

Modifier le nom d'un commutateur virtuel "vSwitch" sous ESXi

Attention cette configuration comporte des risques en cas de problème au niveau du fichier de configuration.

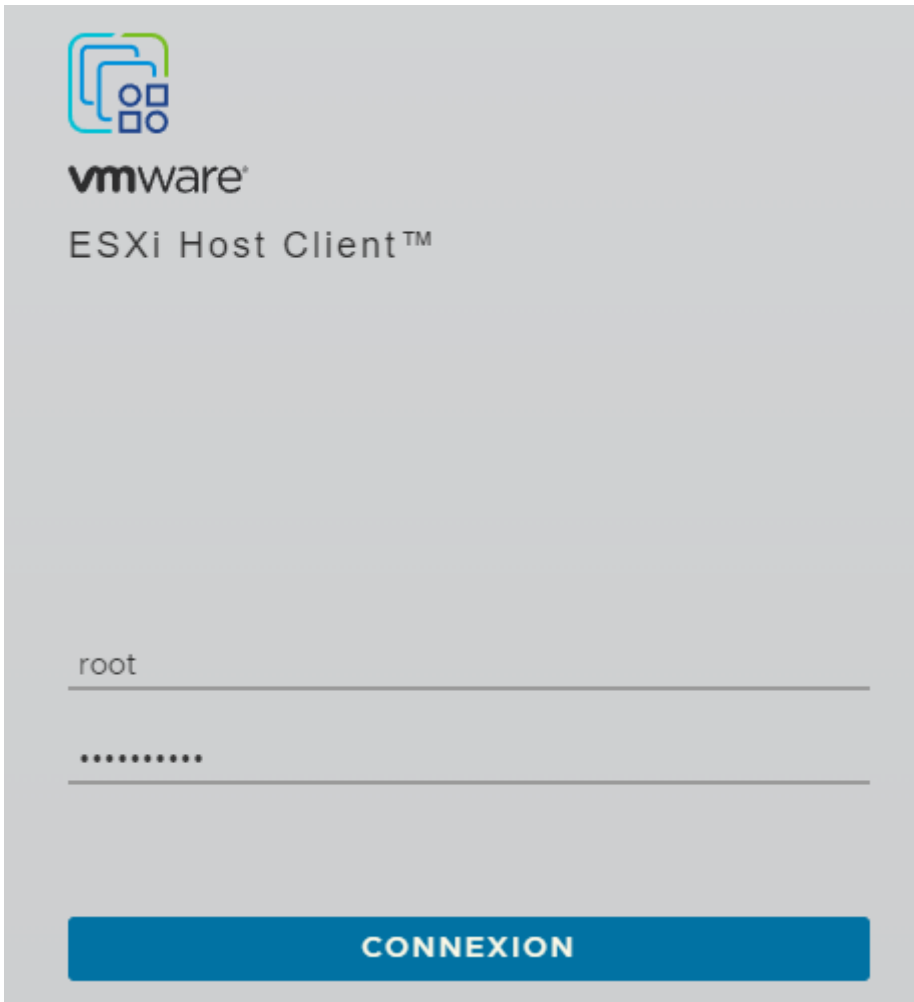
Le serveur n'aura plus du tout d'accès au réseau, en cas de problème afin de rétablir le réseau sur le serveur il faudra réinitialiser la configuration de l'ESXi.

Cette manipulation supprimera les données de configuration (configuration réseau, utilisateur et autres)

