

# Laborbericht - NVS - 5CHIF

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Ziel: Erfüllung der Aufgabenstellung

## KMU 1 Netzwerkplanung

### Netze

ID	Name	Network Address	Subnet
1	Management	10.0.0.0	255.255.255.0
10	DMZ	10.0.10.0	255.255.255.0
20	Intranet	10.0.20.0	255.255.255.0
30	VOIP	10.0.30.0	255.255.255.0
40	Staff	10.0.40.0	255.255.255.0
50	Guest	10.0.50.0	255.255.255.0

### Netzwerkgeräte

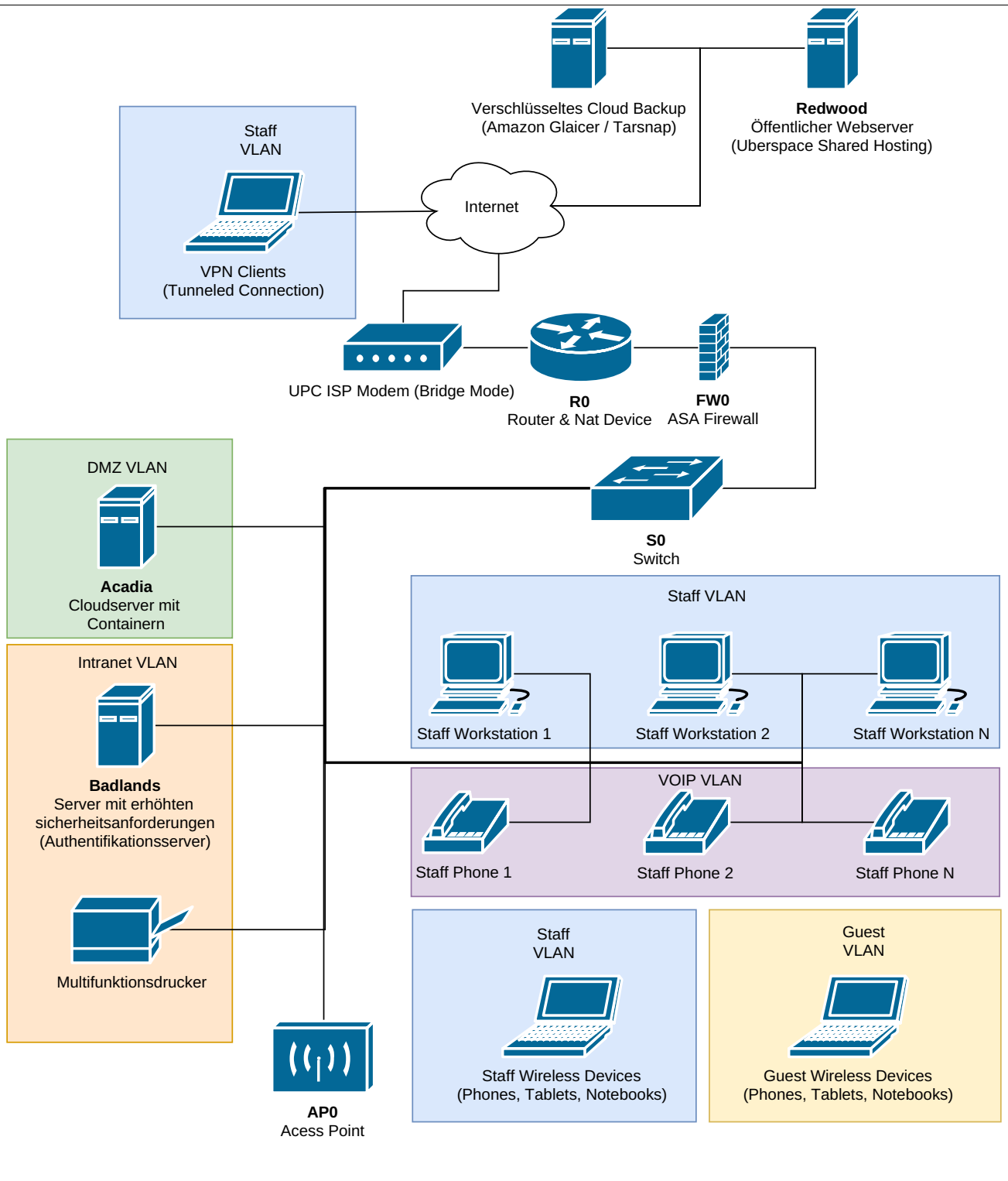
#### Server und Netzwerkgeräte

Hostname	IP	VLAN	Gateway	DNS
R0	<i>ISP provided Public IP</i>	-	-	<i>ISP Provided DNS Server</i>
	10.0.0.1	1	-	-
	10.0.10.1	10	-	-
	10.0.20.1	20	-	-
	10.0.30.1	30	-	-
	10.0.40.1	40	-	-
	10.0.50.1	50	-	-
	10.0.50.1	60	-	-
FW0	10.0.0.2	1	10.0.0.1	10.0.0.1
SW0	10.0.0.3	1	10.0.0.1	10.0.0.1
AP0	10.0.0.4	1	10.0.0.4	10.0.0.4
Acadia	10.0.10.2	10	10.0.10.1	10.0.10.1
Badlands	10.0.20.2	20	10.0.20.1	10.0.20.1
Drucker	10.0.20.100	20	10.0.20.1	10.0.20.1

Hostname	Hoster provided IP	Public	VLAN	Gateway	Hoster provided DNS	Public DNS
Redwood	IP				Server	
Cloud Backup	N/A		-	-		

## Endnutzengeräte

Hostname	IP	VLAN	Gateway	DNS
Staff Phone	(DHCP) 10.0.30.2 - 10.0.30.254	30	10.0.30.1	10.0.30.1
Staff Workstations, VPN Clients & Staff wireless Devices	(DHCP) 10.0.40.2 - 10.0.40.254	40	10.0.40.1	10.0.40.1
Guest Wireless Devices	(DHCP) 10.0.50.2 - 10.0.50.254	50	10.0.50.1	10.0.50.1



[http://localhost:4000/NVS/5CHIF\\_20170123\\_Schreib/](http://localhost:4000/NVS/5CHIF_20170123_Schreib/)