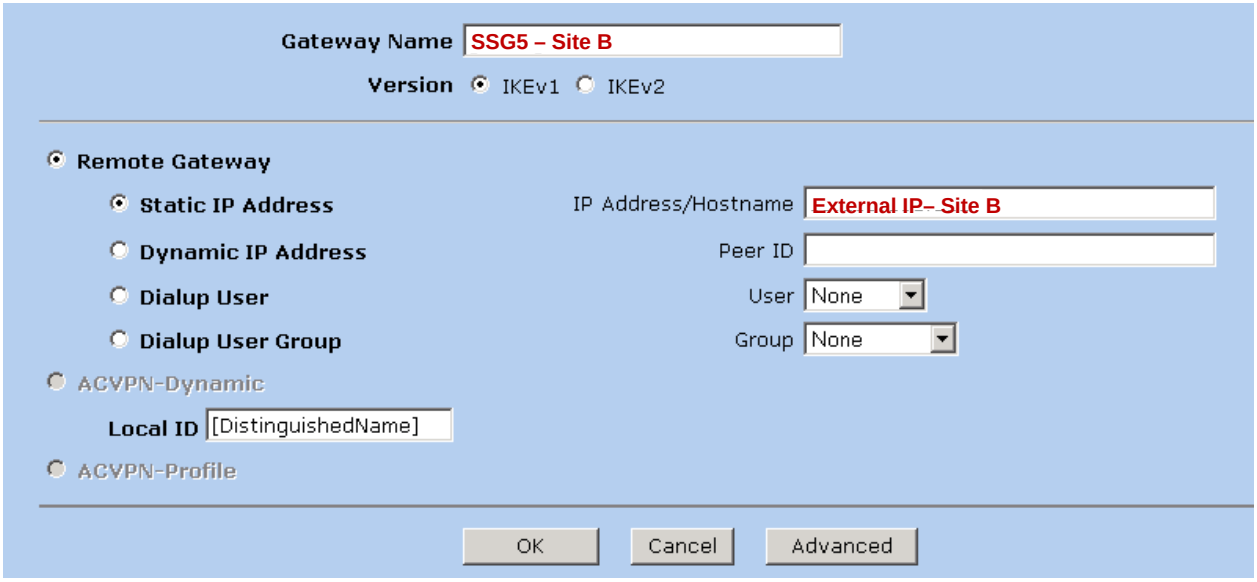
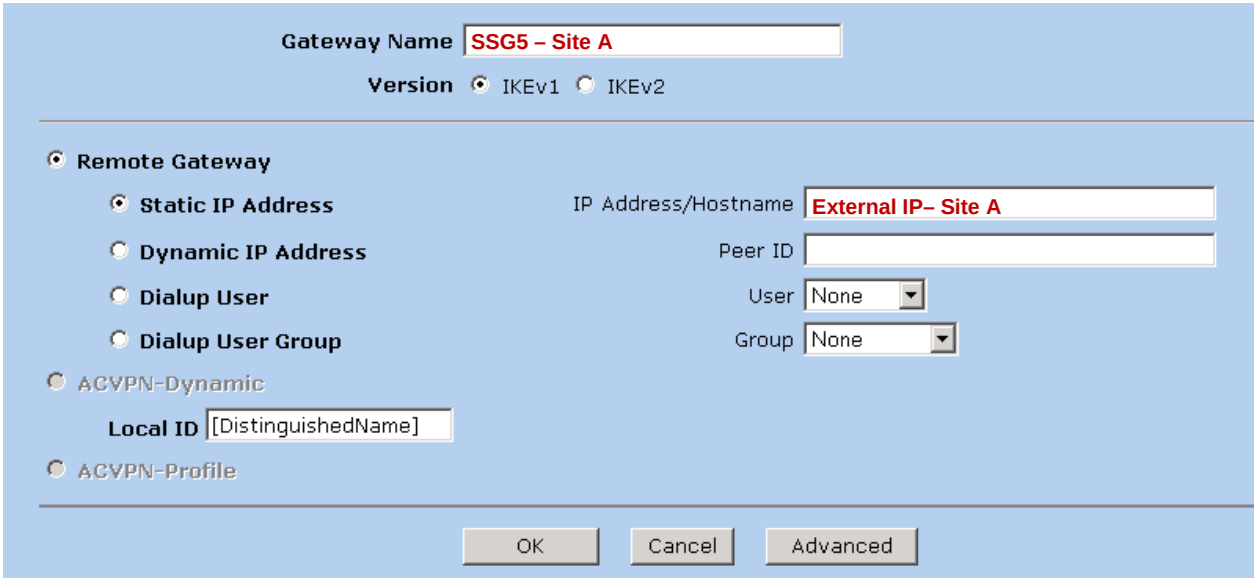
David Rupprechter / rupprechter@dotlike.net / www.dotlike.net / 2011

First of all open the menu item „Gateway“ in „VPNs“.

