

iWay

Recently we were connected by [swl](#) to the fiber network and I switched from [upc](#), finally getting rid of the enforced router, finally the era of synchronous connectivity started.

SG300-10



The setup is refreshingly simple, I added an SFP modul (FLEXOPTIX S.B1312.10.XDL) to the Cisco SG300-10 switch I used before, that was all. With my new provider [iWay](#) it was not even necessary to configure a specific VLAN.

On there [website](#) they say you need a `Simplex TX 1310nm/RX 1490nm BiBi SFP` Module.

The SFP module is connected to port 9 on the switch, port 10 goes to my [OPNsense](#) router. Ports 9 and 10 are on the same VLAN, just via access ports to separate the traffic.

Port VLAN Membership Table					
Filter: <i>Interface Type</i> equals to <input type="text" value="Port"/> <input type="button" value="Go"/>					
	Interface	Mode	Administrative VLANs	Operational VLANs	LAC
<input type="radio"/>	GE1	Access	55UP	55UP	
<input type="radio"/>	GE2	Access	55UP	55UP	
<input type="radio"/>	GE3	Access	55UP	55UP	
<input type="radio"/>	GE4	Trunk	1T, 40T, 50T, 51UP, 55T, 60T, 110T, 120T, 130T, 1000T...	1T, 40T, 50T, 51UP, 55T, 60T, 110T, 120T, 130T, 1000T...	
<input type="radio"/>	GE5	Access	55UP	55UP	
<input type="radio"/>	GE6	Access	55UP	55UP	
<input type="radio"/>	GE7	Access	55UP	55UP	
<input type="radio"/>	GE8	Trunk	1T, 40T, 50T, 51UP, 55T, 60T, 110T, 120T, 130T, 1000T...	1T, 40T, 50T, 51UP, 55T, 60T, 110T, 120T, 130T, 1000T...	
<input type="radio"/>	GE9	Access	55UP	55UP	
<input type="radio"/>	GE10	Access	55UP	55UP	

Port 8 gets internet from the router and distributes it to port 4, my office switch.

OPNsense WAN

This is the WAN configuration I use [WAN](#)

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