RV130和RV130W上的VLAN成员

目标

VLAN是一组配置为充当单个网络的设备。VLAN中的设备无需位于同一个LAN中。接入端口 通常没有标记,这意味着只有一个VLAN通过该接口。根据802.1Q标准,如果要标识不同的 VLAN,需要将VLAN标识标记添加到帧中。如果您希望多个VLAN通过一个交换机接口,则需 要通过在思科交换机上配置中继端口来标记这些VLAN。排除的端口未标识为VLAN的成员。

本文档的目的是向您展示如何在RV130和RV130W上添加VLAN。

适用设备

·RV130 · RV130W

VLAN成员资格设置

步骤1.使用路由器配置实用程序选**择Networking > LAN > VLAN Membership**。*VLAN Membership*页面打开:

VLAN Me	VLAN Membership									
Create VLAN Up to four VL	Create VLANs and assign the Outgoing Frame Type. Up to four VLANs total can be created. VLAN IDs must be in the range (3 - 4094)									
VLANs Set	VLANs Setting Table									
Select	VLAN ID	Description	Port 1	Port 2	Port 3	Port 4				
	1 Default Untagged Untagged Untagged Untagged Untagged									
Add Row Edit Delete										
Save	Cancel									

步骤2.在VLAN成员资格页中,单击添加行以添加VLAN。

/LAN Membership									
Create VLAN Up to four VL	Create VLANs and assign the Outgoing Frame Type. Up to four VLANs total can be created. VLAN IDs must be in the range (3 - 4094)								
VLANs Set	VLANs Setting Table								
Select	VLAN ID	Description	Port 1	Port 2	Port 3	Port 4			
	1	Default	Untagged	Untagged	Untagged	Untagged			
Add Row	Add Row Edit Delete								
Save	Save Cancel								

步骤3.在VLAN ID字段中输入新VLAN的VLAN ID。ID必须在(3-4094)范围内。

VLAN Membership Create VLANs and assign the Outgoing Frame Type. Up to four VLANs total can be created. VLAN IDs must be in the range (3 - 4094)							
VI ANs Set	tting Table	ear or delete.					
Select	VLAN ID	Description	Port 1	Port 2	Port 3	Port 4	
	1	Default	Untagged	Untagged	Untagged	Untagged	
	100	test	Tagged 💌	Tagged 👻	Tagged 👻	Tagged 👻	
Add Row	/ Edit	Delete					
Save							
0.00							

步骤4.在说明字段中输入新VLAN的说明。

VLAN Me	mbership							
Create VLANs and assign the Outgoing Frame Type. Up to four VLANs total can be created. VLAN IDs must be in the range (3 - 4094) You must save before you can edit or delete.								
VLANs Set	tting Table							
Select	VLAN ID	Description	Port 1	Port 2	Port 3	Port 4		
	1	Default	Untagged	Untagged	Untagged	Untagged		
	100	test	Tagged 💌	Tagged 👻	Tagged 👻	Tagged 👻		
Add Row	/ Edit	Delete						
Save	Cancel							

步骤5.从相应的下拉列表中选择每个端口的类型。

VLAN Me	mbership							
Create VLANs and assign the Outgoing Frame Type. Up to four VLANs total can be created. VLAN IDs must be in the range (3 - 4094) You must save before you can edit or delete.								
VLANs Set	tting Table							
Select	VLAN ID	Description	Port 1	Port 2	Port 3	Port 4		
	1	Default	Untagged	Untagged	Untagged	Untagged		
Add Row	V Edit	Delete	Tagged Untagged Tagged Excluded	Tagged 👻	Tagged 👻	Tagged 👻		
Save	Cancel							

可用选项定义如下:

·已标记 — 指定已标记给定VLAN和端口之间的关联。此端口上的入口流量将根据帧中标记上的信息转发到给定VLAN。标记关联后,此端口上的出口流量将保留VLAN标记。

·未标记 — 指定给定VLAN和端口之间的关联未标记。来自此VLAN端口的出口流量也是无标记的。当端口未标记时,进入此端口的入口流量将转发到VLAN与端口的无标记关联。

·排除 — 指定给定VLAN和端口之间没有关联。此端口不允许入口和出口流量。

步骤6.单击Save保存更改。

VLAN Me Create VLAN Up to four VL You must sav	mbership Is and assign the ANs total can be re before you can	Outgoing Frame Type. e created. VLAN IDs must be in the edit or delete.	range (3 - 4094)					
VLANs Set	tting Table							
Select	VLAN ID	Description	Port 1	Port 2	Port 3	Port 4		
	1	Default	Untagged	Untagged	Untagged	Untagged		
			Tagged 💌	Tagged 👻	Tagged 👻	Tagged 👻		
Add Row	Add Row Edit Delete							
Save	Cancel							

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