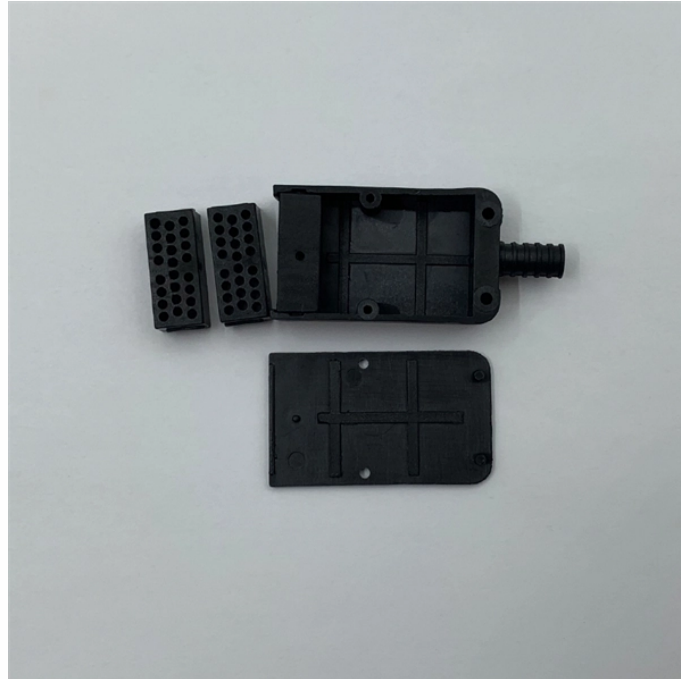


# How to connect the three switches in the core layer



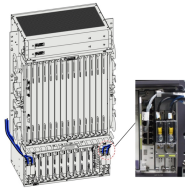
## Overview

In this lesson, we will learn to configure a multilayer switch (also called Layer 3 switch) to perform inter-VLAN routing, which was previously done using an actual router. Multilayer switches can forward frames based on MAC address information and can also. I have three GS752TP-200EUS Netgear switches and I'm looking for the most efficient way to connect these together. I was planning to setup LAG between the three switches using the SFP ports to bundle two or more ports together as the uplink and cascade down. The core layer is the backbone of the network. The distribution layer connects the access layer to the core layer.

## How to connect the three switches in the core layer



The three-tier (or three-layer) hierarchical model is a Cisco-advocated network design that divides an enterprise LAN into three distinct layers: the Access Layer, the Distribution Layer, and the ...



Comprehensive guide to Core, Distribution, and Access Switches. Roles in the network and important parameters explained.



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Use Layer 3 links between the distribution and core switches to allow for fast convergence and load balancing. Build Layer 3 triangles, not squares as shown in Figure 3-7.



The following image shows how the core switches connect the distribution switches. Unlike the access and distribution layers, the core layer provides fewer services.



One simple and popular switch design scenario will be shown in the following tutorial. This scenario will fit most SMB networks (or even bigger ones) that have a few layer 2 VLANs and consequently a few ...



I have to plan a campus network, so I used the cisco 3-Layer hierarchial model and I got stuck in Core Layer. I'm using there multilayer switches (3650s) and I know from this document I ...



I have three GS752TP-200EUS Netgear switches and I'm looking for the most efficient way to connect these together. I was planning to setup LAG between the three switches using the ...



Each aggregation switch requires 5x100-GbE links to the other switches. With the use of a core layer, each aggregation switch only needs 2x100-GbE links, and the core layer is the only place where you ...



In this lesson, we will learn to configure a multilayer switch (also called Layer 3 switch) to perform inter-VLAN routing, which was previously done using an actual ...

## Contact Us

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