

在Sx500系列堆叠式交换机上配置第2层的IPv4接口

目标

IPv4 接口页允许用户选择设备是通过DHCP动态接收IP地址还是静态接收用户定义的IP地址。如果交换机没有运行DHCP服务器，则需要静态分配IP地址。

本文档旨在向您展示如何根据您的要求静态或动态配置IPv4接口。

适用设备

·Sx500系列堆叠式交换机

软件版本

·1.3.0.62

动态IPv4配置

步骤1.登录到Web配置实用程序，然后选择Administration > Management Interface > IPv4 Interface。“IPv4 接口”页打开。

步骤2.从Management VLAN下拉列表中选择要用作管理VLAN的VLAN。默认情况下，管理VLAN为1。

IPv4 Interface

Management VLAN: 1

IP Address Type: Dynamic Static

* IP Address: 192.168.1.254

* Mask: Network Mask 255.255.255.0 Prefix Length (Range: 8 - 30)

Administrative Default Gateway: User Defined None

Operational Default Gateway:

Renew IP Address Now: Enable

Auto Configuration via DHCP: Enabled

Apply Cancel

步骤3.在IP Address Type字段中单击“动态”(Dynamic)。

IPv4 Interface

Management VLAN: 1

IP Address Type: Dynamic Static

* IP Address: 192.168.1.254

* Mask: Network Mask 255.255.255.0 Prefix Length (Range: 8 - 30)

Administrative Default Gateway: User Defined None

Operational Default Gateway:

Renew IP Address Now: Enable

Auto Configuration via DHCP: Enabled

Apply Cancel

第4步。(可选)选中Renew IP Address Now (立即续约IP地址) 字段中的Enable复选框，以在此时续约IP地址。

IPv4 Interface

Management VLAN: 1

IP Address Type: Dynamic Static

* IP Address: 192.168.1.254

* Mask: Network Mask 255.255.255.0 Prefix Length (Range: 8 - 30)

Administrative Default Gateway: User Defined None

Operational Default Gateway:

Renew IP Address Now: Enable

Auto Configuration via DHCP: Enabled

Apply Cancel

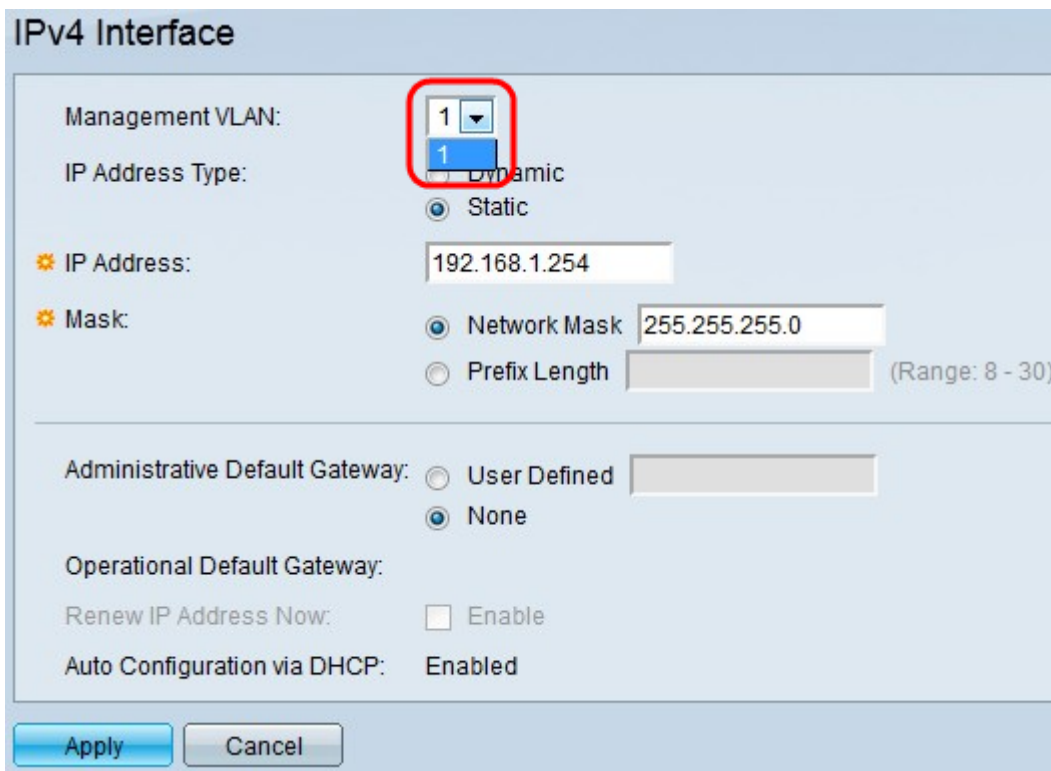
步骤5.单击“应用”。

静态IPv4配置

步骤1.登录到Web配置实用程序，然后选择Administration > Management Interface > IPv4 Interface。“IPv4接口”页打开。

