

# OSPF between core switches and routers



## Overview

This guide provides a step-by-step setup for OSPF between two routers. Each router has a WAN connection, a unique LAN network, and a shared internal peering network. The routes of the unique LAN networks and any new networks should be automatically shared between the two. So let's say I have just 2x Cat4k or 6k that I would like to enable OSPF between (one acts as Core switch where routing for access switches is done and other will be used for access and a bit of a backup, therefore won't be configured for HA), is it probably best to keep it simple and do ospfv2. Follow these steps and example to configure OSPF at the organization and site level. OSPF is an interior gateway protocol (IGP) that routes packets within a single autonomous system (AS). OSPF uses link-state information to make routing decisions, making route calculations using the. OSPF is mostly used between a Core switch and downstream OSPF enabled devices like distribution switches, firewalls, etc. This will not be. Cisco Meraki layer-3 MS switches support the use of the OSPF routing protocol to advertise its subnets to neighboring OSPF-capable layer 3 devices.

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In conclusion, while OSPF is a widely used protocol for establishing adjacencies between core switches and downstream devices like distribution switches and firewalls, it can encounter issues when used ...



This chapter provides details on how to configure OSPF on HP routing switches using the CLI and Web management interface.



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It is ideal to run this topology with a dynamic routing protocol (e.g. OSPF) between your access and core switches. The main idea is that physical ports on your access switch (es) will each ...



This tutorial explains OSPF configuration and concepts in detail through packet tracer examples.



Follow these steps and example to configure OSPF at the organization and site level.



In the diagram below, OSPF adjacencies are formed between the two core switches and between each core switch and RSVDC-FW1-1, which is the active member of the firewall cluster pair.



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If you are connecting 2 switches there might be some consideration of whether to implement a dynamic routing protocol or whether to just use static routes for the remote subnets. ...



OSPF may be desirable in more complex network topologies with a layered switch distribution, where static routes are not ideal. This article outlines the OSPF implementation and configuration options ...

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