

How to connect a Layer 3 switch to a gateway

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The Layer 3 that we refer to in this article is sometimes called the "Routing" layer. ... In this article, I'm going to walk you through setting up a network with three VLANs, each using different subnets, and ...

First step on any Layer 3 switch is to create the necessary VLANs. By default, VLAN1 exists on every switch. VLAN1 is also known as the Management VLAN and it's highly advisable ...

Follow these steps to create a Layer 3 interface. You can create a VLAN interface, a loopback interface, a routed port or a port-channel interface according to your needs.

Layer 3 switches provide the routing function, which indicates a network-layer function in the OSI model. Layer 3 switches can work at Layer 2 and Layer 3 and be deployed at the access ...

This article outlines a basic example of how layer 3 routing functionality on MS series switches could be implemented. Before proceeding, please refer to the Layer 3 Switch Overview for general information ...

To enable communication between VLANs, you need to configure a virtual interface for each VLAN on the layer 3 switch. Default gateway is the IP address of a device that enables ...

Introduction Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Step 7 Step 8 Step 9 Before you configure the Layer 3 switch, create static routes in the gateway router to each of the new subnets. In this example, my gateway router uses a LAN subnet of 192.168.199.0, so I need to create static routes on the router to the 192.168.7.0 and 192.168.8.0 subnets. Note, some Layer 3 switches may support using routing protocols such as RIP ... See more on smallnetbuilder .b_imgcap_altitle p strong, .b_imgcap_altitle .b_factrow strong{color:#767676}#b_results .b_imgcap_altitle{line-height:22px}.b_imgcap_altitle{display:flex;flex-direction:row-reverse;gap:var(--mai-smtc-padding-card-nested-default)}.b_imgcap_altitle .b_imgcap_img{flex-shrink:0;display:flex;flex-direction:column}.b_imgcap_altitle .b_imgcap_main{min-width:0;flex:1}.b_imgcap_altitle .b_imgcap_img>div,.b_imgcap_altitle .b_imgcap_img a{display:flex}.b_imgcap_altitle .b_imgcap_img .b_imgcap_img{border-radius:var(--mai-smtc-corner-card-default)}.b_hList img{display:block}.b_imagePair ner

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erlay{z-index:8;background-color:#000;opacity:.6;position:fixed;top:0;left:0;width:100%;height:100%}ui
Layer 3 Routing - Ubiquiti Help CenterLayer 3 Routing allows a UniFi Switch to route traffic between
VLANs and to other destinations using static routes. It is possible use L3 Routing with a UniFi ...

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Layer 3 switches typically support two configuration options to enable IPv4 routing inside the switch, specifically to enable IPv4 on switch interfaces. This section explains one option, an option that uses ...

Layer 3 Routing allows a UniFi Switch to route traffic between VLANs and to other destinations using static routes. It is possible use L3 Routing with a UniFi Gateway or third-party gateway.

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The above feature means that you can implement Layer 3 functionality in your network without using a regular router. If you don't have a Layer3 switch available, you can also configure InterVLAN routing ...

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