

How to configure DHCP server on your firewall

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The following steps need to be followed to configure DHCP server on your firewall. Go to Configuration -> DHCP Server Config. The following screen will appear.

DHCP Server IPv4 Configuration											
Interface	Range Start	Range End	Lease Time (Optional)	Gateway	Subnet Mask	Primary DNS (Optional)	Secondary DNS (Optional)	Primary WINS Server (Optional)	Secondary WINS Server (Optional)	Description (Optional)	Tasks
<input type="checkbox"/> LAN	192.168.2.19	192.168.2.23	1 day(s)	192.168.2.41	255.255.255.0	192.168.2.41	8.8.8.8				
<input type="button" value="Delete"/>											

DHCP Server IPv6 Configuration								
Interface	Range Start	Range End	Preferred Time	Valid Time	Primary DNS (Optional)	Secondary DNS (Optional)	Description (Optional)	Tasks
No records found								

Here you can:

- View all IPv4 and IPv6 DHCP configurations,
- Add new IPv4 and IPv6 DHCP configuration,
- Edit an existing IPv4 and IPv6 DHCP configuration,
- Delete an existing IPv4 and IPv6 DHCP configuration.

NOTE: You can configure multiple DHCP/DHCPv6 configuration for same interface with different range of IP addresses

NOTE: You can configure multiple DHCP/DHCPv6 server configuration for different interfaces.

- To add DHCP Server click on button.
- To edit DHCP Server click on button.
- To delete DHCP Server click on button

Add DHCP Server IPv4 Configuration	
Interface	Please Select
Range Start	<input type="text"/>
Range End	<input type="text"/>
Lease Time (Optional)	<input type="text"/>
Lease Time Unit	hour(s)
Gateway	<input type="text"/>
Subnet Mask	<input type="text"/>
Primary DNS (Optional)	<input type="text"/>
Secondary DNS (Optional)	<input type="text"/>
Primary WINS Server (Optional)	<input type="text"/>
Secondary WINS Server (Optional)	<input type="text"/>
Description (Optional)	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

The following information is required:

Interface: Interface on which IPv4 DHCP server is to be configured.

Lease Range: Range of IP addresses that the DHCP server should allocate to the clients.

- **Range Start:** Start of lease IP range.
- **Range End:** End of lease IP range.

Lease Time (Optional): The duration of the lease of the IP addresses.

Gateway: IP address of the router (default gateway) that the clients should use to communicate with clients on other subnets.

Subnet Mask: Subnet mask to be used by DHCP server to identify whether the IP address to assign belongs to the subnet.

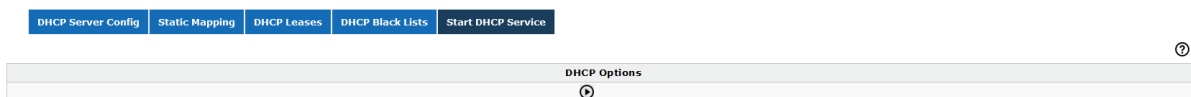
DNS (Optional): IP address of the DNS server that the clients should use to resolve domain names.

- **Primary DNS (Optional):** Primary DNS.
- **Secondary DNS (Optional):** Secondary DNS.

WINS (Optional): IP address of the WINS server that clients should communicate with to register and resolve NetBIOS names.

- **Primary WINS (Optional):** Primary WINS.
- **Secondary WINS (Optional):** Secondary WINS.

Once your changes are done, you need to start DHCP Service from Configuration -> DHCP Server -> Start DHCP Service to reflect the changes.



The following information is needed to set up DHCP Server IPv6 configuration

DHCP Server Config		Static Mapping	DHCP Leases	DHCP Black Lists	Start DHCP Service
Add DHCP Server IPv6 Configuration					
Interface	Please Select				
Range Start					
Range End					
Preferred Time					
Preferred Time Unit	hour(s)				
Valid Time					
Valid Time Unit	hour(s)				
Primary DNS (Optional)					
Secondary DNS (Optional)					
Description (Optional)					
Save		Cancel			

Interface: Interface on which IPv6 DHCPv6 server is to be configured.

Lease Range: Range of IP addresses that the DHCPv6 server should allocate to the clients.

- Range Start: Start of lease IP range.
- Range End: End of lease IP range.

Preferred Time: Length of time that a valid address is in the preferred state and can be used without any restrictions. When the preferred-time expires, the address becomes deprecated. A deprecated address should not be used for new communications, but might continue to be used for existing communications in certain cases.

Note: If the valid-time is also configured, the preferred-time must be less than the valid-time. The preferred-time and the maximum-lease-time are mutually exclusive and cannot both be configured.

DNS (Optional): IPv6 address of the DNS server that the clients should use to resolve domain names.

- Primary DNS (Optional): Primary DNS.
- Secondary DNS (Optional): Secondary DNS.

Note: Once your changes are done, you need to start DHCP Service from Configuration -> DHCP Server -> Start DHCP Service to reflect the changes.

DHCP Server Config		Static Mapping	DHCP Leases	DHCP Black Lists	Start DHCP Service
DHCP Options					
⊕					

You have successfully configured DHCP IPv4/ IPv6 server on your firewall.