



Sample AutoVNF VNF Configuration File

```
autovnf:secure-token em-login
  user    ubuntu
  password *****
!
autovnf:secure-token admin
  user    admin
  password *****
!
autovnf:secure-token oper
  user    admin
  password *****
!
autovnf:secure-token security
  user    admin
  password *****
!
autovnf:secure-token staros
  user    admin
  password *****
!
autovnf-vnfm:secure-token netconf
  user    admin
  password *****
!
autovnf:network-catalog management-saegw
  pre-created CF-MGMT
  type      vlan
  ip-prefix 192.168.30.0/24
  dhcp      false
  ip-allocation-pool 192.168.30.200 192.168.30.202
!
!
autovnf:network-catalog orchestration-saegw
  pre-created ORCH
  type      vlan
  ip-prefix 192.168.50.0/24
  dhcp      false
  gateway   192.168.50.1
  ip-allocation-pool 192.168.50.204 192.168.50.209
!
!
autovnf:network-catalog di-internal-saegw
  pre-created DI-INTERNAL1
  type      vlan
  ip-prefix 192.168.211.0/24
  dhcp      false
  ip-allocation-pool 192.168.211.10 192.168.211.15
!
!
autovnf:network-catalog service-network-saegw-1
  pre-created SERVICE-NETWORK1
```

```

type          vlan
ip-prefix    192.168.201.0/24
dhcp         false
ip-allocation-pool 192.168.201.200 192.168.201.204
!
!
autovnf:network-catalog service-network-saegw-2
pre-created SERVICE-NETWORK2
type          vlan
ip-prefix    2600:4:200:ae21::/123
dhcp         false
ip-allocation-pool 2600:4:200:ae21::4 2600:4:200:ae21::7
!
!
autovnf:vdu-catalog em-saegw
vdu-type      element-manager
login-credential em-login
scm admin admin
scm oper oper
scm security security
ha-type       one-to-one
health-check-frequency 10
health-probe-max-miss 6
recovery-type recovery-restart
image pre-created EM-Image-2104
flavor pre-created EM
flavor anti-affinity-placement true
!
autovnf:vdu-catalog vdu-cf-saegw
vdu-type      control-function
login-credential staros
ha-type       one-to-one
health-check-frequency 10
health-probe-max-miss 6
recovery-type recovery-restart
image pre-created CF-Image-2104
neds netconf
ned-id        cisco-staros-nc
port-number   830
authentication staros
!
flavor pre-created spr-cf
flavor anti-affinity-placement true
configuration staros_config.txt
apply-at      day-zero
source-url    file:///opt/cisco/usp/uploads/system-saegw.cfg
!
!
autovnf:vdu-catalog vdu-sf-saegw
vdu-type      session-function
upp cores     30
upp crypto-cores 0
upp service-mode vpc
upp disable-mcdma false
upp disable-numa false
upp param IFTASK_CORES
value 30

ha-type       one-to-one
health-check-frequency 10
health-probe-max-miss 6
recovery-type recovery-restart
image pre-created SF-Image-2104
flavor pre-created spr-sf
flavor anti-affinity-placement true
!
deployments ugp-saegw
enable-vim      false
vnfm-instance   vnfm-pre-created-esc
vim id          vim1

```

```

vim user saegw
vim project saegw
vnf-em vdu-id          em-saegw
vnf-em high-availability true
vnf-em ha-vip         192.168.50.203
vnf-em orchestration-network orchestration-saegw
vnf-em orchestration-fixed-ip 192.168.50.200
!
vnf-em orchestration-fixed-ip 192.168.50.201
!
vnf-em orchestration-fixed-ip 192.168.50.202
!
vnf-param type vpc
vnf-param configuration domain-name cisco.com
!
vnf-param configuration dns-servers 171.70.168.183
!
vnf-param configuration dns-servers 171.78.189.11
!
vnf-param configuration DI_INTERFACE_MTU 1500
!
vnf-param configuration alive-timeout 600
!
vnf-param internal-network di-internal-saegw
!
infra-element-groups di-chassis
instances 1
vdu CF
vdu-ref          vdu-cf-saegw
instances        2
high-availability true
ha-vip           192.168.30.202
ha-network       management-saegw
instance-volume 0
volume HD-RAID1
  type          LUKS
  bus           ide
  bootable      false
!
volume cf1-boot-2104
  type          LUKS
  bus           ide
  bootable      true
!
!
instance-volume 1
volume HD-RAID2
  type          LUKS
  bus           ide
  bootable      false
!
volume cf2-boot-2104
  type          LUKS
  bus           ide
  bootable      true
!
!
interfaces di_intf
  network di-internal-saegw
!
interfaces mgmt
  network management-saegw
  uplink-actions mount-ned-nc
!
  allowed-address-pair 192.168.40.0/24
  allowed-address-pair 192.168.60.0/24
!
!
interfaces orch
  network orchestration-saegw
!
!
vdu SF

```

```
vdu-ref vdu-sf-saegw
instances 4
interfaces di_intf
  network di-internal-saegw
  !
interfaces orch
  network orchestration-saegw
  !
interfaces svc_intf1
  network service-network-saegw-1
  allowed-address-pair 0.0.0.0/0
  !
  !
interfaces svc_intf2
  network service-network-saegw-2
  allowed-address-pair ::/0
  !
  !
!
```