

# How to create VM from array by PowerCli

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Create **3 Slaves** for controller, cinder, compute nodes with hardware configuration

- RAM: 4 GB
- HDD: 20 GB
- Network: x 3
  - eth0: connect to Admin PXE network
  - eth1: VM Network
  - eth2: VM Network

```
$esxi_host_ip='172.16.219.130'  
$hddGB_capacity=5  
$memoryGB_capacity=4  
  
$node_array=@('slave-3nics-controller', 'slave-3nics-cinder', 'slave-3nics-compute')  
foreach ($node_name in $node_array) {  
    $objVM=new-vm -vmhost $esxi_host_ip -name $node_name -diskGB  
    $hddGB_capacity -memoryGB $memoryGB_capacity -guestId centos64Guest  
    -networkname 'Admin-PXE' -DiskStorageFormat thin  
    new-networkadapter -vm $objVM -networkname "VM Network" -wakeonlan  
    -startconnected  
    new-networkadapter -vm $objVM -networkname "VM Network" -wakeonlan  
    -startconnected  
}
```

## ROLLBACK:

**remove all nodes**

```
$node_array=@('fuel-master', 'slave-3nics-controller', 'slave-3nics-cinder',  
'slave-3nics-compute')  
foreach ($node_name in $node_array) {  
    Remove-VM -vm $node_name -DeletePermanently  
}
```