

VLSM						
Unit	Network	Mask	Prefix	Range Host (first-last)	Broadcast	Gateway
Sekretariat	10.149.0.0	255.255.254.0	/23	10.149.0.1 — 10.149.1.254	10.149.1.255	10.149.0.1
Kurikulum	10.149.2.0	255.255.255.0	/24	10.149.2.1 — 10.149.2.254	10.149.2.255	10.149.2.1
Guru & Tendik	10.149.3.0	255.255.255.128	/25	10.149.3.1 — 10.149.3.126	10.149.3.127	10.149.3.1
Sarana & Sarprasara	10.149.3.128	255.255.255.192	/26	10.149.3.129 — 10.149.3.190	10.149.3.191	10.149.3.129
Pengawas Sekolah	10.149.3.192	255.255.255.224	/27	10.149.3.193 — 10.149.3.222	10.149.3.223	10.149.3.193
Server & Admin	10.149.3.224	255.255.255.248	/29	10.149.3.225 — 10.149.3.230	10.149.3.231	10.149.3.225
LINK WAN	10.149.3.232	255.255.255.252	/30	10.149.3.233 — 10.149.3.234	10.149.3.235	-

  

CIDR						
Unit	Network	Mask	Prefix	Range Host (first-last)	Broadcast	Gateway
Agregasi CIDR	10.149.0.0	255.255.252.0	/22	10.149.0.1 — 10.149.3.254	10.149.3.255	-

  

Tabel Supernetting dari CIDR						
Blok /24 (Bagian dari Supernet 10.149.0.0/22)	Alokasi Penggunaan (dari Tabel VLSM)	Keterangan				
10.149.0.0/24	Sekretariat (/23)	Bagian pertama dari blok Sekretariat				
10.149.1.0/24	Sekretariat (/23)	Bagian kedua dari blok Sekretariat				
10.149.2.0/24	Kurikulum (/24)	Digunakan penuh untuk Kurikulum				
10.149.3.0/24	(Sub-alokasi VLSM)	Digunakan oleh: Guru (/25), Sarpras (/26), Pengawas (/27), Server (/29), dan WAN (/30)				

  

TOPOLOGI CPT						

Label	Jaringan (Network)	Network ID	Netmask	Broadcast Address
A1	Sekretariat	10.149.0.0	255.255.254.0	10.149.1.255
A2	Kurikulum	10.149.2.0	255.255.255.0	10.149.2.255
A3	Guru & Tendik	10.149.3.0	255.255.255.128	10.149.3.127
A4	Sarpras	10.149.3.128	255.255.255.192	10.149.3.191
A5	Server & Admin	10.149.3.224	255.255.255.248	10.149.3.231
A6	Pengawas Sekolah	10.149.3.192	255.255.255.224	10.149.3.223
A7	LINK WAN	10.149.3.232	255.255.255.252	10.149.3.235