# Module 9 : Assignment 1

### Tasks To Be Performed:

- 1. Create a Linux VM and install Apache2 on it
- 2. Create Recovery Services vault
- 3. Take backup of the VM deployed

### **Solution:**

1. Create a Linux VM and install Apache2 on it

### Create a resource group

Basics Tags Review + create		
resources for the solution, or only those res	lated resources for an Azure solution. The resource group can include all the ources that you want to manage as a group. You decide how you want to don what makes the most sense for your organization. Learn more 다	ne
Project details		
Subscription * ①	Free Trial	$\vee$
Resource group * ①	Module9	<b>~</b>
Resource details		
Region * ①	(Asia Pacific) Central India	$\vee$

Review + create

< Previous

Next : Tags >

Home > Virtual machines > Create a virtual machine Help me create a low cost VM Help me create a VM optimized for high availability Help me choose the right VM size for my workload Basics Disks Networking Management Monitoring Advanced Tags Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image. Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization. Learn more ♂ 1 This subscription may not be eligible to deploy VMs of certain sizes in certain regions. Project details Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources. Subscription \* ① Free Trial Resource group \* ① Module9 Create new Instance details Virtual machine name \* ① Module9Vm Region \* ① (Asia Pacific) Central India Availability options ① No infrastructure redundancy required Security type 🛈 Trusted launch virtual machines

O Ubuntu Server 24.04 LTS - x64 Gen2 (free services eligible)

Configure security features

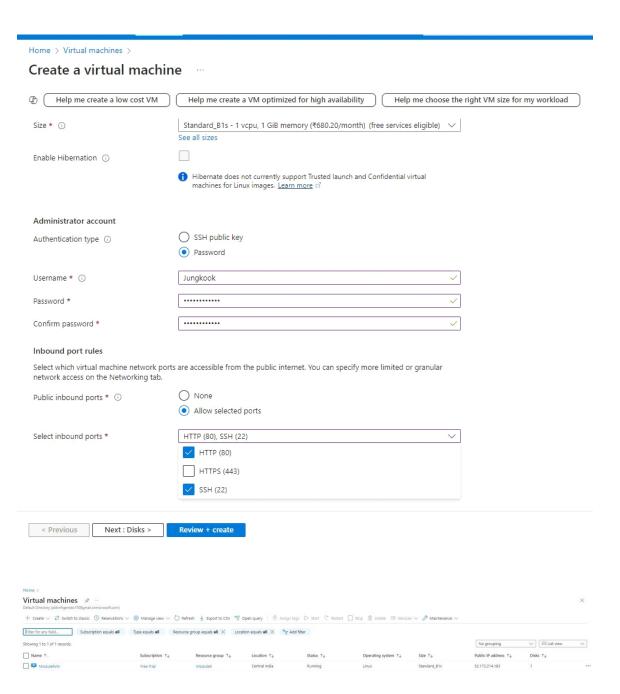
Arm64

( x64

See all images | Configure VM generation

Image \* ①

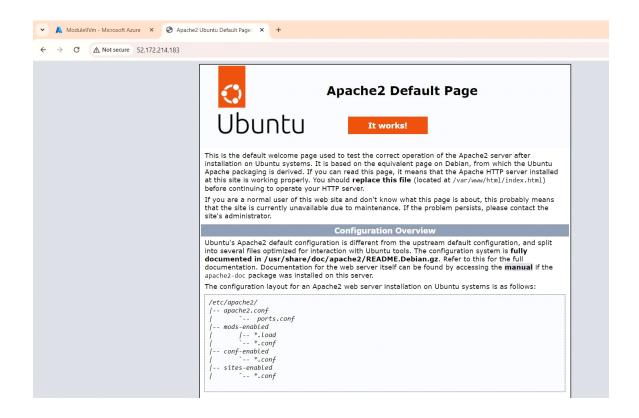
VM architecture ①



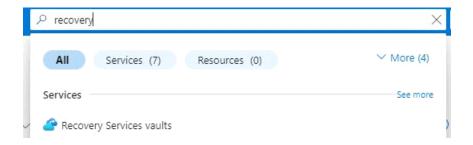
Jungkook@Module9Vm:~\$ sudo apt-get update

Reading package lists... Done Jungkook@Module9Vm:~\$ sudo apt-get install apache2

```
Jungkook@Module9Vm:~$ sudo systemctl status apache2
  apache2.service - The Apache HTTP Server
     Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabled)
     Active: active (running) since Wed 2024-09-11 15:11:46 UTC; 2min 19s ago
       Docs: https://httpd.apache.org/docs/2.4/
  Main PID: 2686 (apache2)
      Tasks: 55 (limit: 1004)
     Memory: 5.8M (peak: 6.0M)
       CPU: 45ms
     CGroup: /system.slice/apache2.service
              -2686 /usr/sbin/apache2 -k start
              -2689 /usr/sbin/apache2 -k start
             -2690 /usr/sbin/apache2 -k start
Sep 11 15:11:46 Module9Vm systemd[1]: Starting apache2.service - The Apache HTTP Server...
Sep 11 15:11:46 Module9Vm systemd[1]: Started apache2.service - The Apache HTTP Server.
Jungkook@Module9Vm:~$
```

