

Test Result

Passed Case:

Role	k8s	scc	crd-controller	cnf
overlay	v1.17.0	old version	latest version	0.5.1
hub/edge-1/edge-2	v1.23.0		latest version	0.5.1

Failed Case:

case1:

Role	k8s	scc	crd-controller	cnf
overlay	v1.23.0	new version	latest version	0.5.1
hub/edge-1/edge-2	v1.23.0		latest version	0.5.1

case2:

Role	k8s	scc	crd-controller	cnf
overlay	v1.23.0	new version	latest version	0.5.0
hub/edge-1/edge-2	v1.23.0		latest version	0.5.0

Bugs:

1. CNF can't auto load cacert "CN=overlay1-cert" from
`/etc/ipsec.d/cacerts/localtodevice*_ca.pem`.
 - If multiple cacerts in one file, Strongswan only can load the first cert through `ipsec rereadall`.
 - Do not find the root cause.
2. If the Default NAT CR added the Iptables rule to CNF before the Data Plane Tunnel is established, it will add a wrong rule without an interface name.

