

How to Configure DHCP to Assign IP Addresses Only to Known MAC Addresses

<https://campus.barracuda.com/doc/93198592/>

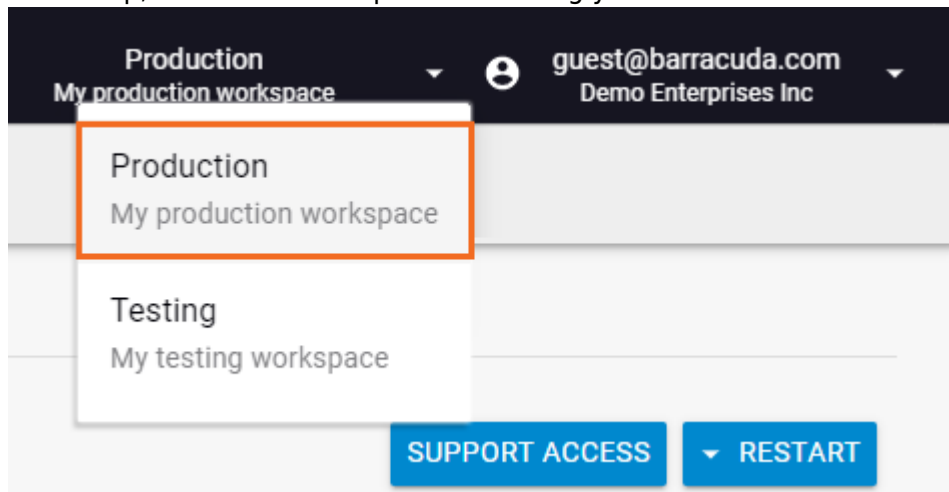
Barracuda CloudGen WAN can be configured to allow only clients with known MAC addresses to use the DHCP service of the site appliance. If a device has already received an IP address through the DHCP service, it will keep this IP address until the lease time is expired. For more information on the configuration of the lease time, see [How to Enable the DHCP Service on a Site Device](#).

Before You Begin

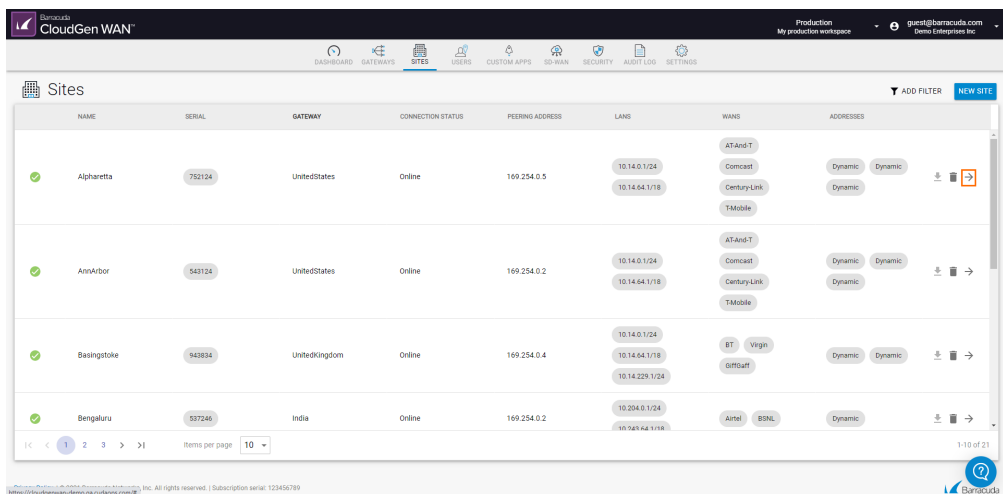
- The DHCP service must be enabled on the site appliance. For more information, see [How to Enable the DHCP Service on a Site Device](#).

Enable Only Allow Known MAC Addresses

1. Open <https://cloudgenwan.barracudanetworks.com/> in your web browser and log in with your existing Barracuda Cloud Control account.
2. At the top, select the workspace containing your site.