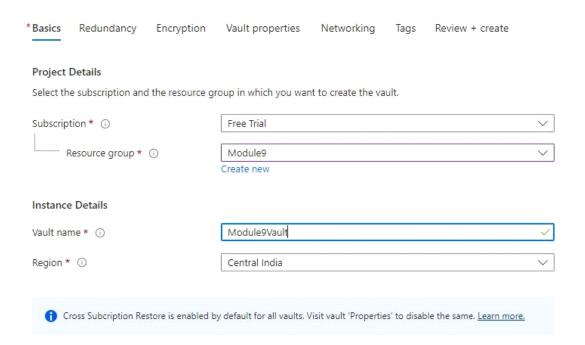


#### 2. Create Recovery Services vault



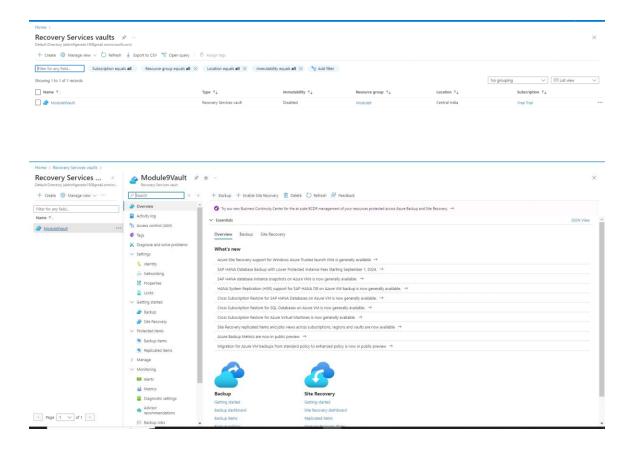
Home > Recovery Services vaults >

## Create Recovery Services vault



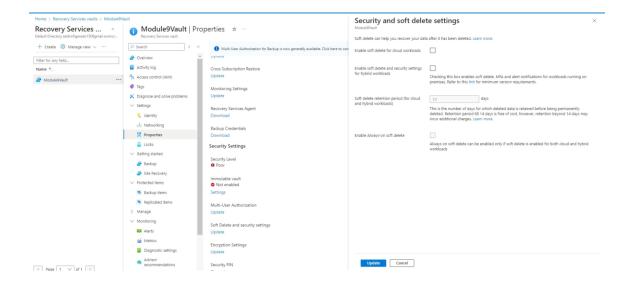
Review + create

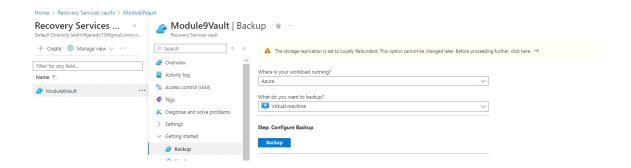
Next: Redundancy

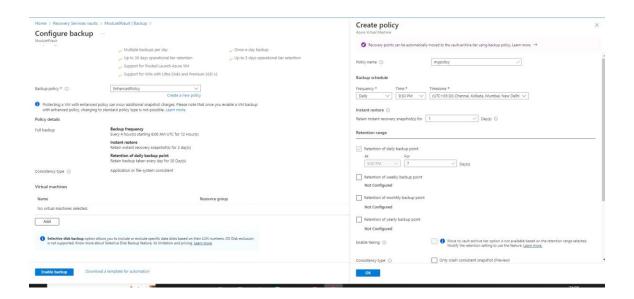


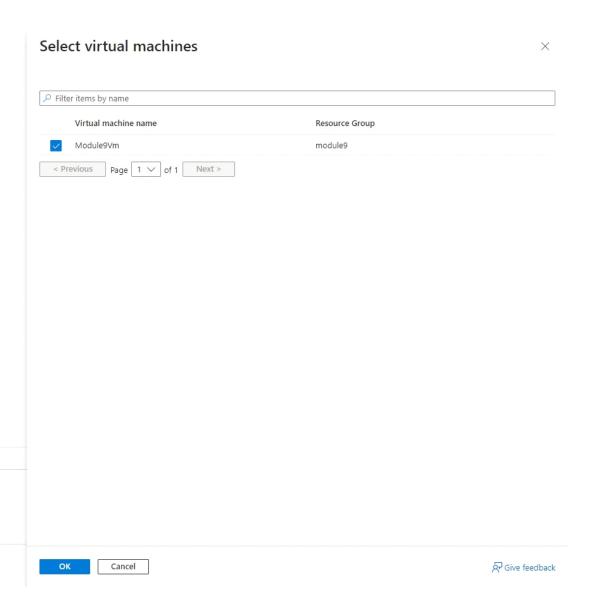
### 3. Take backup of the VM deployed

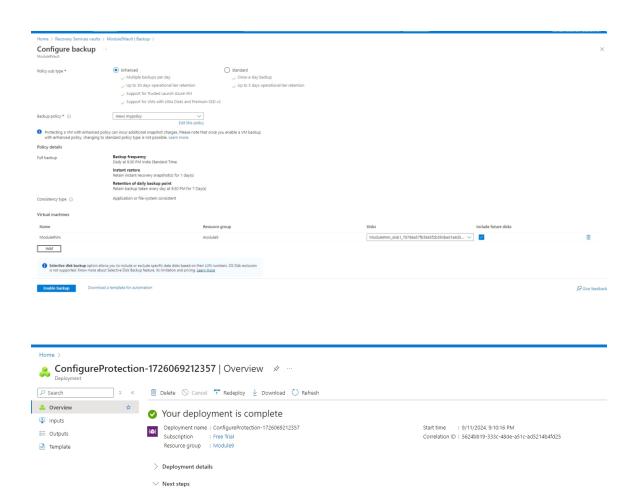












Go to resource

