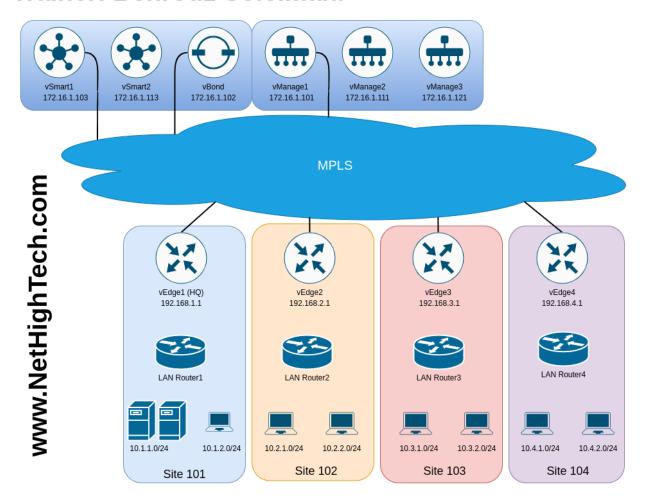Cisco SD-WAN Class
Trainer: Behrouz Soleimani
www.nethightech.com
nethightech@gmail.com

Scenario Name: Single Home - Access List Policy Configuration

# Cisco SD-WAN LAB-3
# Trainer: Behrouz Soleimani

www.NetHighTech.com

vSmart1
172.16.1.103

vSmart2
172.16.1.113

vBond
172.16.1.102

vManage1
172.16.1.101

vManage2
172.16.1.111

vManage3
172.16.1.121

MPLS

vEdge1 (HQ)
192.168.1.1

vEdge2
192.168.2.1

vEdge3
192.168.3.1

vEdge4
192.168.4.1

LAN Router1

LAN Router2

LAN Router3

LAN Router4

10.1.1.0/24       10.1.2.0/24

10.2.1.0/24       10.2.2.0/24

10.3.1.0/24       10.3.2.0/24

10.4.1.0/24       10.4.2.0/24

Site 101

Site 102

Site 103

Site 104

vSmart1 Configuration:

```
vSmart1(config)#
vSmart1(config)# policy
vSmart1(config-policy)#  data-policy _ClassVPN_ClassDataPolicy
vSmart1(config-data-policy-_ClassVPN_ClassDataPolicy)#   vpn-list ClassVPN
vSmart1(config-vpn-list-ClassVPN)#     sequence 1
vSmart1(config-sequence-1)#     match
vSmart1(config-match)#      source-data-prefix-list Class-src
vSmart1(config-match)#      destination-data-prefix-list Class-dst

vSmart1(config-match)#     action drop
vSmart1(config-action)#     exit
vSmart1(config-sequence-1)#   default-action accept


vSmart1(config-vpn-list-ClassVPN)#  lists
vSmart1(config-lists)#   data-prefix-list Class-dst
vSmart1(config-data-prefix-list-Class-dst)#    ip-prefix 192.168.11.1/32

vSmart1(config-data-prefix-list-Class-dst)#   data-prefix-list Class-src
vSmart1(config-data-prefix-list-class-src)#    ip-prefix 192.168.13.1/32

vSmart1(config-data-prefix-list-class-src)#   site-list ClassSite
vSmart1(config-site-list-ClassSite)#    site-id 101-104
vSmart1(config-site-list-ClassSite)#   !
vSmart1(config-site-list-ClassSite)#   vpn-list ClassVPN
vSmart1(config-vpn-list-ClassVPN)#    vpn 10

vSmart1(config-vpn-list-ClassVPN)# apply-policy
vSmart1(config-apply-policy)# site-list ClassSite
vSmart1(config-site-list-ClassSite)#   data-policy _ClassVPN_ClassDataPolicy from-service
vSmart1(config-site-list-ClassSite)# commit
```