



NGAF

Sangfor VPN Configuration Guide

Version 8.0.5

Change Log

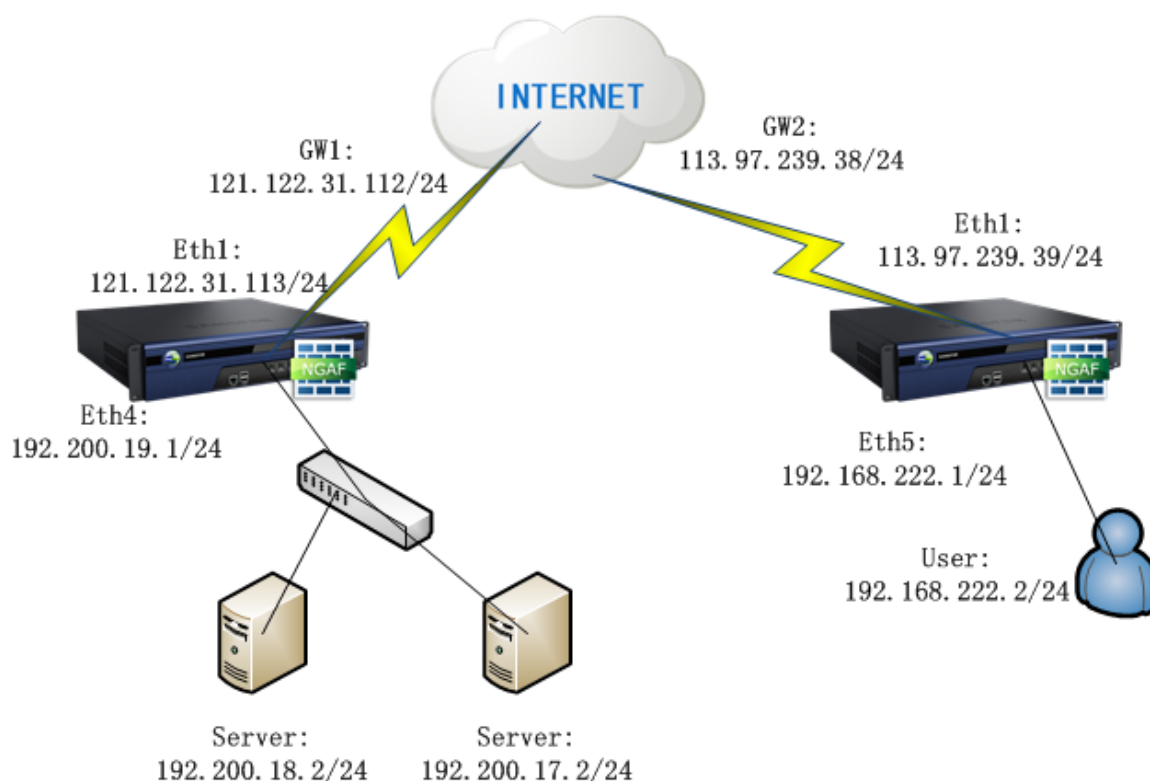
Date	Change Description
Oct 22, 2018	Version 8.0.5 document release.

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Chapter 1 Network Topology

One customer has two site, they want to use Sangfor NGAF build VPN tunnel between HQ and branch.



Chapter 2 NGAF Configuration

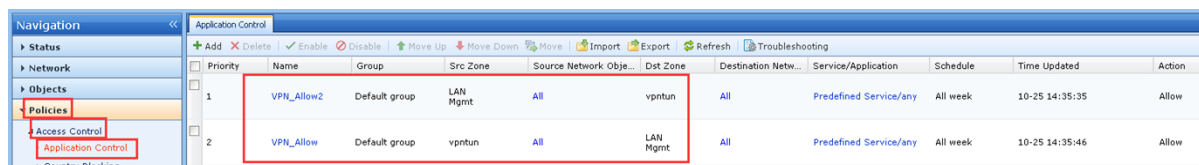
2.1 HQ NGAF Configuration

1. Configure interface and zone.

Specially build a zone for VPN, chose vpntun interface.

