

Aufteilung IP-Adressen AS

Aktuell haben wir ein /24-Netz für das AS verfügbar. Auf die aktuell vier Standorte haben wir es wie folgt segmentiert.

Subnet	Adresse	Host	Art
45.154.111.0/26	45.154.111.0-63	FREI	
Geroutete IPs (Ext GWs etc.)			
45.154.111.64/26	45.154.111.64		
	45.154.111.65		
	45.154.111.66		
	45.154.111.67		
	45.154.111.68		
	45.154.111.69		
	45.154.111.70		
	45.154.111.71		
	45.154.111.72		
	45.154.111.73		
	45.154.111.74-127		
BER-A			
45.154.111.128/28	45.154.111.129	BER-A	Blech
	45.154.111.130	nextcloud	VM
	45.154.111.131	stats	VM
	45.154.111.132	collabora	VM
	45.154.111.133	corny-test	VM
	45.154.111.134		VM
	45.154.111.135		VM
	45.154.111.136		VM
	45.154.111.137		VM
	45.154.111.138		VM
	45.154.111.139		VM
	45.154.111.140		VM
	45.154.111.141		VM
	45.154.111.142		VM
	45.154.111.143	Broadcast	
BER-B			
45.154.111.144/28	45.154.111.145	BER-B	Blech
	45.154.111.146	soter	VM
	45.154.111.147		VM
	45.154.111.148		VM
	45.154.111.149		VM
	45.154.111.150		VM
	45.154.111.151		VM

	45.154.111.152		VM
	45.154.111.153		VM
	45.154.111.154		VM
	45.154.111.155		VM
	45.154.111.156		VM
	45.154.111.157		VM
	45.154.111.158		VM
	45.154.111.159	Broadcast	
FRA-A			
45.154.111.160/28	45.154.111.161	FRA-A	Blech
	45.154.111.162	bitschubse	VM
	45.154.111.163		VM
	45.154.111.164		VM
	45.154.111.165		VM
	45.154.111.166		VM
	45.154.111.167		VM
	45.154.111.168		VM
	45.154.111.169		VM
	45.154.111.170		VM
	45.154.111.171		VM
	45.154.111.172		VM
	45.154.111.173		VM
	45.154.111.174		VM
	45.154.111.175	Broadcast	
FRA-B			
45.154.111.176/28	45.154.111.177	FRA-B	Blech
	45.154.111.178	paketschleuder	VM
	45.154.111.179		VM
	45.154.111.180		VM
	45.154.111.181		VM
	45.154.111.182		VM
	45.154.111.183		VM
	45.154.111.184		VM
	45.154.111.185		VM
	45.154.111.186		VM
	45.154.111.187		VM
	45.154.111.188		VM
	45.154.111.189		VM
	45.154.111.190		VM
	45.154.111.191	Broadcast	
45.154.111.192/26	45.154.111.193 - 254	FREI	

Transfer-IPs für geroutete IPs

Subnet	Adresse	Host	Art
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100.127.0.0/16			TV-Netze innerhalb der GRE Tunnels
100.127.0.0/22		BER-A	
100.127.4.0/22		BER-B	
100.127.8.0/22		FRA-A	
100.127.12.0/22		FRA-B	
100.127.16.0/22		MSR-A	
100.127.20.0/22		MSR-B	

IPv6 Präfix	Standort	Art
2a14:440::/30	EVERYWHERE	An jedem Standort announced
2a14:440::/36		
2a14:440:0000::/48		Transfer-Netz
2a14:440:0001::/48		Präfix Freifunk Münsterland
2a14:440:0002::/48		Präfix Freifunk XYZ
2a14:440:1000::/36	BERLIN	Exit (GRE) Tunnels (Traffic engineering)
2a14:440:2000::/36	FRANKFURT	Exit (GRE) Tunnels (Traffic engineering)
2a14:440:3000::/36	MÜNSTER	Exit (GRE) Tunnels (Traffic engineering)