

WHM API 1 Functions - ipv6_range_usage

Guide to WHM API 1

[Return Data](#)

[Filter Output](#)

[Sort Output](#)

[Paginate Output](#)

[Output Columns](#)

[Call cPanel API 2 and UAPI](#)

[restore_modules_summary](#)

[restore_queue_activate](#)

[restore_queue_add_task](#)

[restore_queue_clear_all_completed_tasks](#)

[restore_queue_clear_all_failed_tasks](#)

[restore_queue_clear_all_pending_tasks](#)

[restore_queue_clear_all_tasks](#)

[restore_queue_clear_completed_task](#)

[restore_queue_clear_pending_task](#)

[restore_queue_is_active](#)

[restore_queue_list_active](#)

[restore_queue_list_completed](#)

[restore_queue_list_pending](#)

[restore_queue_state](#)

[restoreaccount](#)

[verify_new_username_for_restore](#)

[accountsummary](#)

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](#)

• **Y
o
u
m
u
s
t
u
s
e
t
h
e
a
p
p
r
o
p
r
i
a
t
e
W
H
M
p
o
r
t
s
(
2
0
1
8
-
0
7
-
2
0
)
t
o
c
a
l
l
W
H
M
A
P
I
f
u
n
c
t
i
o
n
s.**

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_disable_account](#) — This function removes the IPv6 address from an account.
- [WHM API 1 Functions - ipv6_enable_account](#) — This function assigns an IPv6 address to one or more accounts.
- [WHM API 1 Functions - ipv6_range_add](#) — This function adds a range of IPv6 addresses to the server.
- [WHM API 1 Functions - ipv6_range_list](#) — This function lists available IPv6 address ranges.
- [WHM API 1 Functions - ipv6_range_usage](#) — This function retrieves usage information for IPv6 addresses in an IPv6 range.

backup_skip
_users_all_status

backup_user
_list

convert_and_migrate_from_legacy_config

get_users_with_backup_metadata

list_cparchive_files

start_background_pkgacct

toggle_user_backup_state

participate_in_analytics

cphulk_status

create_cphulk_record

delete_cphulk_record

disable_cphulk

enable_cphulk

flush_cphulk_login_history

flush_cphulk_login_history_for_ips

get_countries_with_known_ip_ranges

get_cphulk_brutes

get_cphulk_excessive_brutes

get_cphulk_failed_logins

get_cphulk_user_brutes

load_cphulk_config

read_cphulk_records

save_cphulk_config

set_cphulk_config_key

background_mysql_upgrade_status

current_mysql
_version

installable_m
ysql_versions

latest_availa
ble_mysql_v
ersion

list_database
_users

list_databases

list_mysql_da
tabases_and
_users

remote_mysql
_create_profi
le

remote_mysql
_create_profi
le_via_ssh

remote_mysql
_delete_profi
le

remote_mysql
_initiate_prof
ile_activation

remote_mysql
_monitor_pr
ofile_activation

remote_mysql
_read_profile

remote_mysql
_read_profiles

remote_mysql
_update_pro
file

remote_mysql
_validate_pr
ofile

rename_mys
ql_database

rename_mys
ql_user

rename_post
gresql_datab
ase

rename_post
gresql_user

set_local_my
sql_root_pas
sword

set_mysql_p
assword

set_postgres
ql_password

start_backgro
und_mysql_u
pgrade

adddns

addzonereco
rd

addzonereco
rd (Reverse
DNS)