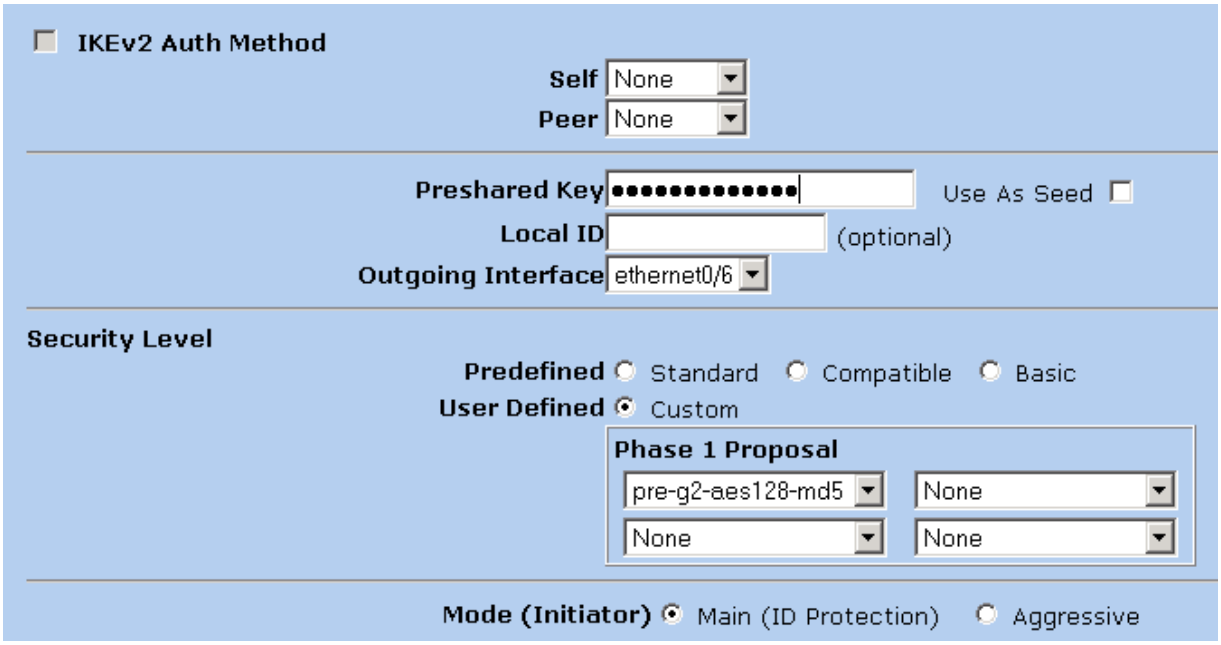
Create a gateway like this on Site A:



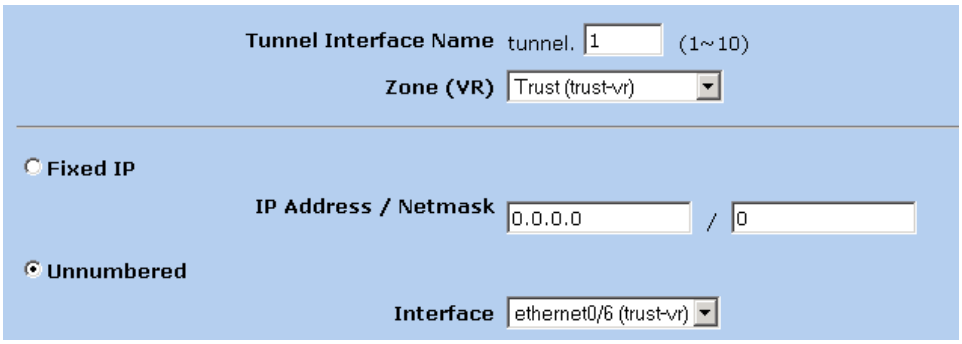
Create a gateway like this on Site B:



Advanced details are nearly the same on both sites. Define identical “preshared key” and “Phase 1 Proposal”. For outgoing interface please select the port which is connected to the internet. If you have multiple internet uplinks select the interface with the IP address which was specified as VPN-gateway-IP on the other site.

