

# Configuring Site-to-Site VPNs using D-VTI and S-VTI for Hub and Spoke Deployments

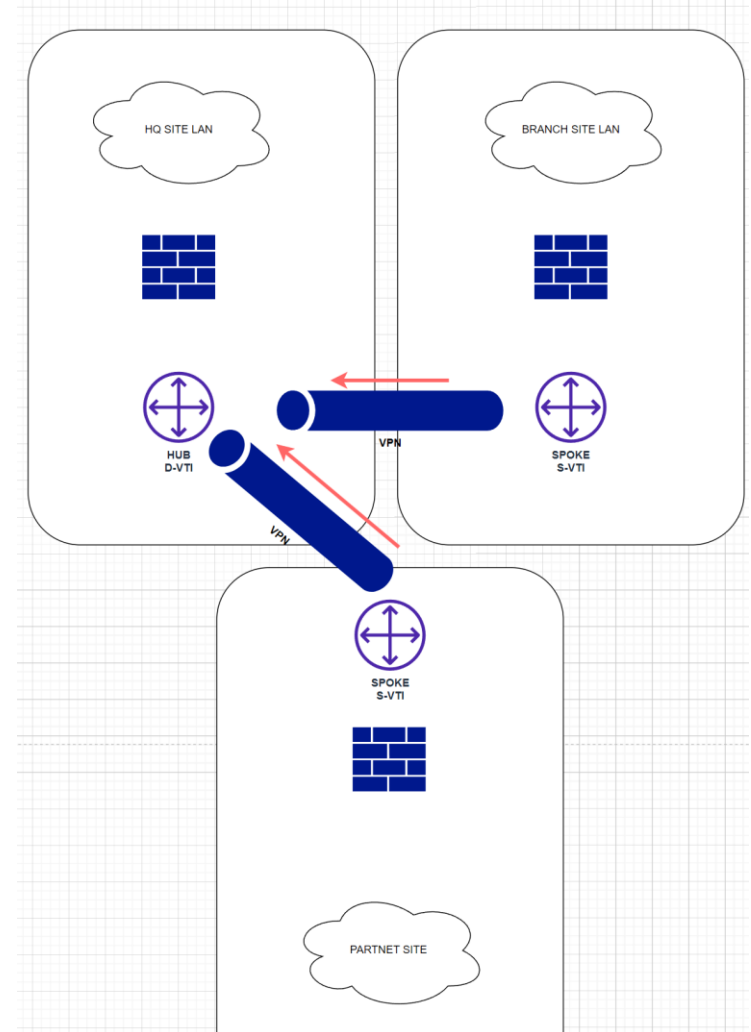
CCIE Security Labs with Kelvin

#NetworkWizkids

**NETWORK**  
**WIZKID**

# D-VTI & S-VTI Hub & Spoke VPN Main Points

- Dynamic VTI configured on the hub
  - Scalable for hub & spoke deployments
  - No static map required
  - VTIs created dynamically
  - Minimal configuration
  - Configured using templates to create a virtual access interface
- Static VTI configured on spokes
  - Initiate the tunnel connection to hub



