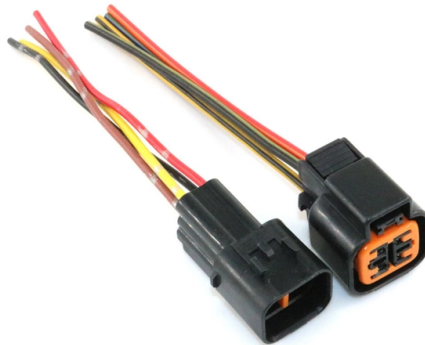


## One access point connected to two switches



### AI Overview

A single access point can be connected to two switches, but it requires careful configuration to avoid network loops and ensure proper traffic flow.

**Feasibility and Considerations** Connecting one AP to two switches is technically possible, but it is not a standard practice unless you implement redundancy or link aggregation. Simply connecting both switches to the AP without proper configuration can create a layer 2 loop, which may cause broadcast storms and network instability. To safely connect an AP to two switches, you should consider:

- Spanning Tree Protocol (STP):** Ensure STP is enabled on the switches to prevent loops if both links are active.
- Link Aggregation (LACP):** If the AP supports multiple uplinks, you can configure link aggregation to combine the two connections for higher throughput and redundancy.
- VLAN Configuration:** If the AP is serving multiple SSIDs mapped to different VLANs, both switches must carry the appropriate VLANs via trunk ports to maintain network segmentation.

**Practical Deployment** Most APs are connected to a single switch via Ethernet, often using PoE to provide both power and data. If redundancy is required:

- Use two switches with STP and connect the AP to one switch primarily, with the second link as a backup.
- Alternatively, deploy two APs instead of one, each connected to a separate switch, which improves coverage and avoids single points of failure.

**AP Configuration Tips**

- Single SSID across multiple APs:** If you want seamless roaming, configure the same SSID on multiple APs, but each AP should connect to a single switch or properly trunked switches.
- DHCP Considerations:** Only one device should handle DHCP to avoid IP conflicts. If the AP has DHCP capabilities, disable it when connecting to a network with an existing DHCP server.
- Channel Planning:** Use non-overlapping channels for multiple APs to reduce interference and optimize performance.

## Article Content

### WiFi Network with Multiple Access Points for Seamless

Setting up a WiFi network with multiple access points (APs). In this guide, we'll take you through the step-by-step process of configuring a multiple-AP WiFi system

How to configure this network: multiple wireless access points acting ...

All 3 of the wireless access points are actually wireless routers. If I put them in router mode and connect as shown below, how do I set up the routing and firewall rules so the devices attached

### Networking Products and Solutions

How do I configure and manage Cisco networking devices? Use technical documents and Cisco Validated design guides to get step-by-step information

### Communication through Multiple Switches

Communication through multiple switches is similar to communication through one switch. This article illustrates exactly how it works using two switches.

Using multiple APs directly connected to router

Two Satellites connect directly, Main Deco goes through the unmanaged 8-port gigabit switch (TEG-S80g) which is connected to the router. I've been running this setup for about 3 years now.

### Configuring Access Points for Two Separate Networks

Yes the APs must be connected to trunk ports on the switch. The APs must all be on the same AP management VLAN (which will be the native VLAN on the AP trunk ports) and they will

### Multiple Wireless Access Points On The Same Network

There are best practices that need to be followed when deploying multiple wireless access points on the same network, learn more on our blog!

How to setup two Cisco Wireless Access Point to be seen as one with ...

Does someone can tell me how to configure properly these wireless access point to be seen as one with automatic/hidden switch between one to other when a wireless device is closer ?

### Connecting an access point to a switch

Connecting access points to switches is perfectly acceptable. Does the AP have a DHCP server turned on that might be interfering with the legitimate DHCP server. Does the AP have any

Wiring two access points with one modem

For each of the devices, which should be set to Access Point only? I.e. which should have the switch feature turned off? The switch feature doesn't matter. Both Ethernet switches and Wi-Fi

Results for "dexter postal shop" :: Steam Community

Sort by: Relevance Time Results for "dexter postal shop" Showing 1-8 of 8 entries In forum " Deutsches Forum " 27 Spiele geschnitten obwohl ich aus Österreich bin Apr 2, 2017 @ 1:28pm Dexter

Connect 2 switches together through Access port or Trunk

Hi Everyone, We need to connect 2 switches together and have 2 options for them:-  
1. Use access port on both sides 2. Use trunk port on both

Hello, all. First post. I have a new Linksys router (shaped like a skyscraper, white--but I can get the type/model if needed), and 2 wireless access points, a LAPAC1200 and LAPAC 1750,

How Can I Combine a Switch and Wireless Access Point?

Wondering if you can connect a network switch with a wireless access point (WAP)?  
Learn step-by-step setup instructions.

2 Routers connected to a switch in a single network

At home I have the following setup - a tp-link switch modem connected to the internet and 2 routers (both AX53 3000), connected to that switch. I want to set them up in such a way that both

Connecting two wired switches with wifi + using access point

Hello ok, im really stumped ive read up on access points, bridges, repeaters, wda, ap client mode etc all that stuff but still cant work out what to do with my network basicly here is my

Multiple access points / Switching issues

One of those access points is a router (TP-Link WR1043 v2) while the other one is just an access point (TP-Link WA901ND). Both have different ssids. Now I've got 2 problems with this setup:

Solved: Number of APs per access switch

Hi, is there any rule of thumb how many access points (AP) can be connected to one access switch?

Basics of Computer Networking

Computer network is a collection of interconnected devices that communicate with each other to exchange data and resources. It enables efficient communication and supports services like

How to have multiple access points and one ssid for

The most common deployment of access points is a backhaul with some type of UTP (Cat6, Cat5e, etc.) to a switch (or multiple switches) as this

Access Point and Network Switch Combined : r/HomeNetworking

I would like to set up 4 Access points and network switches in different rooms/areas of the house. Looking throughout this subreddit I have not found a good all-in-one setup for an access point and

Can I use a switch with a wifi access point? : r/HomeNetworking

If you connect the same switch to the router twice, or you connect one switch to another twice, you will loop your network and create all kinds of chaos if not bring it down completely. Two switches is fine,

Building a home network with multiple access points

Topology and Scenario: In a typical seamless roaming network setup, you'll have a gateway connected to a switch, which then connects to multiple APs. Clients (users) connect

Can I use a switch with a wifi access point? : r/HomeNetworking

I'm using two WiFi routers in my home, both in AP mode and plugged into separate gigabit ethernet switches, which are also connected to my separate router/firewall device.

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.dknconsulting.co.za>

Email: [info@dknconsulting.co.za](mailto:info@dknconsulting.co.za)

Phone: +31 6 2948 7351

Address: Herengracht 123, 1015 BT Amsterdam, Netherlands

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