SA/VNF
OSSM
SM
VNFM or EM
Initial State - VNF secure personalization and policy initial provisioning protocol executed successfully
1
Use existing or new mutually authenticated secure transport channel (Sec Credentials)
2
Manual/auto policy update triggered by tenant, network, admin, threat mitigation, etc.
3
UpdatePolicy (Tenant-ID, Policy)
4
Update database - associates new policy with VNF Security Groups and SA/VNFs
5
UpdatePolicyOnAll SA/VNFs (SecurityGroup-ID, Policy)
6a
PushPolicyUpdate (VNF-ID, SA-ID, PolicyList)
6b
PushPolicyUpdate (VNF-ID, SA-ID, PolicyList)
7
Personalization and policy update pushed successfully to all SA/VNFs
Final State - Network wide SA/VNFs updated with new policy
8
Activate network-wide new policy - comms with SDN, virt./phys. switches