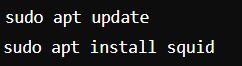
1. **Setup CC proxy in Azure VM.**

**Ans:**

* **Step 1: Create an Azure Virtual Machine**
* Create a Resource Group:
* Go to the Azure portal.
* Navigate to "Create a resource" > "Resource group".
* Provide a name and region for the resource group.
* Create a Virtual Machine:
* Navigate to "Create a resource" > "Compute" > "Virtual Machine".
* Fill in the basic details (name, region, image, size, etc.).
* Choose an appropriate size based on your needs (e.g., Standard B1s for a basic proxy setup).
* Create a new administrative account and configure authentication (password or SSH key).
* In the "Networking" tab, ensure you allow inbound traffic on necessary ports (e.g., HTTP: 80, HTTPS: 443).
* Review and create the VM.
* **Step 2: Configure Network Security Group (NSG)**
* Allow Inbound Traffic:
* Go to the VM's "Networking" settings.
* Click on the "Network interface" and then on "Network security group".
* Add inbound security rules to allow traffic on the ports CC Proxy will use. Common ports include:
* HTTP: 80
* HTTPS: 443
* Other custom ports as needed (e.g., 8080)
* **Step 3: Install CC Proxy on the Azure VM**
* Connect to the VM:
* Use Remote Desktop Protocol (RDP) if you chose a Windows VM, or SSH if it's a Linux VM.
* Download and Install CC Proxy:
* For a Windows VM, open a browser and download CC Proxy from the official website.
* For a Linux VM, you might need Wine to run CC Proxy, or use an alternative like Squid Proxy.
* For Windows VM:
* Download CC Proxy from here.
* Run the installer and follow the installation steps.
* For Linux VM (using Squid Proxy as an alternative)



* **Step 4: Configure CC Proxy**
* Configure CC Proxy (Windows):
* Open CC Proxy after installation.
* Set up the necessary proxy settings:
* Go to "Options".
* Configure the ports and other settings as needed.
* Set up authentication if required.
* Configure Squid Proxy (Linux):
* Open the Squid configuration file:



* Configure the necessary settings (e.g., HTTP access, ACLs).
* Restart the Squid service:



* **Step 5: Test the Proxy**
* Check the Proxy Server:
* On a different machine, configure the proxy settings in your web browser or network settings to point to the IP address of the Azure VM and the configured port.
* Test to see if the traffic is being routed through the proxy.
* Verify Connectivity:
* Ensure that the proxy server is correctly forwarding requests and handling traffic as expected.
* Optional: Set Up a Startup Script (Linux)
* Create a Startup Script:
* If you're using Squid or another Linux-based proxy, you might want to ensure it starts on boot. This can be done by enabling the service:

