Parshvanath Charitable Trust's

A. P. SHAH INSTITUTE OF TECHNOLOGY

(Approved by AICTE New Delhi & Govt. of Maharashtra, Affiliated to University of Mumbai)
(Religious Jain Minority)

Department of Information Technology

Academic Year: 2019-20
Semester: VI
Class / Branch: TE IT
Subject: CSDL
Name of Instructor: Prof.Nahid Sheikh

Name of Student:Aniket Gaikwad
Student ID:17104032
Date of Performance:17-01-2020
Date of Submission:17-01-2020

Experiment No. 02

Aim: : Implementation of Desktop Virtualization using Hosted Hypervisors

Commands for kvm installation:

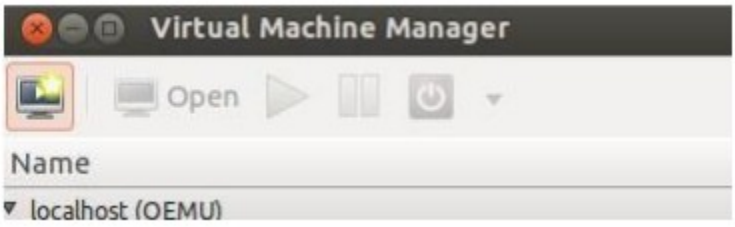
1]egrep -c '(vmx|svm)' /proc/cpuinfo

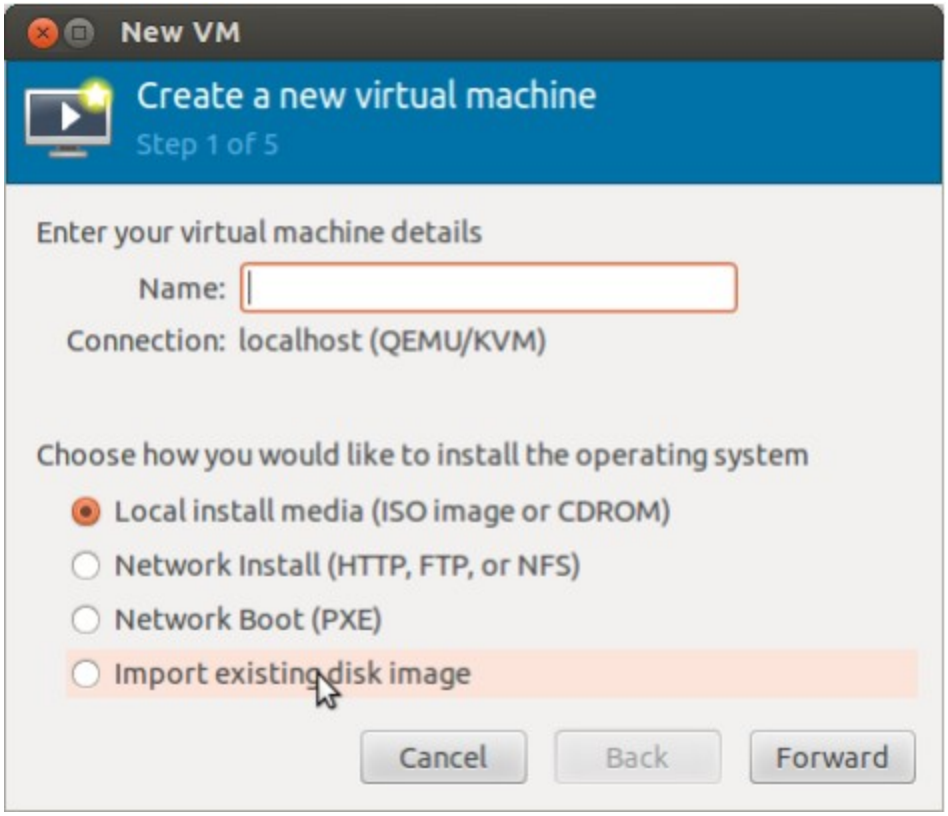
2]sudo apt-get install qemu-kvm libvirt-bin ubuntu- vm-builder bridge-utils