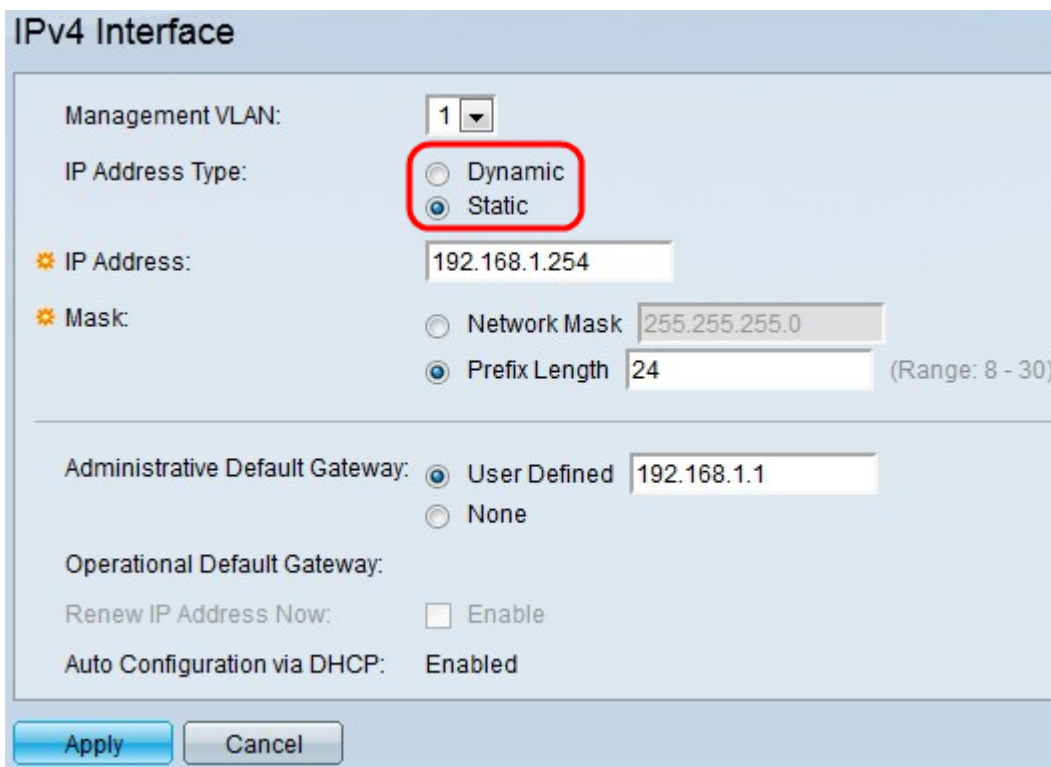
步骤2.从Management VLAN下拉列表中选择要用作管理VLAN的VLAN。默认情况下，管理

VLAN为1。



The screenshot shows the 'IPv4 Interface' configuration window. The 'Management VLAN' dropdown is set to '1'. The 'IP Address Type' section has 'Dynamic' selected with an unchecked radio button and 'Static' selected with a checked radio button. The 'IP Address' field contains '192.168.1.254'. The 'Mask' section has 'Network Mask' selected with a checked radio button and 'Prefix Length' selected with an unchecked radio button. The 'Network Mask' field contains '255.255.255.0'. The 'Administrative Default Gateway' section has 'User Defined' selected with an unchecked radio button and 'None' selected with a checked radio button. The 'Operational Default Gateway' field is empty. The 'Renew IP Address Now' checkbox is unchecked. The 'Auto Configuration via DHCP' checkbox is checked. At the bottom, there are 'Apply' and 'Cancel' buttons.

步骤3.在IP Address Type字段中单击Static(静态)。



The screenshot shows the 'IPv4 Interface' configuration window. The 'Management VLAN' dropdown is set to '1'. The 'IP Address Type' section has 'Dynamic' selected with an unchecked radio button and 'Static' selected with a checked radio button. The 'IP Address' field contains '192.168.1.254'. The 'Mask' section has 'Network Mask' selected with an unchecked radio button and 'Prefix Length' selected with a checked radio button. The 'Network Mask' field contains '255.255.255.0'. The 'Prefix Length' field contains '24'. The 'Administrative Default Gateway' section has 'User Defined' selected with a checked radio button and 'None' selected with an unchecked radio button. The 'Operational Default Gateway' field contains '192.168.1.1'. The 'Renew IP Address Now' checkbox is unchecked. The 'Auto Configuration via DHCP' checkbox is checked. At the bottom, there are 'Apply' and 'Cancel' buttons.

步骤4.在IP Address字段中输入IPv4接口的IP地址。

IPv4 Interface

Management VLAN: 1

IP Address Type: Dynamic Static

IP Address: 192.168.1.254

Mask: Network Mask 255.255.255.0 Prefix Length 24 (Range: 8 - 30)

Administrative Default Gateway: User Defined 192.168.1.1 None

Operational Default Gateway:

Renew IP Address Now: Enable

Auto Configuration via DHCP: Enabled

Apply Cancel

步骤5.从“掩码”字段单击所需掩码类型的单选按钮。

IPv4 Interface

Management VLAN: 1

IP Address Type: Dynamic Static

IP Address: 192.168.1.254

Mask: Network Mask 255.255.255.0 Prefix Length 24 (Range: 8 - 30)

Administrative Default Gateway: User Defined 192.168.1.1 None

Operational Default Gateway:

Renew IP Address Now: Enable

Auto Configuration via DHCP: Enabled

Apply Cancel

·网络掩码 — 输入步骤4中输入的IP地址的子网掩码。

·前缀长度 — 输入步骤4中输入的IP地址的前缀长度。前缀长度是地址中的网络位数（例如B类地址为16或C类地址为24）。

步骤6.在Administrative Default Gateway（管理默认网关）字段中单击所需的单选按钮，该字段用于访问Web配置实用程序的设备。

IPv4 Interface

Management VLAN:

IP Address Type: Dynamic
 Static

✱ IP Address:

✱ Mask: Network Mask
 Prefix Length (Range: 8 - 30)

Administrative Default Gateway: User Defined
 None

Operational Default Gateway:

Renew IP Address Now: Enable

Auto Configuration via DHCP: Enabled

·用户定义 — 在字段中输入所需的默认网关IP地址。

·无 — 此选项选择不具有任何默认网关IP地址。

步骤7.单击“应用”。