create_parke
d_domain_fo
r_user

dumpzone

editzonerecord

get_nameser
ver_config

getzonerecord

has_local_au
thority

killdns

listmxs

listzones

lookupnsip

lookupnsips

removezoner
ecord

resetzone

resolvedomai
nname

savemxs

setresolvers

update_nam
eservers_con
fig

ea4_get_curr
ently_installe
d_packages

ea4_get_ea_
pkgs_state

ea4_list_profi
les

ea4_metainfo

ea4_migration

ea4_pre_mig
rate_check

ea4_recomm
endations

ea4_save_pr
ofile

ea4_tomcat8
5_add

ea4_tomcat8
5_list

ea4_tomcat8
5_rem

cpgreylist_is_
server_netblo
ck_trusted

cpgreylist_list
_entries_for_
common_mai
l_provider

cpgreylist_lo
ad_common_
mail_provide
r_s_config

cpgreylist_sa
ve_common_
mail_provide
r_s_config

cpgreylist_st
atus

cpgreylist_tru
st_entries_for
_common_m
ail_provider

cpgreylist_un
trust_entries_
for_common
_mail_provid
er

create_cpgre
ylist_trusted_
host

delete_cpgre
ylist_trusted_
host

disable_cpgr
eylist

enable_cpgr
eylist

load_cpgreyli
st_config

read_cpgreyli
st_deferred_
entries

read_cpgreyli
st_trusted_ho
st

save_cpgreyli
st_config

batch

cpanel

create_integr
ation_group

create_integr
ation_link

get_integratio
n_link_user_
config

list_integratio
n_groups

list_integratio
n_links

remove_integ
ration_group

remove_integ
ration_link

update_integ
ration_link_to
ken

addips

delip

get_public_ip

get_shared_ip

ipv6_disable_
_account

ipv6_enable_
account

ipv6_range_a
dd

ipv6_range_e
dit

ipv6_range_li
st

ipv6_range_r
emove

ipv6_range_u
sage

listips

nat_checkip

nat_set_publi
c_ip

setsiteip

disable_dkim

disable_mail_
_sni

emailtrack_s
earch

emailtrack_st
ats

emailtrack_u
ser_stats

enable_dkim

enable_mail_
sni

ensure_dkim_
_keys_exist

exim_configuration_check

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

is_sni_supported

list_pops_for

mail_sni_status

rebuild_mail_sni_config

release_outgoing_email

save_spamd_config

set_user_email_forward_destination

suspend_outgoing_email

unsuspend_outgoing_email

validate_current_installed_exim_config

validate_curr
ent_dkims

validate_curr
ent_ptr

validate_curr
ent_spfs

validate_exi
m_configurati
on_syntax

disable_mark
et_provider

enable_mark
et_provider

get_adjusted
_market_pro
viders_produ
cts

get_market_
providers_co
mmission_co
nfig

get_market_
providers_list

get_market_
providers_pr
oduct_metad
ata

get_market_
providers_pr
oducts

set_market_p
roduct_attri
bute

set_market_p
rovider_com
mission_id

modsec_add
_rule

modsec_add
_vendor

modsec_ass
emble_config
_text

modsec_batc
h_settings

modsec_che
ck_rule

modsec_clon
e_rule

modsec_depl
oy_all_rule_c
hanges

modsec_depl
oy_rule_chan
ges

modsec_depl
oy_settings_
changes

modsec_disable_rule

modsec_disable_vendor

modsec_disable_vendor_configs

modsec_disable_vendor_updates

modsec_discard_all_rule_changes

modsec_discard_rule_changes

modsec_edit_rule

modsec_enable_vendor

modsec_enable_vendor_configs

modsec_enable_vendor_updates

modsec_get_config_text

modsec_get_configs

modsec_get_configs_with_changes_pending

modsec_get_log

modsec_get_rules

modsec_get_settings

modsec_get_vendors

modsec_is_installed

modsec_make_config_active

modsec_make_config_inactive

modsec_preview_vendor

modsec_remove_rule

modsec_remove_setting

modsec_remove_vendor

modsec_report_rule

modsec_set_config_text

modsec_set_setting

modsec_undisable_rule

modsec_update_vendor

_getpkgextensionform

add_override_features_for_user

addpkg

addpkgext

changepackage

create_featurelist

delete_featurelist

delpkgext

editpkg

get_available_applications

get_available_featurelists

get_feature_metadata

get_feature_names

get_featurelist_data

get_featurelists

get_users_features_settings

getfeaturelist

getpkginfo

killpkg

listpkgs

manage_features

matchpkgs

read_featurelist

remove_override_features_for_user

update_feature_relist

verify_user_has_feature

convert_all_domains_to_fpm

get_fpm_count_and_utilization

is_conversion_in_progress

php_get_defaults_to_fpm

php_get_handlers

php_get_affected_domains

php_get_installed_versions

php_get_old_fpm_flag

php_get_system_default_version

php_get_hosts_by_version

php_get_host_versions

php_ini_get_content

php_ini_get_directives

php_ini_set_content

php_ini_set_directives

php_fpm_config_get

php_fpm_config_set

php_set_defaults_to_fpm

php_set_handler

