



SOUTHERN UTAH PEERING

REGIONAL NETWORK

Southern Utah Peering Regional Network

www.suprnet.net

Participants are encouraged to use the route server(s) to openly peer with all participants - which is core of joining an exchange. Participants may still choose to peer bilaterally with important peers. The value of the exchange is greatly enhanced with open peering. SUPrnet should not be used for a participant's internal traffic.

Anyone is welcome to join the SUPrnet and participate in peering. There is no minimum prefix size on the exchange, although individual peers may have a minimum prefix length at their discretion. Both IPv4 and IPv6 is supported. SUPrnet does not have a membership fee. The exchange is supported by sponsors and donations.

Connection Policy:

- Peering is bilateral with the exception of route servers. There is no MLPA.
- BGP4 is used for peering and peers must set NEXT_HOP_SELF if advertising routes from other SUPrnet participants.
- Participants may not point default or statically route.
- Participants may not use another participant's resources without permission.
- Broadcast traffic may not be delivered to the exchange except as needed for normal operation and troubleshooting.
- Participants may not sniff traffic between other participants.
- Participants may only utilize a single layer-2 MAC address to place a single layer-3 router per port allocated from the SUPrnet switch fabric unless by prior agreement.
- Participants must make valid contact information and relevant documentation available at all times.
- No exchange participant may harm the exchange or other participants.

Participants are encouraged to create a PeeringDB entry for their AS if they don't already have one, however it is not mandatory for peering.

For any questions regarding these procedures and policies please direct them towards:
peering@suprnet.net