

# Xen New VM

## Find ISO SR UUID

```
xe sr-list
```

```
“ uuid ( RO) : XXXXXXXX-XXXXX-XXX-XXXX-XXXXXXXXX  
  name-label ( RW): data01  
  host ( RO): <shared>  
  type ( RO): nfs  
  content-type ( RO): user
```

## Find name of template

```
xe template-list
```

```
xe vm-install template="<template_name>" new-name-label=<name_for_vm> sr-  
uuid=<storage_repository_uuid>
```

## Example

```
xe vm-install template="Ubuntu Bionic Beaver 18.04" new-name-label=test.myhypervisor.ca sr-  
uuid=<storage_repository_uuid>
```

## Find UUID for VM

```
xe vm-list
```

```
“ uuid ( RO) : XXXXXXXXXXXXXXXXXXXXXXXX  
  name-label ( RW): test.myhypervisor.ca  
  power-state ( RO): halted
```

## Find ISO UUID

```
xe cd-list
```

```
uuid ( RO) : XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
name-label ( RW): ubuntu-18.04.2-live-server-amd64.iso
```

## Find network UUID

```
xe network-list bridge=xenbr0 --minimal
```

## List virtual drive

```
xe vm-disk-list vm=<vm-uuid>
```

VDB is the ISO assigned on the VM, VDI is the virtual drive

```
“ Disk 0 VBD:
  uuid ( RO) : XXXXXXXXXXXXXXXXXXXXXXXXXXXxx
  vm-name-label ( RO): test.myhypervisor.ca
  userdevice ( RW): 0
```

```
Disk 0 VDI:
  uuid ( RO) : XXXXXXXXXXXXXXXXXXXXXXXXXXXxx
  name-label ( RW): 0
  sr-name-label ( RO): data01
  virtual-size ( RO): 10737418240
```

## Add ISO

```
xe vm-cd-add uuid=<vm-uuid> cd-name=ubuntu-18.04.2-live-server-amd64.iso device=1
xe vm-param-set HVM-boot-policy="BIOS order" uuid=<vm_uuid>
```

## Add network on VM

```
xe vif-create vm-uuid=<vm_uuid> network-uuid=<network_uuid> device=0
```

## Add VM RAM

```
xe vm-memory-limits-set uuid=<uuid of the valid VM> static-min=<nn>GiB/MiB dynamic-
min=<nn>GiB/MiB dynamic-max=<nn>GiB/MiB static-max=<nn>GiB/MiB
```

## Increase VDI

```
xe vdi-resize uuid=<vdi-uuid> disk-size=15GiB
```

## Start VM

```
xe vm-start uuid=<vm-uuid>
```

## Get id

```
list_domains | grep <vm-uuid>
```

```
“ 3 | XXXXXXXXXXXXXXXX | B H
```

## First number is the domid

```
xl console <dom-id>
```

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