Navigation		Interfaces					
Status Network Interfaces Routing Virtual Wire Advanced Options		Physical Interface Sub-Interface VLAN Interface Aggregate Interface GRE Tunnel Zone Link State Propagation					
		+ Add - Delete Refresh					
		Zone Name	Forward Mode	Interfaces	Device Mgt Privilege	Allowed Address	Delete
		- LAN	Bridge(layer 2)	eth4			In use
		- WAN	Bridge(layer 2)	eth5			In use
		- Mgmt	Route(layer 3)	veth.1,veth.4	WebUI,ssh	All	In use
		- vpntun	Route(layer 3)	vpntun	WebUI	All	In use

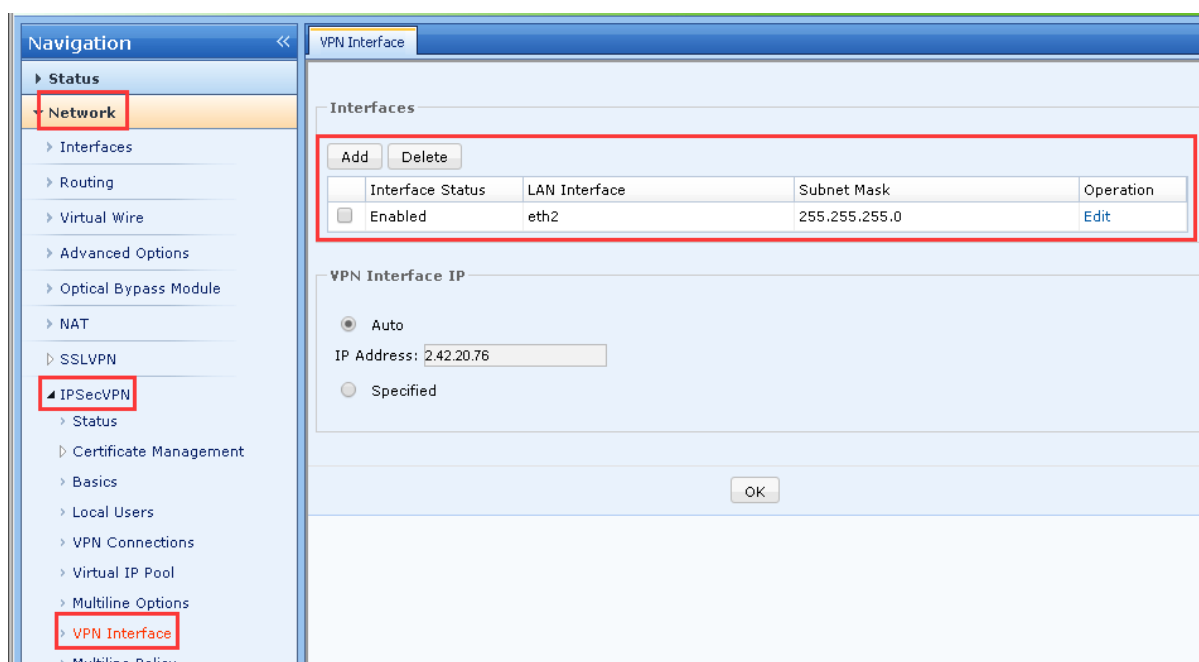
2. Allow traffic in Access control from VPN zone to Server zone and Server zone to VPNzone.



Priority	Name	Group	Src Zone	Source Network Object	Dst Zone	Destination Network Object	Service/Application	Schedule	Time Updated	Action
1	VPN_Allow2	Default group	LAN Mgmt	All	vpntun	All	Predefined Service/any	All week	10-25 14:35:35	Allow
2	VPN_Allow	Default group	vpntun	All	LAN Mgmt	All	Predefined Service/any	All week	10-25 14:35:46	Allow

3. Build VPN interface.

This step used to notice other side that HQ has a local subnet 192.200.19.0/24
(Add all NGAF LAN interface to this)



Interface	Status	LAN Interface	Subnet Mask	Operation
<input type="checkbox"/>	Enabled	eth2	255.255.255.0	Edit