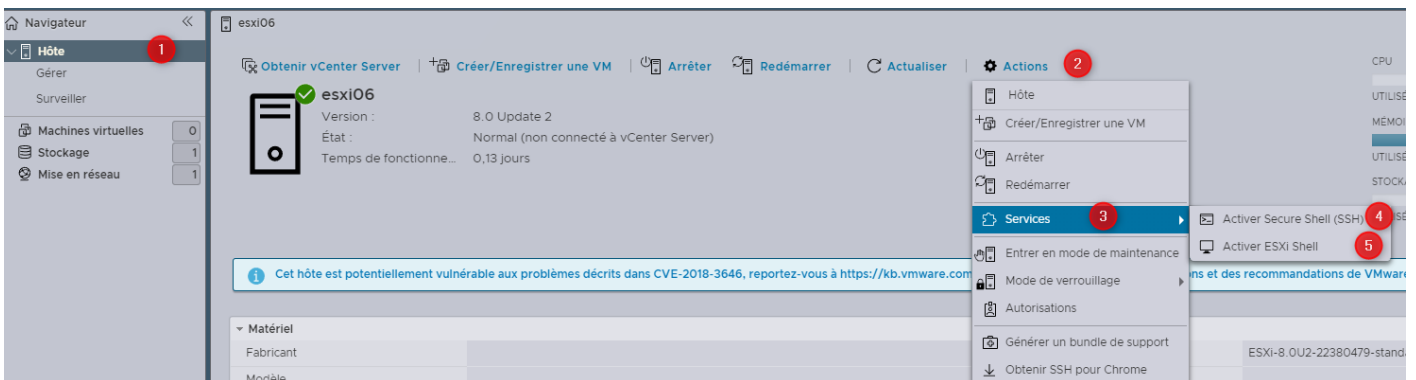
Mais elle ne supprimera pas les données des machines virtuelles.

Il faudra les rajouter manuellement depuis les emplacement dans les disques durs du serveur ESXi

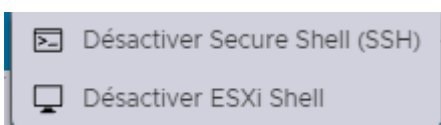
1- Se connecter avec un utilisateur administrateur à ESXi



2- Activer le SSH et le ESXi Shell



Une fois activée:



3- Se connecter en SSH au serveur ESXi via utilisateur administrateur

```
The time and date of this login have been sent to the system logs.  
  
WARNING:  
  All commands run on the ESXi shell are logged and may be included in  
  support bundles. Do not provide passwords directly on the command line.  
  Most tools can prompt for secrets or accept them from standard input.  
  
VMware offers powerful and supported automation tools. Please  
see https://developer.vmware.com for details.  
  
The ESXi Shell can be disabled by an administrative user. See the  
vSphere Security documentation for more information.  
sh: 0: unknown operand  
[root@esxi06:~] █
```

4- Afficher la configuration du réseau actuel du vSwitch de l'ESXi

```
configstorecli config current get -c esx -g network_vss -k switches
```

```
[root@esxi06:~] configstorecli config current get -c esx -g network_vss -k switches
[
  {
    "bridge": {
      "link_discovery_protocol": {
        "operation": "LISTEN",
        "protocol": "CDP"
      },
      "nics": [
        "vmnic0"
      ]
    },
    "name": "vSwitch0",
    "policy": {
      "nic_teaming": {
        "active_nics": [
          "vmnic0"
        ],
        "link_criteria_beacon": "IGNORE",
        "notify_switches": true,
        "policy": "LOADBALANCE_SRCID",
        "rolling_order": false,
        "standby_nics": []
      },
      "security": {
        "allow_promiscuous": false,
        "forged_transmits": false,
        "mac_changes": false
      }
    },
    "port_groups": [
      {
        "name": "Management Network",
        "policy": {
          "nic_teaming": {
            "active_nics": [
              "vmnic0"
            ],
            "link_criteria_beacon": "IGNORE",
            "notify_switches": true,
            "policy": "LOADBALANCE_SRCID",
            "rolling_order": false,
            "standby_nics": []
          }
        },
        "vlan_id": 0
      },
      {
        "name": "VM Network",
        "vlan_id": 0
      }
    ]
  }
]
```

5- Exporter la configuration actuelle dans un fichier JSON

```
configstorecli config current get -c esx -g network_vss -k switches > vswitch.json
```

```
[root@esxi06:~] configstorecli config current get -c esx -g network_vss -k switches > vswitch.json  
[root@esxi06:~] █
```

6- Contrôler que le fichier a bien été créé

```
ls
```

```
[root@esxi06:~] ls  
altbootbank  bootpart.gz  etc          lib64        locker       productLocker  store      tmp          vmfs  
bin          bootpart4kn.gz  include     local.tgz   opt         sbin          tardisks  usr          vmimages  
bootbank    dev          lib         local.tgz.ve  proc       scratch       tardisks.noauto  var          vswitch.json
```

