Step 1: Access the Pfsense Web Interface

- Launch the web browser and enter the LAN IP address of your pfSense firewall.
- Log in with your pfSense credentials.

Step 2: Navigate to DHCP Server Configuration

- After logging in, locate the Services tab.
- Selecting the DHCP Server from the drop-down menu.

Step 3: Enable DHCP Server

- In the DHCP Server configuration page, locate the interface where we want to enable DHCP and enable the DHCP server on the selected interface.

Step 4: Configure DHCP Settings

- Go to the DHCP Server Configuration section for the selected interface.
- Specify the range of IP addresses to be leased out by the DHCP server. Enter the Start and End IP addresses accordingly.
- Setting the Lease Time, which determines how long each IP address lease will last.
- Optionally, configure additional settings such as Gateway, DNS servers, and domain name.

Step 5: Save and Apply Changes

- Once all DHCP settings are configured to your requirements, click on the 'Save' button to save the changes.

General Options

Enable	☑ Enable DHCP server on GUESTNET interface
BOOTP	☐ Ignore BOOTP queries
Deny unknown clients	Allow all clients When set to **Allow all clients**, any DHCP client will get an IP address within this scope/range on this interface. If set to **Allow known clients from any interface**, any DHCP client with a MAC address listed on ***any*** scope(s)/interface(s) will get an IP address. If set to **Allow known clients from only this interface**, only MAC addresses listed below (i.e. for this interface) will get an IP address within this scope/range.
Ignore denied clients	☐ Denied clients will be ignored rather than rejected. This option is not compatible with failover and cannot be enabled when a Failover Peer IP address is configured.
Ignore client identifiers	☐ If a client includes a unique identifier in its DHCP request, that UID will not be recorded in its lease. This option may be useful when a client can dual boot using different client identifiers but the same hardware (MAC) address. Note that the resulting server behavior violates the official DHCP specification.
Subnet	172.16.10.0
Subnet mask	255.255.255.0
Available range	172.16.10.1 - 172.16.10.254
Range	172.16.10.11 (From) — 172.16.10.200 (To)