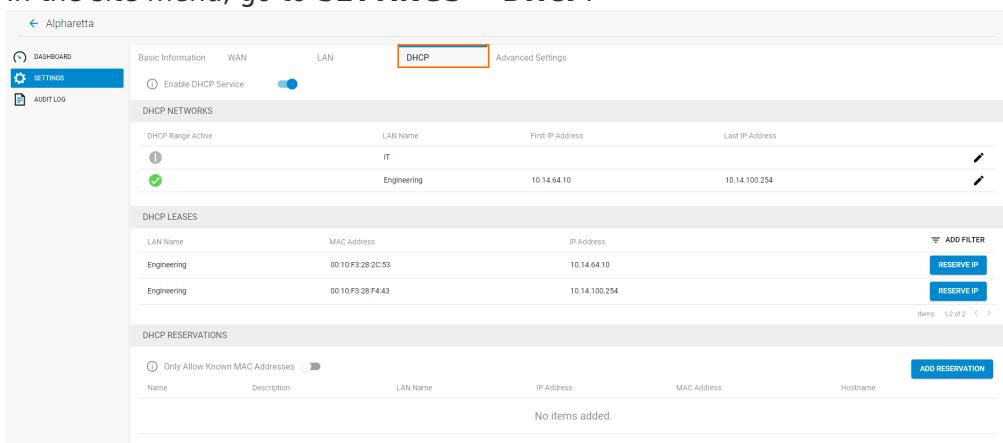


3. Click **SITES**.
4. Select the site you want to edit. You can either search for the name or serial, or use filters to tailor the list of displayed sites. You can also simply scroll through the list.
5. Click on the arrow icon next to site you want to edit.



NAME	SERIAL	GATEWAY	CONNECTION STATUS	PEERING ADDRESS	LANs	WANs	ADDRESSES
Alpharetta	751124	UnitedStates	Online	169.254.0.5	10.14.0.1/24 10.14.64.1/18	AT&T Comcast CenturyLink T-Mobile	Dynamic Dynamic
Ann Arbor	543124	UnitedStates	Online	169.254.0.2	10.14.0.1/24 10.14.64.1/18	AT&T Comcast CenturyLink T-Mobile	Dynamic Dynamic
Basingstoke	943834	UnitedKingdom	Online	169.254.0.4	10.14.0.1/24 10.14.64.1/18 10.14.229.1/24	BT Virgin Ordnance	Dynamic Dynamic
Bengaluru	597246	India	Online	169.254.0.2	10.204.0.1/24 10.145.64.1/18	Airtel BSNL	Dynamic

6. In the site menu, go to **SETTINGS > DHCP**.



Alpharetta

Basic Information | WAN | LAN | **DHCP** | Advanced Settings

Enable DHCP Service ☒

DHCP NETWORKS

DHCP Range Active	LAN Name	First IP Address	Last IP Address
<input type="checkbox"/>	IT		
<input checked="" type="checkbox"/>	Engineering	10.14.64.10	10.14.100.254