7- Ouvrir le fichier "vswitch.json"

```
vi vswitch.json
```

```
[
{
  "bridge": {
    "link_discovery_protocol": {
      "operation": "LISTEN",
      "protocol": "CDP"
    },
    "nics": [
      "vmnic0"
    ]
  },
  "name": "vSwitch0",
  "policy": {
    "nic_teaming": {
      "active_nics": [
        "vmnic0"
      ],
      "link_criteria_beacon": "IGNORE",
      "notify_switches": true,
      "policy": "LOADBALANCE_SRCID",
      "rolling_order": false,
      "standby_nics": []
    },
    "security": {
      "allow_promiscuous": false,
      "forged_transmits": false,
      "mac_changes": false
    }
  },
  "port_groups": [
    {
      "name": "Management Network",
      "policy": {
        "nic_teaming": {
          "active_nics": [
            "vmnic0"
          ],
          "link_criteria_beacon": "IGNORE",
          "notify_switches": true,
          "policy": "LOADBALANCE_SRCID",
          "rolling_order": false,
          "standby_nics": []
        }
      },
      "vlan_id": 0
    },
    {
      "name": "VM Network",
      "vlan_id": 0
    }
  ]
}
]
~
~
- vswitch.json 1/53 1%
```

8- Rechercher la ligne qui correspond au vSwitch à renommer

```
    ],  
    },  
    "name": "vSwitch0",  
    "policy": {  
      "nic_teaming": {  
        "active_nics": [  
          "vmnic0"  
        ],  
        "link_criteria_beacon": "IGNORE",  
        "notify_switches": true,  
        "policy": "LOADBALANCE_SRCID",  
        "rolling_order": false,  
        "standby_nics": []  
      },  
      "security": {  
        "allow_promiscuous": false
```

9- Appuyez sur la touche "ins" afin de pouvoir ajouter du texte



10- Une fois la modification effectuée appuyez sur la touche "ins"

```
},  
"name": "ESXi06-vSwitch0",  
"policy": {  
  "nic_teaming": {  
    "active_nics": [  
      "vmnic0"  
    ],  
    "link_criteria_beacon": "IGNORE",  
    "notify_switches": true,  
    "policy": "LOADBALANCE_SRCID",  
    "rolling_order": false,  
    "standby_nics": []  
  }  
}
```

11- Ensuite sauvegarder les données et fermer le document

Via la touche "ESC" ensuite ":" et taper "wq!"

```
[
  {
    "bridge": {
      "link_discovery_protocol": {
        "operation": "LISTEN",
        "protocol": "CDP"
      },
      "nics": [
        "vmnic0"
      ]
    },
    "name": "ESXi06-vSwitch0",
    "policy": {
      "nic_teaming": {
        "active_nics": [
          "vmnic0"
        ],
        "link_criteria_beacon": "IGNORE",
        "notify_switches": true,
        "policy": "LOADBALANCE_SRCID",
        "rolling_order": false,
        "standby_nics": []
      },
      "security": {
        "allow_promiscuous": false,
        "forged_transmits": false,
        "mac_changes": false
      }
    },
    "port_groups": [
      {
        "name": "Management Network",
        "policy": {
          "nic_teaming": {
            "active_nics": [
              "vmnic0"
            ],
            "link_criteria_beacon": "IGNORE",
            "notify_switches": true,
            "policy": "LOADBALANCE_SRCID",
            "rolling_order": false,
            "standby_nics": []
          }
        },
        "vlan_id": 0
      },
      {
        "name": "VM Network",
        "vlan_id": 0
      }
    ]
  }
]
~
~
:wq!
```


12- Charger la nouvelle configuration à partir du fichier "JSON" modifié

```
configstorecli config current set --overwrite -c esx -g network_vss -k switches -j vswitch.json
```

```
[root@esxi06:~] configstorecli config current set --overwrite -c esx -g network_vss -k switches -j vswitch.json  
Set: completed successfully
```

13- redémarrez le serveur ESXi

```
reboot
```

Nom
 ESXi06-vSwitch0

Revision #1

Created 22 September 2023 21:47:17 by Admin

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