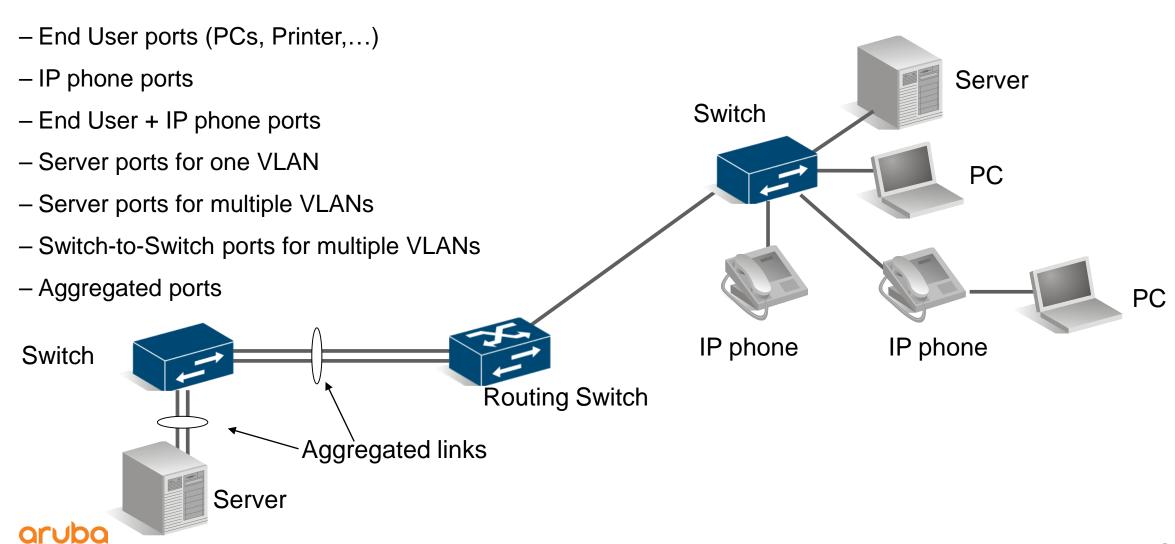


Switch Port Roles



Terminology Differences

Switch Port Role	ArubaOS-Switch	Cisco
End nodes: PCs, printers, and so on	Untagged port	Access port
PC + IP Phone	Untagged in data VLAN; tagged in voice VLAN	Access port with auxiliary VLAN (voice)
Switch-to-switch with multiple VLANs	Tagged port	Trunk port
Link aggregation	Trunk port	Port channel interface



VLAN Configuration Comparison

- Switch-to-Switch connection

ArubaOS-Switch	Cisco
vlan 1 untagged a1	<pre>interface GigabitEthernet 1/20 switchport</pre>





VLAN Configuration Comparison

- Switch-to-End Node connection

ArubaOS-Switch	Cisco
vlan 10 untagged a1	<pre>interface GigabitEthernet 1/10 switchport</pre>





Static Aggregated Ports

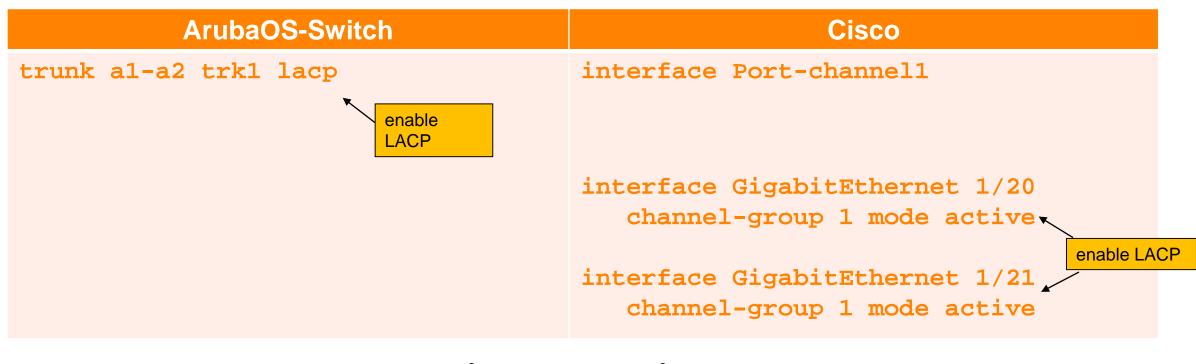
ArubaOS-Switch	Cisco
trunk a1-a2 trk1 trunk	interface Port-channel1 Automatically created
	interface GigabitEthernet 1/20 channel-group 1 mode on Here we do not use dynamic aggregation protocols like LACE
	interface GigabitEthernet 1/21 channel-group 1 mode on
	Order of configuration:
	1. Physical Interface 2. Port Channel Interface





Dynamic Aggregated Ports using LACP

IEEE 802.1AX (former 802.3ad)









Thank you

Contact information