Assign IPv6 Address

(*WHM >> Home >> IP Functions >> Assign IPv6 Address*)

Overview

Users with `root`-level privileges can assign IPv6 addresses to the server's accounts. For more information about IPv6, read our Guide to IPv6 documentation.

> ⊘ **Warnings:**
>
> - When you use this interface to assign IPv6 ranges, the system erases any IPv6 addresses that you assigned to the selected users via other methods.
> - If you see an *Apache must be recompiled* or *Apache should be recompiled* warning at the top of this interface, recompile EasyApache.

> ⚠ **Notes:**
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> - For IPv6 to function on a cPanel & WHM server, the `cpsrvd` daemon **must** listen on IPv6 addresses. To enable this functionality, select *On* for the *Listen on IPv6 Addresses* setting in the *System* section of WHM's *Tweak Settings* interface (*WHM >> Home >> Server Configuration >> Tweak Settings*).
> - Before you use this interface to assign dedicated IPv6 addresses, you **must** enable IPv6 on the server and use WHM's *IPv6 Ranges* interface (*WHM >> Home >> IP Functions >> IPv6 Ranges*) to add IPv6 ranges. If you have not added IPv6 ranges to the server, the interface displays a *No IPv6 ranges have been added.* message.
> - Before you use this interface to assign a shared IPv6 address to one or more users, you **must** configure a shared IPv6 address in WHM's *Basic WebHost Manager Setup* interface (*WHM >> Home >> Server Configuration >> Basic WebHost Manager Setup*).

Select an Account

To review IPv6 information for a specific account, select the desired account username from the *Select an Account* menu. The interface displays the account's IPv6 information.

- To search for a specific username or primary domain, enter the username or primary domain in the *Filter Accounts* text box.

- Click the select all icon () to select all of the accounts on the server.

Account information

If you already assigned an IPv6 address range to the selected account, the interface displays the following information:

- *IPv6 Address* — The account's IPv6 address.
- *Primary Domain* — The account's main domain.
- *IPv6 Proxy Subdomain* — A link to the account's IPv6 proxy subdomain. Click this link to navigate to `ipv6.example.com`, where `example.com` represents the account's main domain. This address resolves to the assigned IPv6 address.

Enable IPv6

To assign an IPv6 address to the selected account, perform the following steps:

1. Select the desired IPv6 address range from the *Enable this account with an IPv6 address from the selected range* menu.
    - You **must** select a range that includes available addresses.
    - To assign the server's shared IPv6 address to an account, select *The server's shared IPv6 address*. This address functions as a shared, rather than dedicated, address.

⚠

> ⚠ **Note:**
>
> Your server may use a Stateless Autoconfigured Address (SLAAC) address that your MAC address determines. This address changes if your hardware changes. For example, if you replace your ethernet card, the new card receives a new IPv6 address. This causes the old address's VirtualHosts to use the wrong IPv6 address.

2. Click *Enable Account*. When you enable IPv6 on an account, the system performs the following actions:
   - Binds that IPv6 address to your server
   - Adds an AAAA record for the account to the primary DNS zone.

> ⚠ **Note:**
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> An enabled account maintains its IPv6 address information even if you enable it again with a different IPv6 address range.

Disable IPv6

Click *Disable Account* to remove the IPv6 address from the selected account.

> ⚠ **Note:**
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> When you disable IPv6 on an account, the system unbinds that IPv6 address from your server and the account loses the address. If you enable IPv6 on that account again, the system assigns it a different IPv6 address.

Additional documentation

- [Guide to IPv6](#)
- [IPv6 Ranges](#)
- [Guide to IPv6 - Troubleshoot IPv6 Problems](#)
- [Guide to IPv6 - How to Get Started With IPv6](#)
- [Guide to IPv6 - IPv6 Server Administration](#)