**1. Use the Previously Created Apache2 VM**

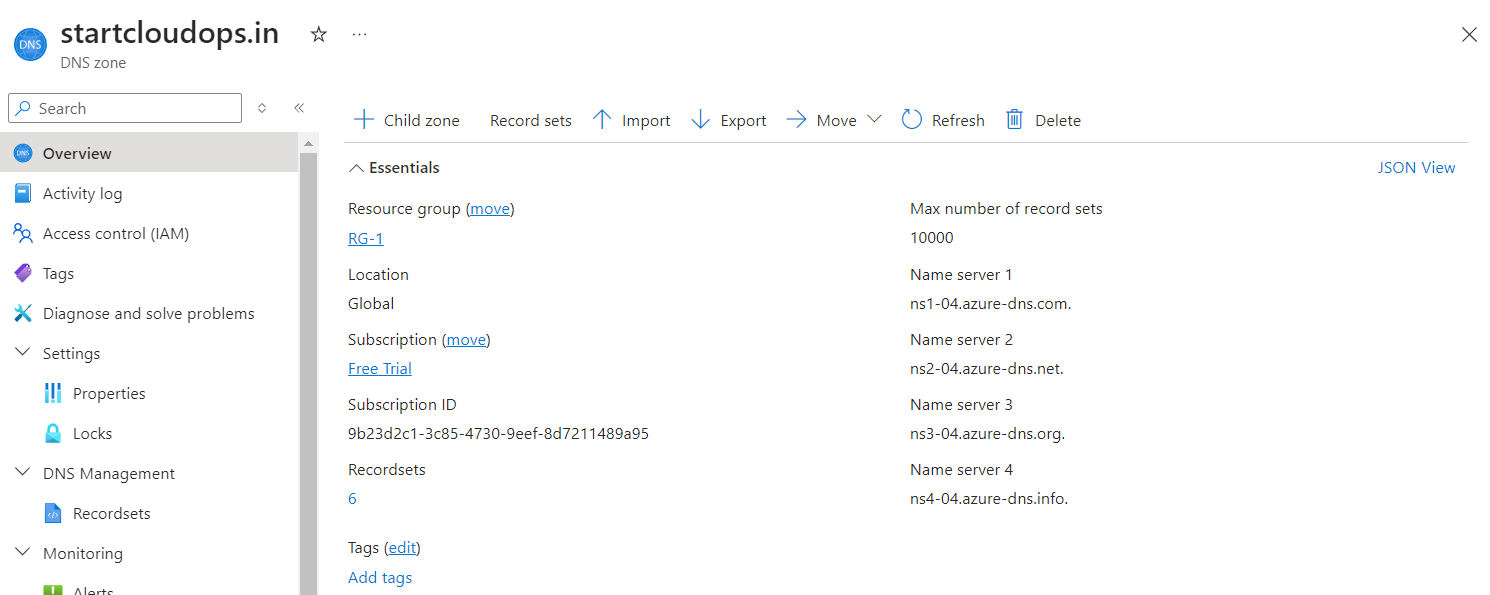
* Ensure that your **Apache2 VM** is running and accessible by its public IP address.

**2. Get a Domain**

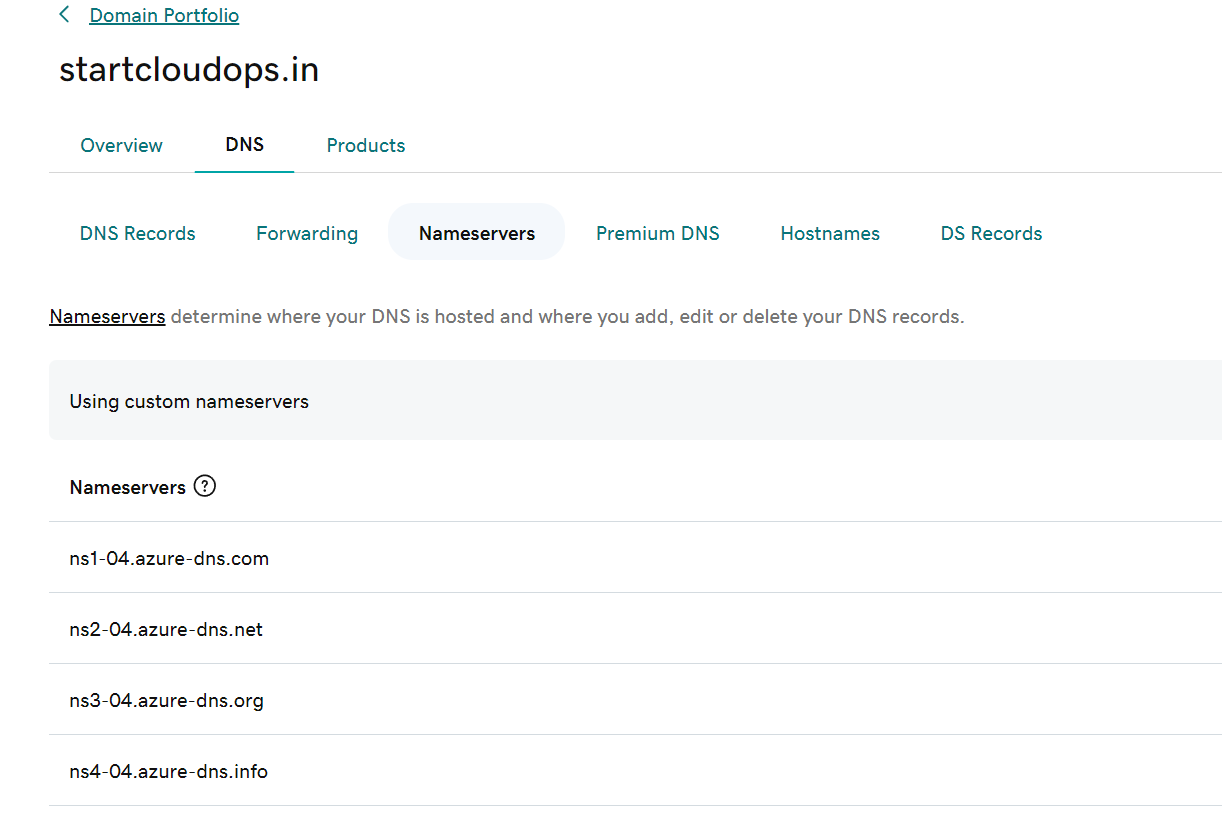
1. **Register a Domain**:
   * In the homepage search bar, enter the domain name you want to register.
   * Select one of domain extensions (.in).
   * Click on “Get it Now,” then proceed by clicking on **Checkout**.
2. **Configure the Domain**:
   * Set the registration period.
3. **Complete the Registration**:
   * Complete the checkout process, and you will receive a confirmation email once the domain is successfully registered.