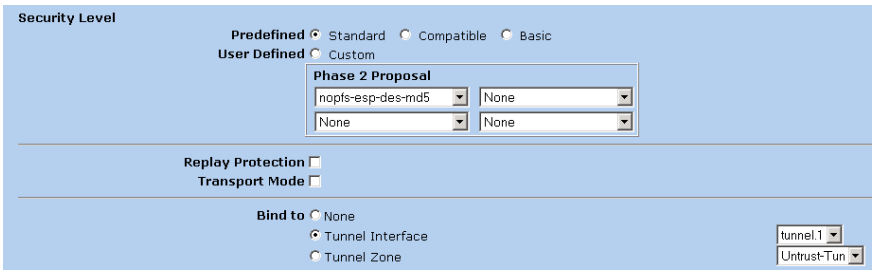


Go to “Network” -> “Interfaces” -> “List” and choose New (Tunnel IF):



Select the same interface as before when creating the gateway. Create the tunnel.

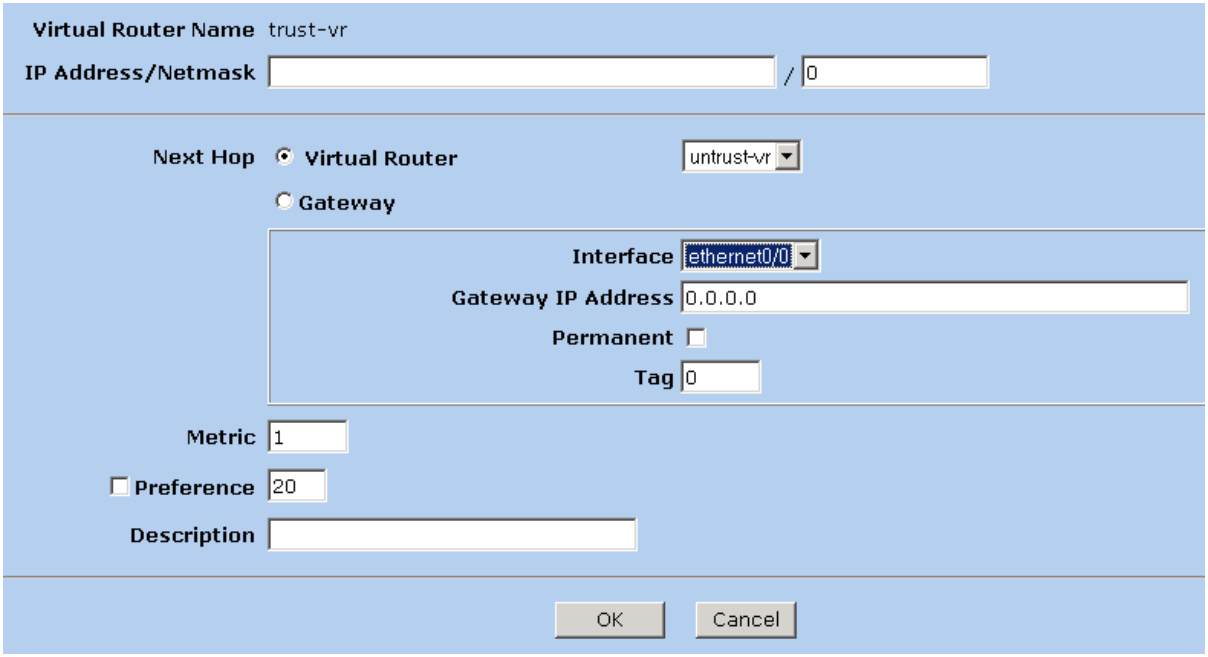
These steps are identical on both sites
Choose “AutoKey IKE” and select “New”:
As gateway select the created gateway. Click on “Advanced”. Choose a “Phase 2 Proposal” and select the before create “Tunnel Interface”.



Now open the menu item “Destination” in “Network” -> “Routing”. Add a new “trust-vr”-Route by clicking on “New”.

On both Juniper SSG5 create a route:

SSG5 – Site A:	IP Address/Netmask:	Site-B-External IP / 32
	Gateway IP Address:	Site-A-External IP
	Interface:	Interface of “Site-A-External IP”
SSG5 – Site B:	IP Address/Netmask:	Site-A-External IP / 32
	Gateway IP Address:	Site-B-External IP
	Interface:	Interface of “Site-B-External IP”



If you want to route the private network to the other site of the vpn you have to create a new route on both sites. Select the appropriate tunnel-interface when creating the rule. Leave Gateway-IP empty.

SSG5 – Site A:	IP Address/Netmask:	192.168.0.0 / 24
	Gateway IP Address:	0.0.0.0
	Interface:	*Tunnel Interface for VPN to Site B*
SSG5 – Site B:	IP Address/Netmask:	192.168.0.0. / 24
	Gateway IP Address:	0.0.0.0
	Interface:	*Tunnel Interface for VPN to Site A*

You are done! Check the event log for errors.