3]sudo adduser `id -un` libvirtd

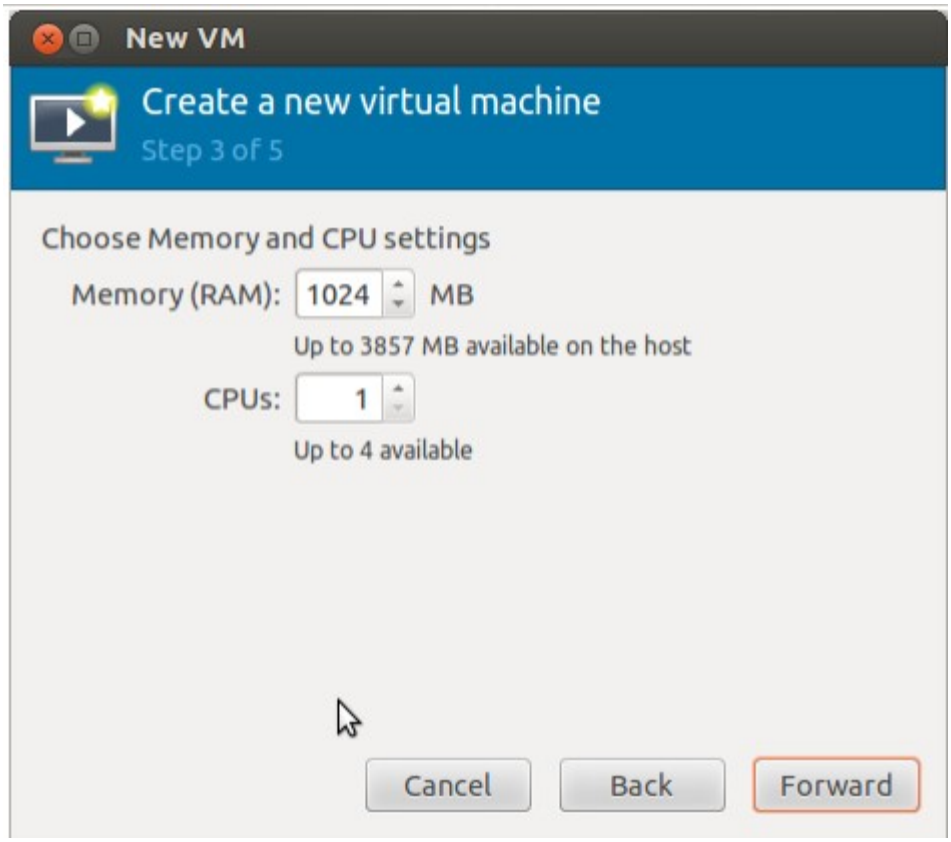
4]sudo apt-get install virt-manager

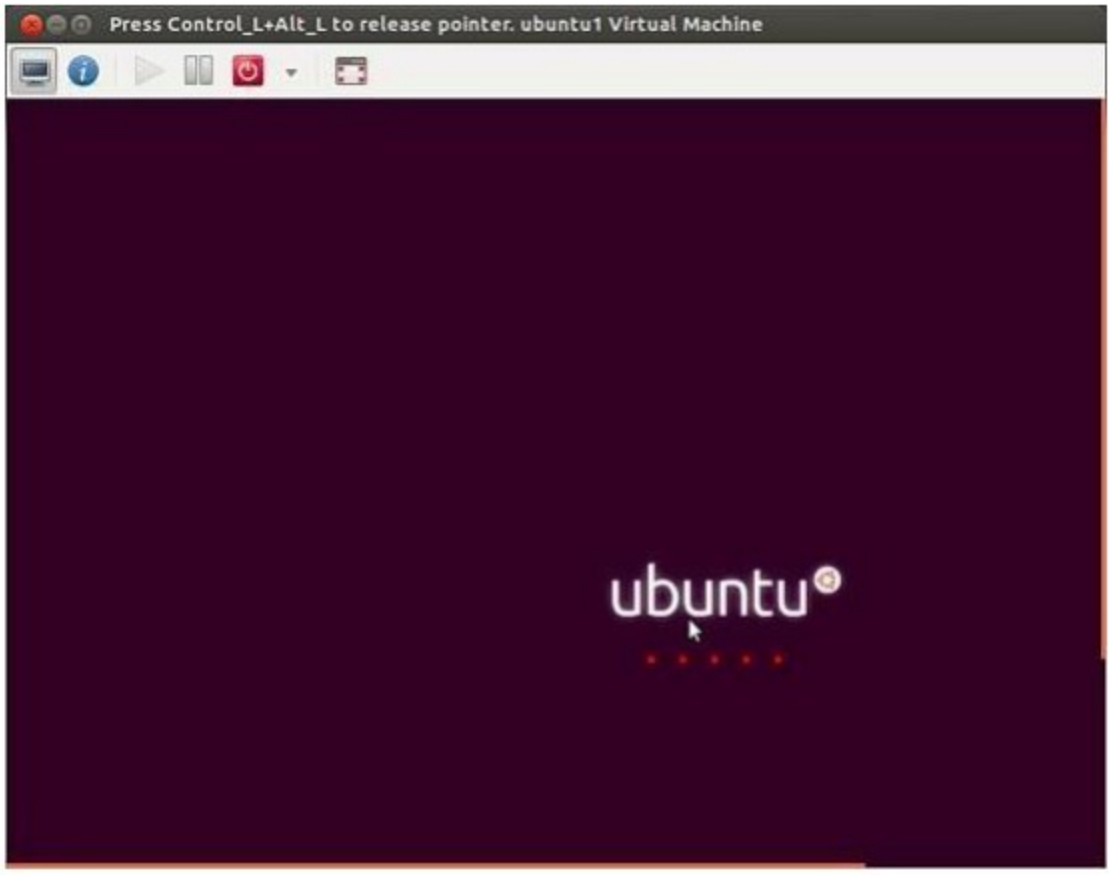
5]virtmanager




New VM
Create a new virtual machine
Step 1 of 5
Enter your virtual machine details
Name:
Connection: localhost (QEMU/KVM)
Choose how you would like to install the operating system
Local install media (ISO image or CDROM)
Network Install (HTTP, FTP, or NFS)
Network Boot (PXE)
Import existing disk image
Cancel
Back
Forward


New VM
Create a new virtual machine
Step 2 of 5
Locate your install media
Use CDROM or DVD
Use ISO image:
Browse...
Choose an operating system type and version
OS type: Linux
Version: Ubuntu 14.04 LTS (Trusty Tahr)
Cancel
Back
Forward


New VM
Create a new virtual machine
Step 3 of 5
Choose Memory and CPU settings
Memory (RAM):
1024
MB
Up to 3857 MB available on the host
CPUs:
1
Up to 4 available
Cancel
Back
Forward


Press Control_L+Alt_L to release pointer. ubuntu1 Virtual Machine
ubuntu

Conclusion:

Hence we studied how to setup environment for kvm and tested it by installing ubuntu iso.