VPN Interface IP

☒ Auto
IP Address: 2.42.20.76

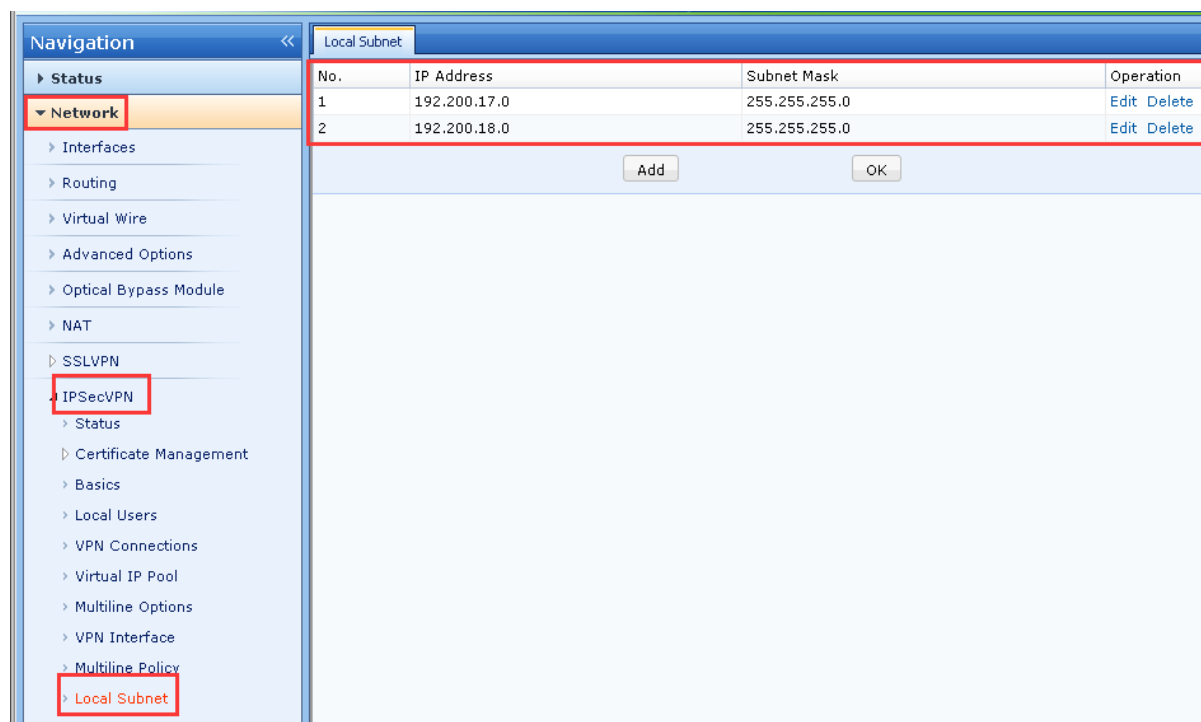
☐ Specified

OK

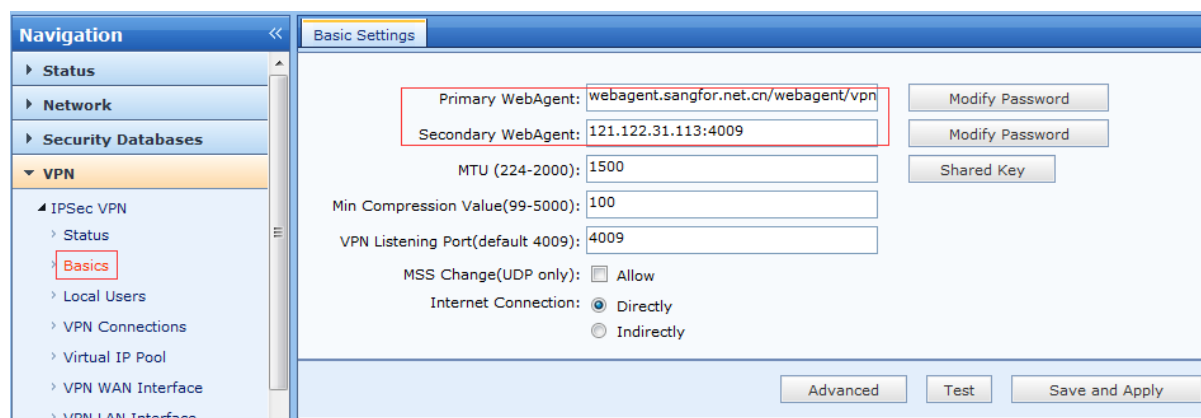
4. Add local subnet.

