



# VDI

## Virtual Machine Multi-VLAN Deployment

Version 5.4.5



## Change Log

Date	Change Description
Dec 20, 2020	Version 5.4.5 document release.

# CONTENT

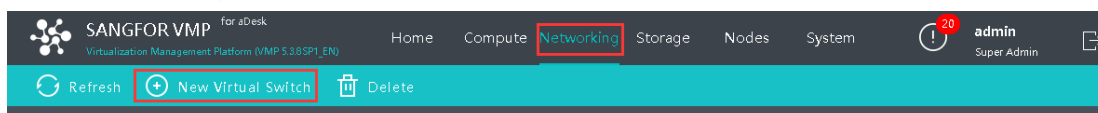
Chapter 1 Application Scenarios .....	1
Chapter 2 Configuration on VMP .....	1
Chapter 3 Configuration on Switch .....	2
Chapter 4 Precautions .....	2

## Chapter 1 Application Scenarios

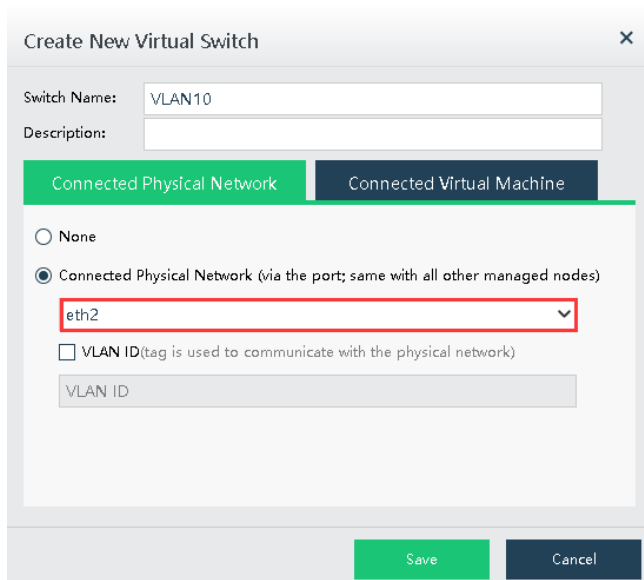
When the virtual machine has only one business physical interface, we need to divide two VLANs (VLAN10 and VLAN20) for the virtual machine to use. And need to ensure that the virtual machine can access the gateway normally.

## Chapter 2 Configuration on VMP

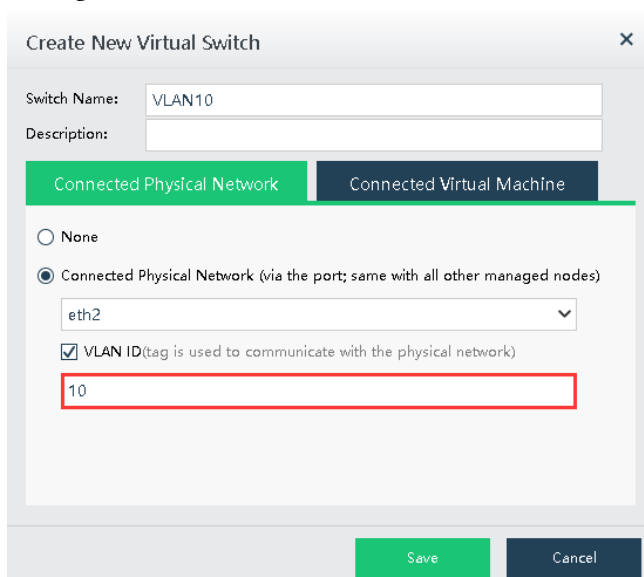
1. Go to **Networking** and select “New Virtual Switch”.



