button" value="Close"/>						

第9步。如果选择了对enable (event)在第7步的出口整形速率，请输入期望最大突发流量大小数据为输出接口在出口承诺突发流量大小(CBS)字段。可以发送此数量，即使临时地增加在允许的限制之外的带宽。最小射程是4096个字节，并且最大范围是16762902个字节。

Interface:	<input checked="" type="radio"/> Unit	1	Port	XG1	<input type="radio"/> LAG	1
Ingress Rate Limit:	<input checked="" type="checkbox"/> Enable					
Ingress Rate Limit:	200		KBits/sec (Range: 100 - 10000000, Default: 100)			
Ingress Committed Burst Size (CBS):	128000		Bytes (Range: 3000 - 19173960, Default: 128000)			
Egress Shaping Rate:	<input checked="" type="checkbox"/> Enable					
Committed Information Rate (CIR):	100		KBits/sec (Range: 64 - 10000000, Default: 64)			
Egress Committed Burst Size (CBS):	180000		Bytes (Range: 4096 - 16762902, Default: 128000)			
<input type="button" value="Apply"/> <input type="button" value="Close"/>						

步骤10.点击适用。带宽设置给运行配置文件被写。

复制的设置

步骤1. 点击您要复制带宽配置从接口的单选按钮。然后请点击“Copy”设置...

Bandwidth Table									
Filter: Interface Type equals to Port of Unit 1 <input type="button" value="Go"/>									
Entry No.	Interface	Ingress Rate Limit					Egress Shaping Rates		
		Status	Rate Limit (KBits/sec)	%	CBS (Bytes)	Status	CIR (KBits/sec)	CBS (Bytes)	
<input checked="" type="radio"/>	1	XG1	Enabled	200	0.002	128000	Enabled	100	180000
<input type="radio"/>	2	XG2	Disabled				Disabled		
<input type="radio"/>	3	XG3	Disabled				Disabled		
<input type="radio"/>	4	XG4	Disabled				Disabled		
<input type="radio"/>	5	XG5	Disabled				Disabled		
<input type="radio"/>	6	XG6	Disabled				Disabled		
<input type="radio"/>	7	XG7	Disabled				Disabled		
<input type="radio"/>	8	XG8	Disabled				Disabled		
<input type="radio"/>	9	XG9	Disabled				Disabled		
<input type="radio"/>	10	XG10	Disabled				Disabled		
<input type="radio"/>	11	XG11	Disabled				Disabled		
<input type="radio"/>	12	XG12	Disabled				Disabled		
<input type="radio"/>	13	XG13	Disabled				Disabled		
<input type="radio"/>	14	XG14	Disabled				Disabled		
<input type="radio"/>	15	XG15	Disabled				Disabled		
<input type="radio"/>	16	XG16	Disabled				Disabled		
<input type="radio"/>	17	XG17	Disabled				Disabled		
<input type="radio"/>	18	XG18	Disabled				Disabled		
<input type="radio"/>	19	XG19	Disabled				Disabled		
<input type="radio"/>	20	XG20	Disabled				Disabled		
<input type="radio"/>	21	XG21	Disabled				Disabled		
<input type="radio"/>	22	XG22	Disabled				Disabled		
<input type="radio"/>	23	XG23	Disabled				Disabled		
<input type="radio"/>	24	XG24	Disabled				Disabled		

Settings窗口的复制出现：

Copy configuration from entry 1 (XG1)

to: (Example: 1,3,5-10 or: XG1,XG3-XG5)

Step 2. 在对字段，请输入您要复制所选的端口的设置的端口或端口范围。然后单击 Apply。

Copy configuration from entry 1 (XG1)

to: (Example: 1,3,5-10 or: XG1,XG3-XG5)