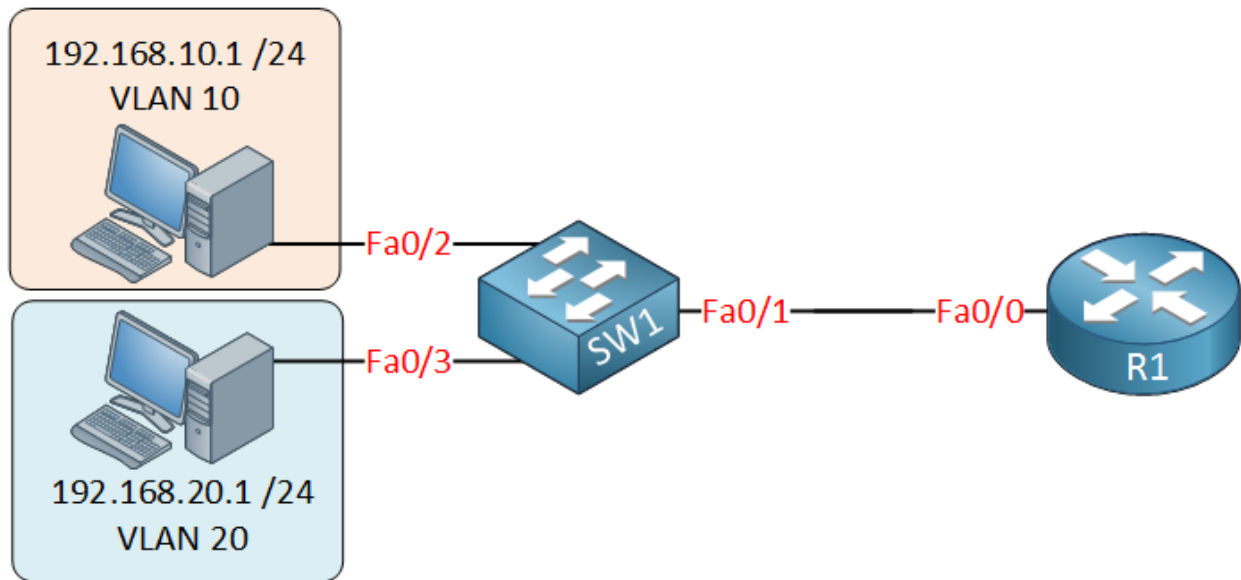


How to configure Router on a Stick

If you are familiar with switches and VLANs you might know that you require a router if you want to communicate between VLANs.

This is the topology we'll use:



On the switch we have VLAN 10 and VLAN 20 and there's only a single cable between the router and switch. The router needs access to both VLANs so the link between the router and switch will be a trunk!

It's possible to create **sub-interfaces** on a router. These are virtual interfaces and on each sub-interface we can configure an IP address, basically it looks like this: