

Switch-Config WaWa

Netzwerkschrank OG

Core-Router

Physikalische Interfaces

Port	Hardware	Verwendung
ether1	1GbE	Management
ether2	1GbE	Uplink 1
ether3	1GbE	Uplink 2
ether4	1GbE	Telefonanlage
ether5	1GbE	Trunk EG (?)
ether6	1GbE	Trunk OG (?)
ether7	1GbE	
combo1	Combo	
sfp-sfpplus1	SFP+: DA	Trunk OG

Logische Interfaces

TODO

Access-Switch OG1 (Switch 11)

10.4.100.111

swOS **2.12p**

Port	Hardware	Name	VLAN-Mode	VLAN ID	VLAN Beschreibung	PoE-Mode	PoE-Voltage	Kommentar
Port1	1GbE	Port1-Admin	only untagged	100	vlan_Admin	off		
Port2	1GbE	Port2-Admin	any	1		off		
Port3	1GbE	Port3-Server	only untagged	110	vlan_Server	off		
Port4	1GbE	Port4-Server	only untagged	110	vlan_Server	off		
Port5	1GbE	Port5-Server	only untagged	110	vlan_Server	off		
Port6	1GbE	Port6-Server	only untagged	110	vlan_Server	off		
Port7	1GbE	Port7-Server	only untagged	110	vlan_Server	off		
Port8	1GbE	Port8-Server	only untagged	110	vlan_Server	off		
Port9	1GbE	Port9-ELZPCFT1	only untagged	111	vlan_ELZ	off		PC Funktisch 1
Port10	1GbE	Port10-ELZPCFT2	only untagged	111	vlan_ELZ	off		PC Funktisch 2

Port	Hardware	Name	VLAN-Mode	VLAN ID	VLAN Beschreibung	PoE-Mode	PoE-Voltage	Kommentar
Port11	1GbE	Eth11-ELZPCFT3	only untagged	111	vlan_ELZ	off		PC Funktisch 3
Port12	1GbE	Eth12-ELZPCILS1	only untagged	111	vlan_ELZ	off		ILS PC ELZ
Port13	1GbE	Eth13-ELZNetz	only untagged	111	vlan_ELZ	off		ELZ-Netz Reserve
Port14	1GbE	Port14-WLAN	any	150	vlan_WLAN-Infra	auto	auto	WLAN Infrastruktur
Port15	1GbE	Eth15-TelLage2	only untagged	121	vlan_VoIP	auto	auto	Telefon Lageraum 2
Port16	1GbE	Eth16-TelLage1	only untagged	121	vlan_VoIP	auto	auto	Telefon Lageraum 1
Port17	1GbE	Eth17-TelFunk3	only untagged	121	vlan_VoIP	auto	auto	Telefon Funktisch 3
Port18	1GbE	Eth18-TelFunk2	only untagged	121	vlan_VoIP	auto	auto	Telefon Funktisch 2
Port19	1GbE	Eth19-TelFunk1	only untagged	121	vlan_VoIP	auto	auto	Telefon Funktisch 1
Port20	1GbE	Port20-TAVoIP	only untagged	121	vlan_VoIP	off		Telefonanlage am VoIP-Netz
Port21	1GbE	Port21-Cam	only untagged	171	vlan_Videoueberwachung	auto	auto	vorübergehend: Videoüberwachung
Port22	1GbE	Port22-Cam	only untagged	171	vlan_Videoueberwachung	auto	auto	vorübergehend: Videoüberwachung
Port23	1GbE	Port23-TrunkUp	only tagged	1		off		Trunk zum Core Router
Port24	1GbE	Port24-TrunkEG	only tagged	1		off		Trunk zum Switch 21 (EG)
SFP1	SFP+: S+DA0001	SFP1-TrunkUp	only tagged	1				Trunk zum Core Router
SFP2	SFP+: S+DA0001	SFP2-TrunkOG2	only tagged	1				Trunk zum Switch 12 (OG)
SFP3	SFP+: S+RJ10	SFP3-TrunkEG	only tagged	1				Trunk zum Switch 22 (EG)
SFP4	SFP+: empty		only tagged	1				

Access-Switch OG2 (Switch 12)

10.4.100.112

swOS 2.10

Port	Hardware	Name	VLAN-Mode	VLAN ID	VLAN Beschreibung	PoE-Mode	PoE-Voltage	Kommentar
Port1	1GbE	Port1-Admin	any	100	vlan_Admin	off		
Port2	1GbE	Port2-Admin	any	100	vlan_Admin	off		
Port3	1GbE	Port3	only untagged	1		off		
Port4	1GbE	Port4-Server	only untagged	110	vlan_Server	off		
Port5	1GbE	Port5	only untagged	1		off		
Port6	1GbE	Port6	only untagged	1		off		
Port7	1GbE	Port7	only untagged	1		off		
Port8	1GbE	Port8	only untagged	1		off		

Port	Hardware	Name	VLAN-Mode	VLAN ID	VLAN Beschreibung	PoE-Mode	PoE-Voltage	Kommentar
Port9	1GbE	Port9-Drucker	only untagged	119	vlan_Printer	off		
Port10	1GbE	Port10-Drucker	only untagged	119	vlan_Printer	off		
Port11	1GbE	Port11-Drucker	only untagged	119	vlan_Printer	off		
Port12	1GbE	Port12	only untagged	1		off		
Port13	1GbE	Port13-Hausnetz	only untagged	130	vlan_Hausnetz	off		
Port14	1GbE	Port14-Hausnetz	only untagged	130	vlan_Hausnetz	off		
Port15	1GbE	Port15-Hausnetz	only untagged	130	vlan_Hausnetz	off		
Port16	1GbE	Port16-Hausnetz	only untagged	130	vlan_Hausnetz	off		
Port17	1GbE	Port17-LARDIS	only untagged	112	vlan_LARDIS	off		
Port18	1GbE	Port18-LARDIS	only untagged	112	vlan_LARDIS	off		
Port19	1GbE	Port19-LARDIS	only untagged	112	vlan_LARDIS	off		
Port20	1GbE	Port20-LARDIS	only untagged	112	vlan_LARDIS	off		
Port21	1GbE	Port21-LARDIS	only untagged	112	vlan_LARDIS	off		
Port22	1GbE	Port22-LARDIS	only untagged	112	vlan_LARDIS	off		
Port23	1GbE	Port23-LARDIS	only untagged	112	vlan_LARDIS	off		
Port24	1GbE	Port24-LARDIS	only untagged	112	vlan_LARDIS	off		
SFP1	SFP+: S+DA0001	SFP1-TrunkUp	only tagged	1				Trunk-Uplink zum Switch 11 (OG 1)
SFP2	SFP+: empty	SFP2	only tagged	1				
SFP3	SFP+: empty	SFP3	only tagged	1				
SFP4	SFP+: empty	SFP4	only tagged	1				

Access-Switch OG3 (Switch 13)

10.4.100.113

routerOS

Port	Hardware	Name	VLAN-Mode	VLAN ID	VLAN Beschreibung	Kommentar
Port1	1GbE	ether1	only tagged	1		Trunk-Uplink zum Switch xx
Port2	1GbE	ether2	none (out of bridge)			
Port3	1GbE	ether3	only untagged	119	vlan_Printer	

Port	Hardware	Name	VLAN-Mode	VLAN ID	VLAN Beschreibung	Kommentar
Port4	1GbE	ether4	only untagged	119	vlan_Printer	
Port5	1GbE	ether5	only untagged	130	vlan_Hausnetz	
Port6	1GbE	ether6	only untagged	130	vlan_Hausnetz	
Port7	1GbE	ether7	only untagged	130	vlan_Hausnetz	
Port8	1GbE	ether8	only untagged	130	vlan_Hausnetz	
SFP1	SFP: empty	sfp9				
SFP2	SFP: empty	sfp10				
SFP3	SFP: empty	sfp11				
SFP4	SFP: empty	sfp12				

Putzraum EG

Access-Switch EG1 (Switch 21)

10.4.100.121

swOS 2.12

Port	Hardware	Name	VLAN-Mode	VLAN ID	VLAN Beschreibung	PoE-Mode	PoE-Voltage	Kommentar
Eth1	1GbE	Eth1-Admin	any	100	vlan_Admin	off		
Eth2	1GbE	Eth2-Admin	any	100	vlan_Admin	off		
Eth3	1GbE	Port3-Hausnetz	only untagged	130	vlan_Hausnetz	off		
Eth4	1GbE	Port4-Hausnetz	only untagged	130	vlan_Hausnetz	off		
Eth5	1GbE	Port5-Hausnetz	only untagged	130	vlan_Hausnetz	off		
Eth6	1GbE	Port6-Hausnetz	only untagged	130	vlan_Hausnetz	off		
Eth7	1GbE	Port7-Hausnetz	only untagged	130	vlan_Hausnetz	off		
Eth8	1GbE	Port8-WLAN	only untagged	150		auto	auto	
Eth9	1GbE	Port9-VoIP	only untagged	121	vlan_VoIP	auto	auto	
Eth10	1GbE	Port10-VoIP	only untagged	121	vlan_VoIP	auto	auto	
Eth11	1GbE	Port11-VoIP	only untagged	121	vlan_VoIP	auto	auto	
Eth12	1GbE	Port12-VoIP	only untagged	121	vlan_VoIP	auto	auto	
Eth13	1GbE	Port13-VoIP	only untagged	121	vlan_VoIP	auto	auto	
Eth14	1GbE	Port14-VoIP	only untagged	121	vlan_VoIP	auto	auto	
Eth15	1GbE	Port15-VoIP	only untagged	121	vlan_VoIP	auto	auto	
Eth16	1GbE	Port16-VoIP	only untagged	121	vlan_VoIP	auto	auto	
Eth17	1GbE	Port17	only untagged	130	vlan_Hausnetz	off		

Port	Hardware	Name	VLAN-Mode	VLAN ID	VLAN Beschreibung	PoE-Mode	PoE-Voltage	Kommentar
Eth18	1GbE	Port18	only untagged	130	vlan_Hausnetz	off		
Eth19	1GbE	Port19-Cam	only untagged	171	vlan_Videoueberwachung	auto	auto	
Eth20	1GbE	Port20-Cam	only untagged	171	vlan_Videoueberwachung	auto	auto	
Eth21	1GbE	Port21-Cam	only untagged	171	vlan_Videoueberwachung	auto	auto	
Eth22	1GbE	Port22-Cam	only untagged	171	vlan_Videoueberwachung	auto	auto	
Eth23	1GbE	Eth23-TrunkUp	only tagged	1		off		Trunk-Uplink zum Switch 11 (OG1)
Eth24	1GbE	Port24	only tagged	1		off		
SFP1	SFP+: S+RJ10	SFP1-TrunkUp	only tagged	1				Trunk-Uplink zum Switch 11 (OG1)
SFP2	SFP+: empty		only tagged	1				
SFP3	SFP+: empty		only tagged	1				
SFP4	SFP+: empty		only tagged	1				

Wickelraum

Access-Switch EG2 (Switch 22)

10.4.100.122

swOS 2.12

Port	Hardware	Name	VLAN-Mode	VLAN ID	VLAN Beschreibung	PoE-Mode	PoE-Voltage	Kommentar
Eth1	1GbE	Port1-Admin	only untagged	100	vlan_Admin	off		
Eth2	1GbE	Port2-Hausnetz	only untagged	130	vlan_Hausnetz	off		
Eth3	1GbE	Port3-Cam	only untagged	171	vlan_Videoueberwachung	auto	auto	
Eth4	1GbE	Port4-Cam	only untagged	171	vlan_Videoueberwachung	auto	auto	
Eth5	1GbE	Port5-Cam	only untagged	171	vlan_Videoueberwachung	auto	auto	
Eth6	1GbE	Port6-Cam	only untagged	171	vlan_Videoueberwachung	auto	auto	
Eth7	1GbE	Port7-Cam	only untagged	171	vlan_Videoueberwachung	auto	auto	
Eth8	1GbE	Port8-Cam	only untagged	171	vlan_Videoueberwachung	auto	auto	
Eth9	1GbE	Port9-Server	only untagged	110	vlan_Server	off	off	
Eth10	1GbE		only untagged			off		
Eth11	1GbE		only untagged			off		

Port	Hardware	Name	VLAN-Mode	VLAN ID	VLAN Beschreibung	PoE-Mode	PoE-Voltage	Kommentar
Eth12	1GbE		only untagged			off		
Eth13	1GbE	Port13-Hausnetz	only untagged	130	vlan_Hausnetz	off		
Eth14	1GbE	Port14-Hausnetz	only untagged	130	vlan_Hausnetz	off		
Eth15	1GbE	Port15-Hausnetz	only untagged	130	vlan_Hausnetz	off		
Eth16	1GbE	Port16-Hausnetz	only untagged	130	vlan_Hausnetz	off		
Eth17	1GbE		only untagged			off		
Eth18	1GbE		only untagged			off		
Eth19	1GbE		only untagged			off		
Eth20	1GbE		only untagged			off		
Eth21	1GbE		only untagged			off		
Eth22	1GbE		only untagged			off		
Eth23	1GbE		only untagged			off		
Eth24	1GbE	Port24-TrunkUp	only tagged	1				Trunk-Uplink zum Switch 21 (EG1)
SFP1	SFP+: S+RJ10	SFP1-TrunkUp	only tagged	1				Trunk-Uplink zum Switch 21 (EG1)
SFP2	SFP+: empty		only tagged	1				
SFP3	SFP+: empty		only tagged	1				
SFP4	SFP+: empty		only tagged	1				

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