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| **DOCUMENT RULES:** | |
| **Task Number / Name:** | **Task Static ip** |
| **Task name & column name should be written:** | **Bold (CTRL+B)** |
| **Commands should be written in the after # sign:** | ***Italic (CTRL+I) #hostname*** |
| **Output photo should be cropped or compressed:**  **Photo could be more than one:**  **If you need extra lines, add the line next after it:** | ***Description photo should be with title bar (CTRL + I + B)*** |
| **All other text should be written:** | **Standard** |
| **Font name and text size:** | **Calibri and 9** |

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| **#** | **Task names** | **Command steps and outputs** |
| **1** | 1. **Lab requirements:**   **-We need 1 Ubuntu VM on Desktop Hypervisor with Snapshoot**  **- MobaXterm terminal Client software should access to guest VM** | **Ubuntu 18.04 Bionic Beaver mini.iso** |
| **2** | 1. **Check status of firewall and take screenshot of the CLI output.** 2. **If firewall is not installed left it as have.** 3. **Give permanent SSH access from.** 4. **SSH virtual port is 22. If SSH server is not installed, please install it.** 5. **To be check connectivity use commands.** 6. **Update the system and application.** | **For instance: start, stop, enable, disable, status** |
|  | **First, find the name of the active network interfaces that you want to configure. To do so run the following command:** | **ip a** |
|  | 1. **The Netplan default configuration file is under the directory /etc/netplan. You can find that using the following command:** | **ls /etc/netplan/** |
|  | 1. **To view the content of Netplan network configuration file, run the following command:** | **cat /etc/netplan/\*.yaml** |
|  | 1. **Now you will need to open the configuration file in any editor: As I am using Nano editor to edit the configuration file, so I will run:** | **sudo nano /etc/netplan/\*.yaml** |
|  | 1. **Update the configuration file as per your networking needs. For static IP addressing, add the IP address, Gateway, DNS information while for dynamic IP addressing, there is no need to add this information as it will get this information from DHCP server. Use the following syntax to edit the configuration file.**  Configure static IP address in Ubuntu | **network:**  **Version: 2**  **Renderer: NetworkManager/ networkd**  **ethernets:**  **DEVICE\_NAME:**  **Dhcp4: yes/no**  **Addresses: [IP\_ADDRESS/NETMASK]**  **Gateway: GATEWAY**  **Nameservers:**  **Addresses: [NAMESERVER\_1, NAMESERVER\_2]** |
|  | 1. **Test it** |  |
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