**3. Use Azure DNS to Point the Domain to Your VM’s IP**

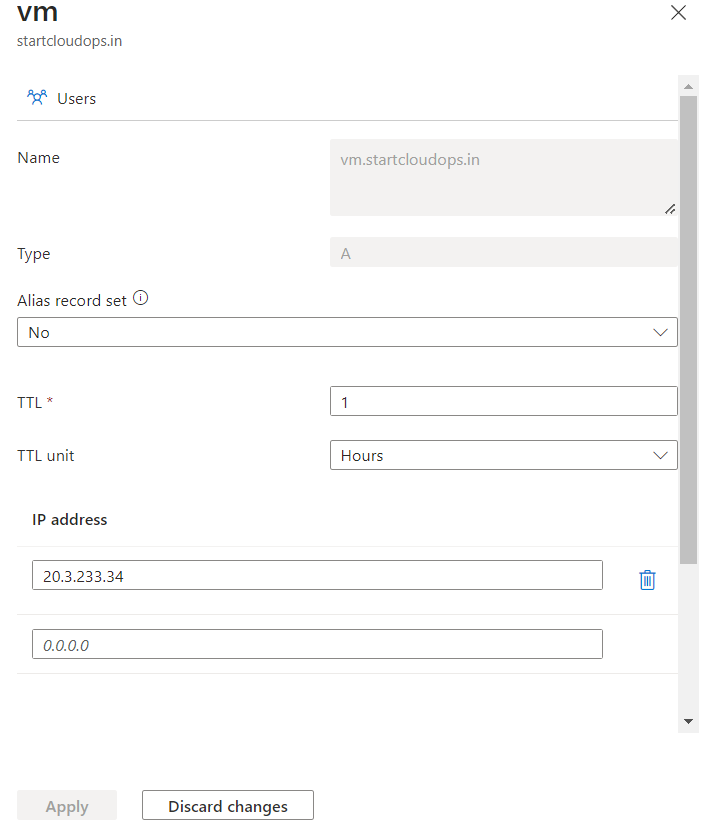
1. **Create an Azure DNS Zone**:
   * In **Azure Portal**, navigate to **DNS Zones**.
   * Click on **Create**.
   * Choose the same **resource group** as your VM and enter the domain name (startcloudops.in).
   * Select the appropriate **subscription** and **resource group** for this DNS zone.
   * Click **Review + Create**, then **Create**.
2. **Get the Azure DNS Name Servers**:
   * After the DNS zone is created, open it, and you will see the **Name servers**



1. **Update Name Servers** :
   * Log in to your **domain account**.
   * Go to **Services** > **My Domains** > **Manage Domain** > **Management Tools** > **Nameservers**.
   * Select **Use Custom Nameservers**, and input the Azure DNS nameservers copied from the Azure portal.
   * Click **Save Changes**.



1. **Create an A Record in Azure DNS**:
   * In the **Azure DNS Zone**, click on **+ Record set**.
   * Set the **Name** to @ (this represents the root domain).
   * Set the **Type** to A (for an A record).
   * Enter your **VM’s public IP** address in the **IP address** field.
   * Click **OK** to save the record.



**4. Verify Domain Configuration**

* **Wait for DNS propagation**, which might take a few minutes to a couple of hours.
* Open a browser and visit your free domain (vm.startcloudops.in).

