IP Table

Overview

VLAN	Adress / Mask	Mask	First IP	Last IP	Broadcast Adress
200	172.18.0.0/24	255.255.255.0	172.18.0.1	172.18.0.254	172.18.0.255
300	172.18.1.0/26	255.255.255.192	172.18.1.1	172.18.1.62	172.18.1.63
500	172.18.1.64/27	255.255.255.224	172.18.1.65	172.18.1.94	172.18.1.95
400	172.18.1.96/30	255.255.255.252	172.18.1.97	172.18.1.98	172.18.1.99
600	172.18.1.100/30	255.255.255.252	172.18.1.101	172.18.1.102	172.18.1.103
700	172.18.1.104/30	255.255.255.252	172.18.1.105	172.18.1.106	172.18.1.107

Per Device

VLAN 200

Device	IP Adress	Mask
Router5 (Switch5)	172.18.0.1	255.255.255.0

VLAN 300

Device	IP Adress	Mask	Default Gateway
Kilo2	172.18.1.1	255.255.255.192	172.18.1.7
Lima2	172.18.1.2	255.255.255.192	172.18.1.7
Mike2	172.18.1.3	255.255.255.192	172.18.1.7
November2	172.18.1.4	255.255.255.192	172.18.1.7
Oscar2	172.18.1.5	255.255.255.192	172.18.1.7
Papa2	172.18.1.6	255.255.255.192	172.18.1.7
Router5 (Switch5)	172.18.1.7	255.255.255.192	-

VLAN 400

Device	IP Adress	Mask
Router5 (Switch5)	172.18.1.97	255.255.255.252
Router6 (Switch6)	172.18.1.98	255.255.255.252

VLAN 500

Device	IP Adress	Mask	Default Gateway
Router6 (Switch6)	172.18.1.65	255.255.255.224	-
Alfa2	172.18.1.66	255.255.255.224	172.18.1.65
Bravo2	172.18.1.67	255.255.255.224	172.18.1.65
Charlie2	172.18.1.68	255.255.255.224	172.18.1.65
Delta2	172.18.1.69	255.255.255.224	172.18.1.65

VLAN 600

Device	IP Adress	Mask
Router6 (Switch6)	172.18.1.101	255.255.255.252
Zulu2	172.18.1.102	255.255.255.252

VLAN 700

Device	IP Adress	Mask
Router1	172.18.1.105	255.255.255.252
Zulu2	172.18.1.106	255.255.255.252

Optional when skipping Zulu2

Device	IP Adress	Mask
Router1	172.18.1.109	255.255.255.252
Router6	172.18.1.110	255.255.255.252

Serial Router 3 - Router 1

Device	IP Adress	Mask
Router3	172.18.3.1	255.255.255.252
Router1	172.18.3.2	255.255.255.252

Serial Router 4 - Router 3

Device	IP Adress	Mask
Router4	172.18.2.1	255.255.255.252
Router3	172.18.2.2	255.255.255.252

Serial Router 4 - Router 2

Device	IP Adress	Mask
Router4	172.16.2.1	255.255.255.252
Router2	172.16.2.2	255.255.255.252

Device	IP Adress	Mask
Router4	172.16.2.1	255.255.255.252
Router2	172.16.2.2	255.255.255.252