This step used to notice other side that HQ also has 192.200.17.0/24 and 192.200.19.18.0/24

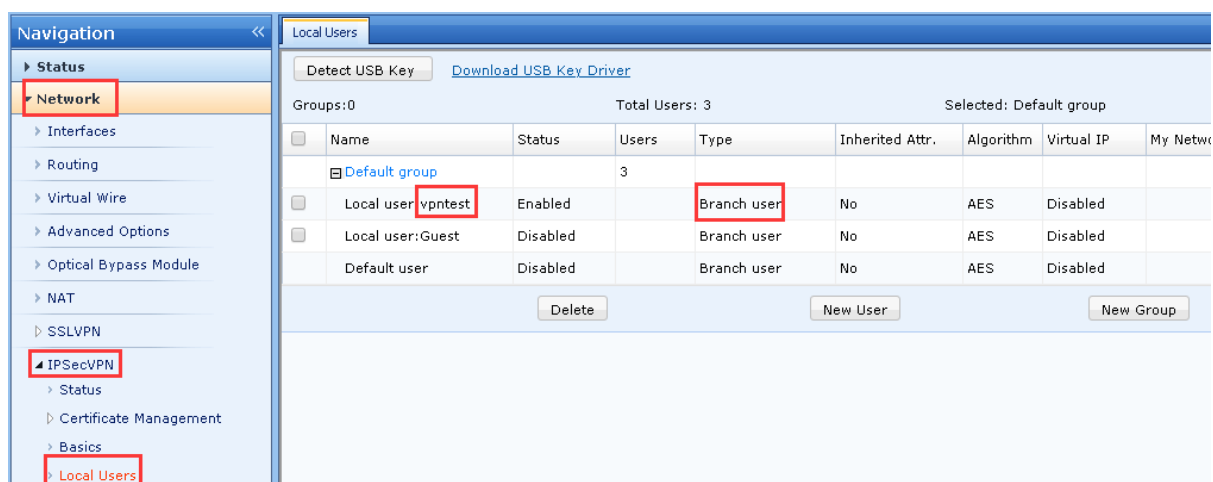
(Don't need to add NGAF interface subnet to local subnet)



5. Set webagent and listening port



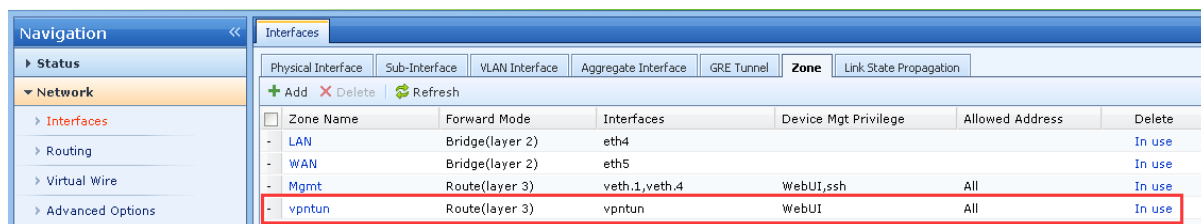
6. Create a branch user, user type: branch user



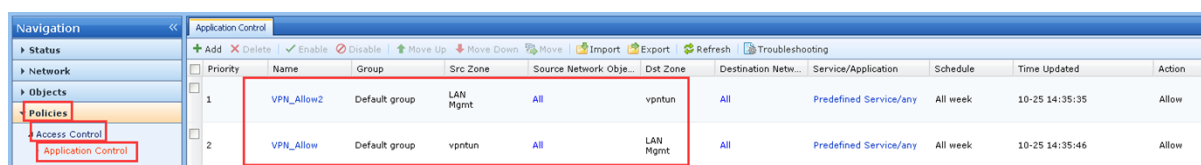
2.2 Branch NGAF Configuration

1. Configure interface and zone.

Specially build a zone for VPN, chose vpntun interface.