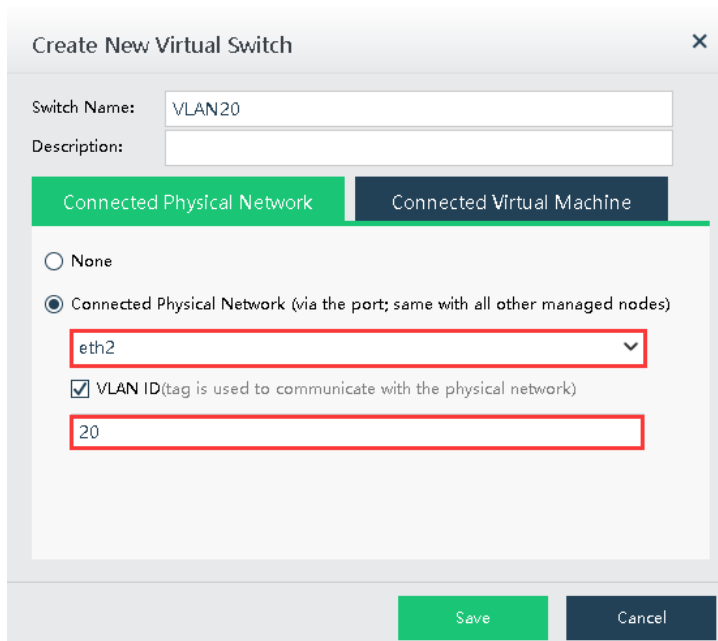
2. Selecting eth2 as the physical interface that can connect to the physical network.



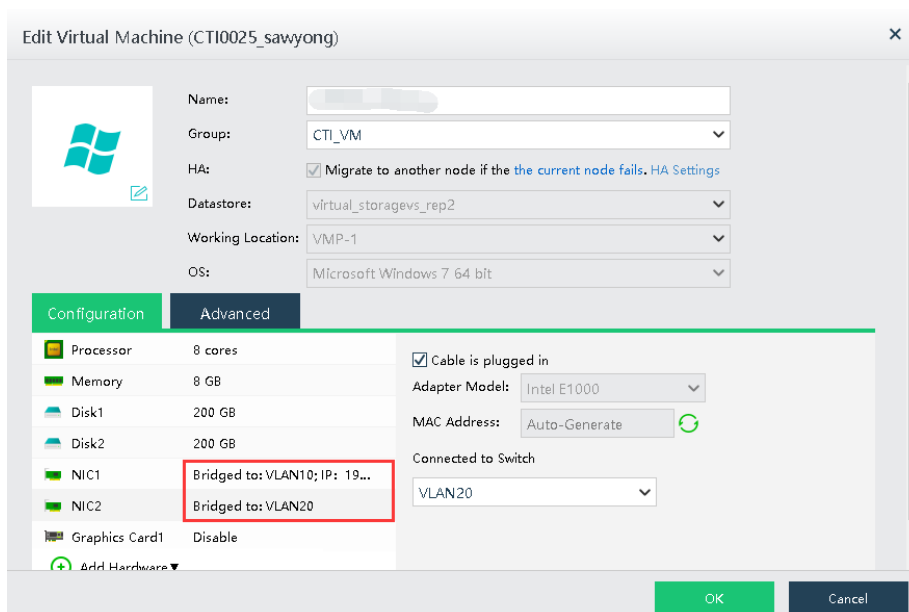
3. Setting the VLAN ID of the virtual switch to 10.



- 4. Use the same method to create a **VLAN 20** virtual switch.



- 5. After creating the switch with VLAN, you can modify the virtual machine card NIC and connect to the appropriate VLAN switch.



## Chapter 3 Configuration on Switch

If Cisco Switch interface connected VMP physical interface eth2.

Configuration Example:

```
switch# configure terminal
switch(config)# interface ethernet 3/1
switch(config-if)# switchport mode trunk
switch(config-if)# switchport trunk allow vlan 10,20
```

## Chapter 4 Precautions

1. If a VMP cluster is deployed, the business interface of each nodes needs to be connected to a physical switch.
2. Different switch manufacturers have different VLAN configuration methods. It is recommended to consult the corresponding engineer for other switch VLAN configuration.
3. The VLAN tagging will be tagged on the VMP switch before traffic transfer to the physical switch. Please make sure the physical switch is using trunk mode but not access mode.



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