

WHM API 1 Functions - ipv6_range_usage

Guide to WHM API 1

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Description

This function retrieves usage information for IPv6 addresses in an IPv6 range.



Note:

For all of cPanel & WHM's features to function properly on IPv6, 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*).

Examples

```
https://hostname.example.com:2087/cpsess#####/json-api/ipv6_range_usage?api.version=1&name=WhereTheSkiesAreNotCloudyAllDay
```

```
https://hostname.example.com:2087/cpsess#####/xml-api/ipv6_range_usage?api.version=1&name=WhereTheSkiesAreNotCloudyAllDay
```

```
whmapil ipv6_range_usage name=WhereTheSkiesAreNotCloudyAllDay
```



Notes:

- Unless otherwise noted, you **must** [URI-encode](#) values.
- For more information and additional output options, read our [Guide to WHM API 1](#) documentation or run the `whmapil --help` command.
- If you run CloudLinux™, you **must** use the full path of the `whmapil` command:

```
/usr/local/cpanel/bin/whmapil
```

```
{  "data": {    "usage": {      "forbidden": "65536",      "free": "used",      "used": "20"    },    "metadata": {      "version": 1,      "reason": "OK",      "result": 1,      "command": "ipv6_range_usage"    }  }}
```

Function information

API Version: [WHM API 1](#)
Available in: WHM 11.40+
Methods: GET, POST
Required Parameters: name
Return Format: JSON, XML



Important:

cPanel & WHM version 66 **deprecated** XML output.

About WHM API 1

WHM API 1 performs functions and accesses data in WHM.



Notes:

[applist](#)
[createacct](#)
[domainuserdata](#)
[editquota](#)
[forcepasswordchange](#)
[get_current_users_count](#)
[get_disk_usage](#)
[get_domain_info](#)
[getdomainowner](#)
[get_maximum_users](#)
[getminimumpasswordstrengths](#)
[has_digest_auth](#)
[has_mycnf_for_cpuser](#)
[limitbw](#)
[list_users](#)
[listaccts](#)
[listlockedaccounts](#)
[listsuspended](#)
[modifyacct](#)
[myprivs](#)
[passwd](#)
[quota_enabled](#)
[removeacct](#)
[set_digest_auth](#)
[showbw](#)
[suspendacct](#)
[unsuspendacct](#)
[untrack_acct_id](#)
[verify_new_username](#)
[convert_addon_fetch_conversion_details](#)

```

<result>
  <data>
    <usage>
      <forbidden>65536</forbidden>
      <free>1000000</free>
      <used>20</used>
    </usage>
  </data>
  <metadata>
    <version>1</version>
    <reason>OK</reason>
    <result>1</result>
    <command>ipv6_range_usage</command>
  </metadata>
</result>

```



Note:

Use WHM's *API Shell* interface (*WHM >> Home >> Development >> API Shell*) to directly test WHM API calls.

Parameters

Parameter	Type	Description	Possible values	Example
name	string	Required The IPv6 address range's name.	<ul style="list-style-type: none"> The name of an IPv6 address range on the server. SHARED — The server's shared IPv6 address. cPanel & WHM version 54+ only. 	WhereTheSkiesAreNotCloudyAllDay

Returns

Return	Type	Description	Possible values	Example
usage	hash	A hash of the IPv6 address range's information.	This hash includes the <code>forbidden</code> , <code>free</code> , and <code>used</code> returns.	
forbidden	integer	The number of reserved IPv6 addresses. The function returns this value in the <code>usage</code> hash.	A positive integer.	65536
free	integer	The number of available IPv6 addresses. The function returns this value in the <code>usage</code> hash.	A positive integer.	1000000
used	integer	The number of assigned IPv6 addresses. The function returns this value in the <code>usage</code> hash.	A positive integer.	20

• Some functions and parameters may require that you authenticate as the user.

[convert_addon_fetch_domain_details](#)

[convert_addon_get_conversion_status](#)

[convert_addon_initiate_conversion](#)

[convert_addon_list_addon_domains](#)

[convert_addon_list_conversions](#)

[api_token_create](#)

[api_token_list](#)

[api_token_revoke](#)

[api_token_update](#)

[disable_authentication_provider](#)

[disable_failing_authentication_providers](#)

[enable_authentication_provider](#)

[get_available_authentication_providers](#)

[get_login_url](#)

[get_provider_client_configurations](#)

[get_provider_configuration_fields](#)

[get_provider_display_configurations](#)

[get_users_authn_linked_accounts](#)

[link_user_authn_provider](#)

[set_provider_client_configurations](#)

[set_provider_display_configurations](#)

[twofactorauth_disable_policy](#)

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Find a function

Related functions

twofactorauth
_enable_policy

twofactorauth
_generate_tfa_config

twofactorauth
_get_issuer

twofactorauth
_get_user_configs

twofactorauth
_policy_status

twofactorauth
_remove_user_config

twofactorauth
_set_issuer

twofactorauth
_set_tfa_config

unlink_user_authn_provider

validate_login_token

backup_config_get

backup_config_set

backup_date_list

backup_destination_add

backup_destination_delete

backup_destination_get

backup_destination_list

backup_destination_set

backup_destination_validate

backup_get_transport_status

backup_list_transported

backup_set_list

backup_set_list_combined

backup_skip_users_all

- [WHM API 1 Functions - ipv6_range_add](#) — This function adds a range of IPv6 addresses to the server.
- [WHM API 1 Functions - ipv6_range_edit](#) — This function changes an IPv6 address range's name and note.
- [WHM API 1 Functions - ipv6_range_remove](#) — This function removes an IPv6 address range from the server.
- [WHM API 1 Functions - ipv6_enable_account](#) — This function assigns an IPv6 address to one or more accounts.
- [WHM API 1 Functions - ipv6_disable_account](#) — This function removes the IPv6 address from an account.

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_keys_exist

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expunge_mailbox_messages

expunge_messages_for_mailbox_guid

fetch_dkim_private_keys

fetch_mail_queue

generate_mobileconfig

get_mailbox_status

get_mailbox_status_list

get_unique_recipient_count_per_sender_for_user

get_unique_sender_recipient_count_per_user

get_user_email_forward_destination

hold_outgoing_email

install_dkim_private_keys

install_spf_records

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list_pops_for

mail_sni_status

rebuild_mail_sni_config

release_outgoing_email

save_spamd_config

set_user_email_forward_destination

suspend_outgoing_email

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validate_current_installed_exim_config

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modsec_make_config_active

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modsec_preview_vendor

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modsec_report_rule

modsec_set_config_text

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modsec_update_vendor

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delpkgext

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delete_hook

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