php_set_old_fpm_flag

php_set_session_save_path

php_set_sys
tem_default_v
ersion

php_set_vho
st_versions

acctcounts

get_public_c
ontact

getresellerips

listacfs

listresellers

resellerstats

saveacflist

set_public_c
ontact

setacfs

setresellerips

setresellerlim
its

setresellerma
inip

setresellerna
meservers

setresellerpa
ckagelimit

setupreseller

suspendresel
ler

terminateres
eller

unsetupresell
er

unsuspendre
seller

delete_rpm_v
ersion

edit_rpm_ver
sion

get_rpm_ver
sion_data

install_rpm_p
lugin

list_rpms

package_ma
nager_fixcac
he

package_ma
nager_get_b
uild_log

package_ma
nager_get_p
ackage_info

package_ma
nager_is_per
forming_actio
ns

package_ma
nager_list_pa
ckages

package_ma
nager_resolv
e_actions

package_ma
nager_submit
_actions

package_ma
nager_upgra
de

uninstall_rpm
_plugin

delete_hook

edit_hook

list_hooks

reorder_hooks

accesshash

authorizessh
key

check_remot
e_ssh_conne
ction

convertopens
shtoputty

deletesshkey

fetch_securit
y_advice

generatesshk
eypair

importsshkey

listsshkeys

add_configcl
usterserver

configurebac
kgroundproc
esskiller

configureserv
ice

cors_proxy_g
et

create_user_
session

delete_config
clusterserver

enable_monit
or_all_enable
d_services

get_all_contact_importances

get_application_list

get_application_contact_event_importance

get_application_contact_importance

get_available_profiles

get_current_profile

get_password_strength

get_remote_access_hash

get_service_config

get_service_config_key

get_tcp4_sockets

get_tcp6_sockets

get_tweaksetting

get_udp4_sockets

get_udp6_sockets

get_update_availability

get_users_links

getdiskusage

gethostname

is_role_enabled

list_configclusterservers

loadavg

nvget

nvset

personalization_get

personalization_set

purchase_a_l
icense

reboot

remove_in_p
rogress_exim
_config_edit

restartservice

restore_conf
g_from_file

restore_conf
g_from_uplo
ad

run_cpkeyclt

send_test_po
sturl

send_test_pu
shbullet_note

servicestatus

set_applicati
on_contact_e
vent_importa
nce

set_applicati
on_contact_i
mportance

set_primary_
servername

set_service_
config_key

set_tweakset
ting

sethostname

setminimump
asswordstren
gths

start_profile_
activation

system_need
s_reboot

systemloada
vg

update_conf
gclusterserver

update_conta
ct_email

verify_aim_a
ccess

verify_icq_ac
cess

verify_oscar_
access

verify_posturl
_access

verify_pushb
ullet_access

delete_ssl_v
host

disable_auto
ssl

fetch_service
_ssl_compon
ents

fetch_ssl_cer
tificates_for_f
qdns

fetch_ssl_vh
osts

fetch_vhost_
ssl_compone
nts

fetchcrtinfo

fetchsslinfo

generatessl

get_autossl_
check_sched
ule

get_autossl_
log

get_autossl_
ogs_catalog

get_autossl_
metadata

get_autossl_
pending_que
ue

get_autossl_
pending_que
ue_for_doma
in

get_autossl_
pending_que
ue_for_user

get_autossl_
problems_for
_domain

get_autossl_
problems_for
_user

get_autossl_
providers

get_best_ssl
domain_for_s
ervice

install_servic
e_ssl_certific
ate

installssl

listcrts

rebuildinstall
edssldb

rebuilduserss
ldb

reset_autossl
_provider

reset_service
_ssl_certificate

set_autossl_
metadata

set_autossl_
metadata_key

set_autossl_
provider

start_autossl
_check_for_a
ll_users

start_autossl
_check_for_o
ne_user

generate_cp
anel_plugin

list_styles

load_style

remove_logo

remove_style

save_style

set_default

ticket_create
_stub_ticket

ticket_get_su
pport_agree
ment

ticket_get_su
pport_info

ticket_grant

ticket_list

ticket_remov
e_closed

ticket_revoke

ticket_ssh_te
st

ticket_ssh_te
st_start

ticket_update
_service_agr
eement_appr
oval

ticket_validat
e_oauth2_co
de

ticket_whiteli
st_check

ticket_whiteli
st_setup

ticket_whiteli
st_unsetup

abort_transfe
r_session

analyze_tran
sfer_session
_remote

available_tra
nsfer_modules

create_remot
e_root_transf
er_session

create_remot
e_user_trans
fer_session

delete_accou
nt_archives

enqueue_tra
nsfer_item

fetch_transfe
r_session_log

get_transfer_
session_state

pause_transf
er_session

remote_basic
_credential_c
heck

retrieve_tran
sfer_session
_remote_ana
lysis

start_transfer
_session

transfer_mod
ule_schema

validate_syst
em_user

accept_eula

get_available
_tiers

get_current_l
ts_expiration
_status

get_lts_wexpi
re

getlongterms
upport

installed_ver
sions

set_cpanel_u
pdates

set_tier

update_upda
teconf

version