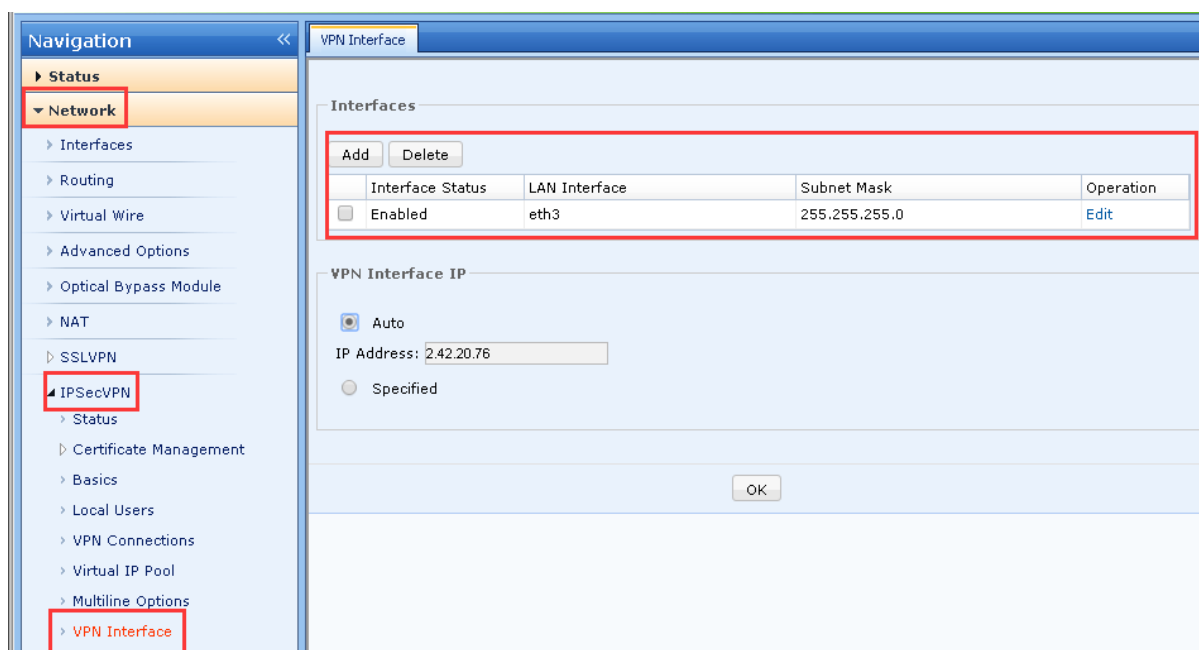


2. Allow traffic in Access control from VPN zone to Server zone and Server zone to VPNzone.

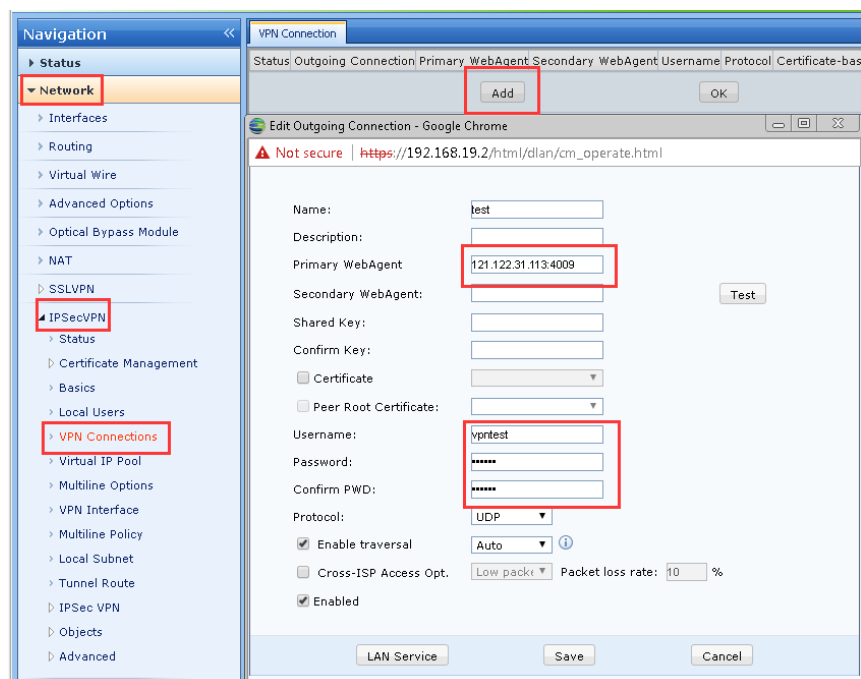


3. Build VPN LAN interface.

This step used to notice other side that HQ has a local subnet 192.200.19.0/24
[Add all NGAF LAN interface to this]



4. Add VPN connection.



3 Verify the connection

You can verify the connection by navigating to [Network] > [IPSec VPN] > [Status].



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