
- name: Configure FTD HA Pair

hosts: vfmc

connection: httpapi

gather_facts: false

vars:

ha_name: "FTD-1-FTD-2-HA"

ha_key: "ftd1ftd2"

tasks:

- name: Get Domain UUID

cisco.fmcansible.fmc_configuration:

operation: getAllDomain

register: domains

- name: Get Device Group

cisco.fmcansible.fmc_configuration:

operation: getAllDeviceGroup

path_params:

domainUUID: "{{ domains.uuid }}"

filters:

name: "HQ-DataCenter-Grp"

register: device_group

- name: Get FTD-1 Device (Primary)

cisco.fmcansible.fmc_configuration:

operation: getAllDevice

path_params:

domainUUID: "{{ domains.uuid }}"

filters:

name: "ftd-1"

register: ftd1

- name: Get FTD-2 Device (Secondary)

cisco.fmcansible.fmc_configuration:

operation: getAllDevice

path_params:

domainUUID: "{{ domains.uuid }}"

filters:

name: "ftd-2"

register: ftd2

- name: Get GigabitEthernet0/4 Interface for FTD-1

cisco.fmcansible.fmc_configuration:

operation: getAllFTDPhysicalInterface

path_params:

domainUUID: "{{ domains.uuid }}"

containerUUID: "{{ ftd1.id }}"

filters:

name: "GigabitEthernet0/4"

register: ftd1_ha_interface

- name: Create FTD HA Pair

cisco.fmcansible.fmc_configuration:

operation: "createFTDHADeviceContainer"

data:

primary: {'id': "{{ ftd1.id }}" } # FTD-1 as primary

secondary: {'id': "{{ ftd2.id }}" } # FTD-2 as secondary

name: "{{ ha_name }}"

type: DeviceHAPair

ftdHABootstrap:

isEncryptionEnabled: false

encKeyGenerationScheme: CUSTOM

sharedKey: "{{ ha_key }}"

useSameLinkForFailovers: true

lanFailover:

useIPv6Address: false

subnetMask: 255.255.255.0

interfaceObject:

id: "{{ ftd1_ha_interface.id }}"

type: PhysicalInterface

name: GigabitEthernet0/4

standbyIP: 172.19.0.22 # IP for FTD-2 (Secondary)

logicalName: HA-LINK

activeIP: 172.19.0.21 # IP for FTD-1 (Primary)

path_params:

domainUUID: "{{ domains.uuid }}"

register: ha_pair

- name: Add HA Pair to Device Group

cisco.fmcansible.fmc_configuration:

operation: addDeviceGroupDevice

data:

id: "{{ ha_pair.id }}"

type: DeviceHAPair

path_params:

domainUUID: "{{ domains.uuid }}"

objectId: "{{ device_group.id }}"