IPsec Connection Checklist

cohesive networks

There are approximately 14 parameters depending upon how you categorize, which if matched between the two IPsec devices, create the highest quality, most stable connections possible. The "caveats" are "can't be using known broken software revisions on either side" and "in path connectivity can't be obstructed”.

	VNS3 Controller	Connecting Device
Make	Cohesive Networks	
Model	VNS3	
Version		
Public IP		
Private (NAT’d) IP		
Pre-shared Key (PSK)		
IKEv1 or IKEv2	▼	▼
Policy-based or Route-based	▼	▼
- if Route-based: GRE or VTI	▼	▼
- if Route-based: Interface IP		
NAT-Traversal or Native IPsec	▼	▼
Bidirectional or Receive-Only	▼	▼
Local IKE Peer ID		
Remote IKE Peer ID		
Phase1/IKE		
Algorithm		
Hash/Integrity		
Diffie-Hellman Group		
Lifetime (time in s)		
Phase2/IPsec		
Algorithm		
Hash/Integrity/PRF		
Lifetime (time in s)		
Data Lifetime (data in kb)	NA	Please Disable for Max Stability
PFS Enabled or Disabled	▼	▼
PFS DH Group		
DPD Enabled or Disabled	▼	▼
VPN Idle Timeout	Unlimited	Please Disable for Max Stability
Encryption Domain/Paired Subnets/Traffic Selectors		