DHCP LEASES

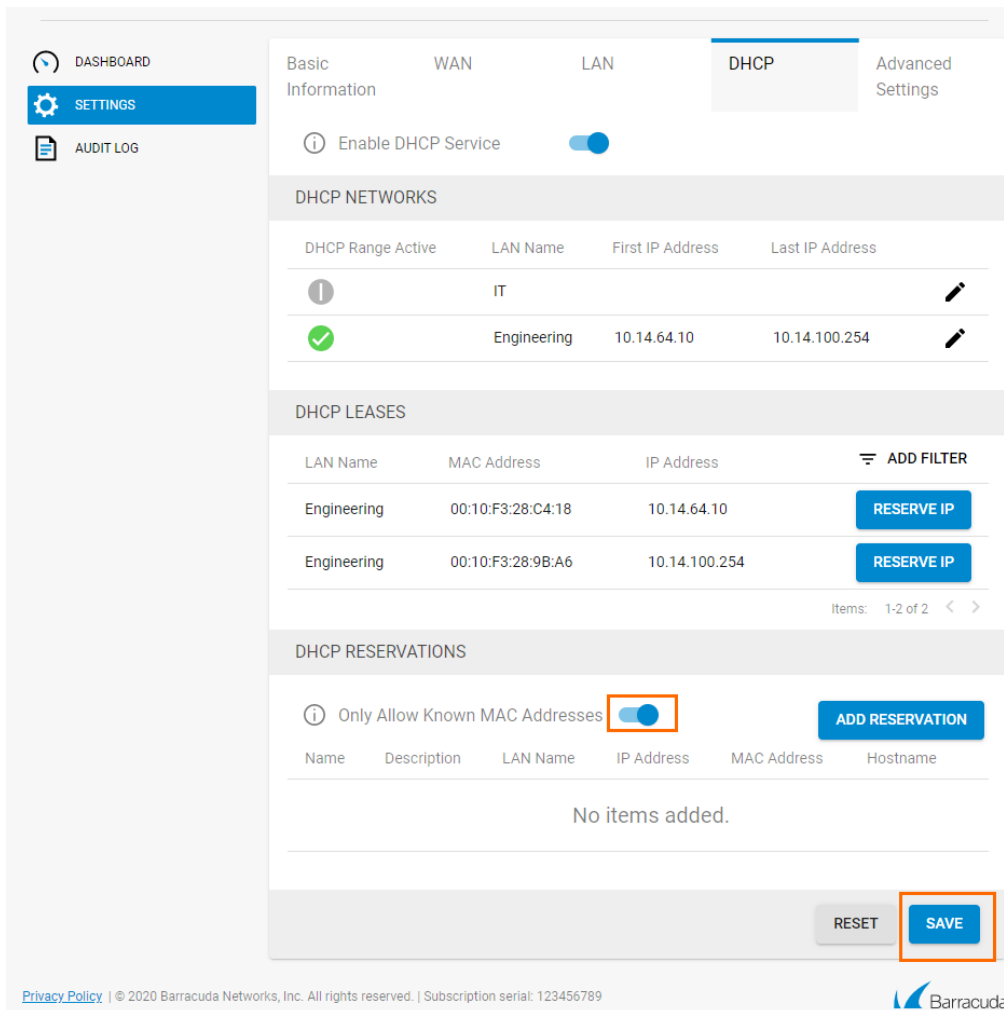
LAN Name	MAC Address	IP Address
Engineering	00:10:F3:28:2C:53	10.14.64.10
Engineering	00:10:F3:28:F4:43	10.14.100.254

DHCP RESERVATIONS

☒ Only Allow Known MAC Addresses

Name	Description	LAN Name	IP Address	MAC Address	Hostname
No items added.					

7. In the **DHCP RESERVATIONS** section, enable **Only Allow Known MAC Addresses**.



Basic Information | WAN | LAN | **DHCP** | Advanced Settings

Enable DHCP Service ☒

DHCP NETWORKS

DHCP Range Active	LAN Name	First IP Address	Last IP Address
	IT		
	Engineering	10.14.64.10	10.14.100.254

DHCP LEASES

LAN Name	MAC Address	IP Address	
Engineering	00:10:F3:28:C4:18	10.14.64.10	RESERVE IP
Engineering	00:10:F3:28:9B:A6	10.14.100.254	RESERVE IP

Items: 1-2 of 2

DHCP RESERVATIONS

Only Allow Known MAC Addresses ☒

ADD RESERVATION

Name	Description	LAN Name	IP Address	MAC Address	Hostname
No items added.					

RESET **SAVE**

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8. Click **SAVE**.

Only clients that are listed in the **DHCP RESERVATIONS** table can use the DHCP service.

Next Step

- Add devices with their MAC addresses to the DHCP Reservations table. For more information, see [How to Create a DHCP Reservation](#).

Figures

1. select_vwan821.png
2. edit_site821.png
3. DHCP821.png
4. enable.png

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