# D-VTI & S-VTI Hub & Spoke VPN Configuration Steps

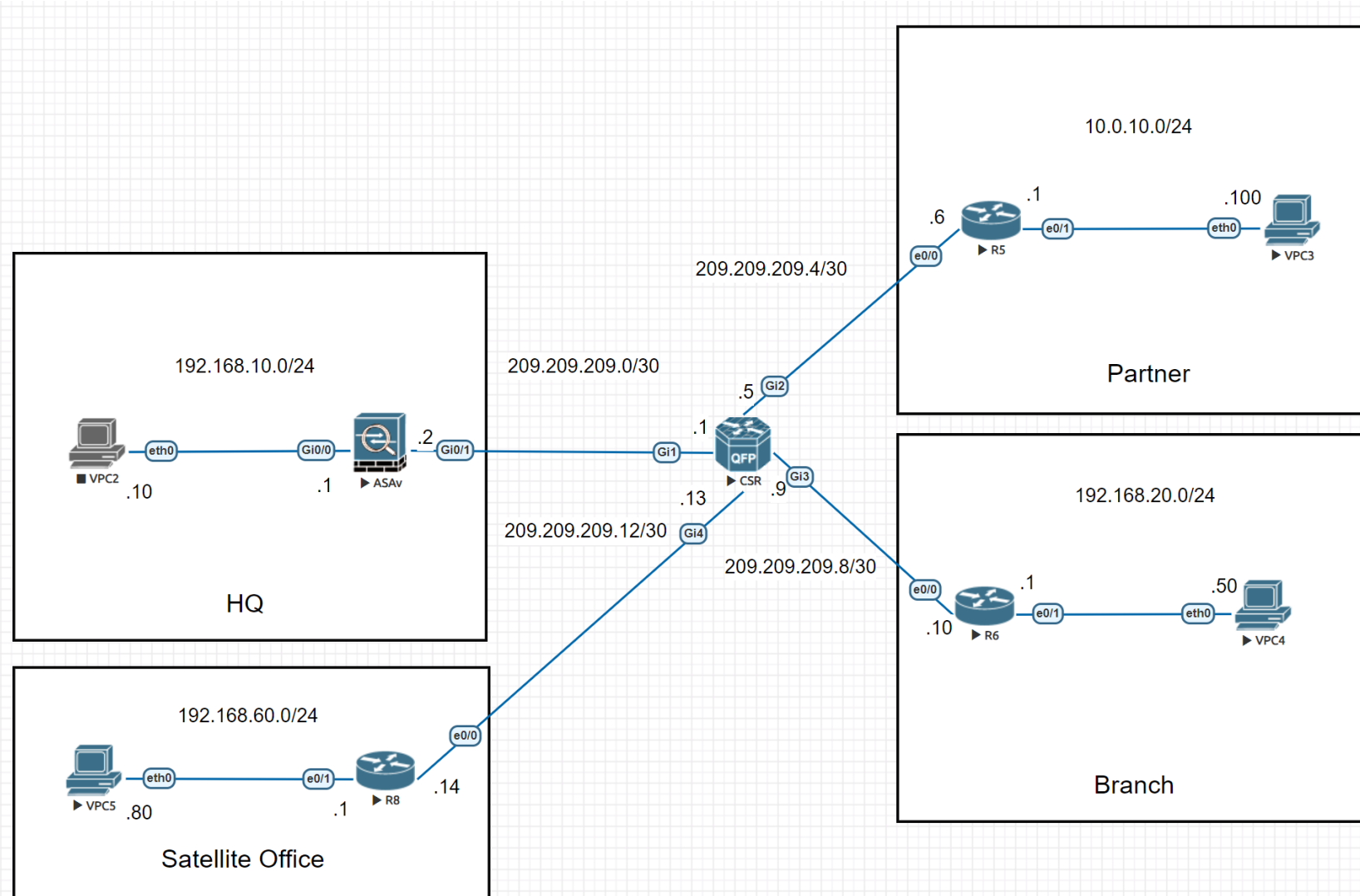
## Hub Configuration

1. Configure PSK Keyring for all peers
2. Configure the transform set (Optional)
3. Configure the IPsec profile (Optional)
4. Configure the ISAKMP Profile
5. Configure the virtual template

## Spoke Configuration

1. Configure ISAKMP Policy (Optional)
2. Configure the transform set (Optional)
3. Configure the IPsec profile (Optional)
4. Configure ISAKMP Profile
5. Configure the Tunnel interface
6. Configure static routes

# Demonstration



# Useful Links

- [www.youtube.com/networkwiizkiids](https://www.youtube.com/networkwiizkiids)
- [www.networkwizkid.com](http://www.networkwizkid.com)
- [www.twitter.com/iwiizkiid](https://www.twitter.com/iwiizkiid)
- CCNP and CCIE Security Core SCOR 350-701 Official Cert Guide - <https://amzn.to/2yF4GWU>