

WHM API 1 Functions - limitbw

Guide to WHM API 1

- Return Data
- Filter Output
- Sort Output
- Paginate Output
- Output Columns
- Call cPanel API 2 and UAPI

- Account Restoration
- 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

Description

This function modifies a cPanel account's bandwidth quota.

Examples

JSON API

```
https://hostname.example.com:2087/cpsess#####/json-api/limitbw?api.version=1&user=username&bwlimit=0
```

XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/limitbw?api.version=1&user=username&bwlimit=0
```

Command Line

```
whmapil limitbw user=username bwlimit=0
```

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
```

Function information

About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

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restore_queue_list_pending
restore_queue_state
restoreaccount
verify_new_username_for_restore

▼ Accounts

accountsummary
applist
createacct
domainuserdata
editquota
forcepasswordchange
get_disk_usage
get_domain_info
getdomainowner
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

▼ Output (JSON)

```
{
  "data": {
    "bwlimits": [
      {
        "unlimited": 1,
        "bwlimit": 0,
        "bwlimitenable": 0,
        "domains": [
          "addondomain.com",
          "seconddomain.com",
          "seconddomain.example.com",
          "subdomain.example.com",
          "example.com"
        ],
        "human_bwlimit": "unlimited",
        "human_bwused": "none"
      }
    ],
    "metadata": {
      "version": 1,
      "reason": "Bandwidth Limit for username has been set to unlimited megabytes",
      "result": 1,
      "command": "limitbw"
    }
  }
}
```

▼ Output (XML)

Find a function

- WHM API 0 Functions - setresellernameversion — This function assigns name servers to a reseller's account.

untrack_acct_id

verify_new_username

▼ Addon Domains

convert_addon_fetch_conversion_details

convert_addon_fetch_domain_details

convert_addon_get_conversion_status

convert_addon_initiate_conversion

convert_addon_list_addon_domains

convert_addon_list_conversions

▼ Authentication

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

```
<result>
  <data>
    <bwlimits>

<unlimited>1</unlimited>

    <bwlimit>0</bwlimit>

    <bwlimitenable>0</bwlimitenable>

    <domains>addondomain.com</domains>

    <domains>seconddomain.com</domains>

    <domains>seconddomain.example.com</domains>
  >

    <domains>subdomain.example.com</domains>

    <domains>example.com</domains>

    <human_bwlimit>unlimited</human_bwlimit>

    <human_bwused>none</human_bwused>
  </bwlimits>
</data>
<metadata>

<version>1</version>
  <reason>
    Bandwidth
    Limit for username
    has been set to
    unlimited megabytes
  </reason>

<result>1</result>

<command>limitbw</command>
  </metadata>
</result>
```

- WHM API 1 Sections - Accounts — Account functions allow you to manage cPanel accounts, WHM accounts, and their settings.
- WHM API 1 Functions - accounts summary — This function retrieves a summary of a user's account.

_display_co
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get_users_a
uthn_linked
_accounts

link_user_au
thn_provider

set_provider
_client_confi
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set_provider
_display_co
nfigurations

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h_generate_
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twofactoraut
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h_remove_u
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twofactoraut
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twofactoraut
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unlink_user_
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validate_logi
n_token

▼ Backups

backup_conf
ig_get

backup_conf
ig_set

backup_dat
e_list

backup_dest
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backup_dest
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Note:

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

- WHM API 1 Functions - domainus erdata — This function retrieves domain data.

Parameters

Parameter	Type	Description	Possible values	Example
user	string	Required The account's username.	The username of a cPanel account on the server.	username
bwlimit	string	The account's new bandwidth quota. This parameter defaults to unlimited.	<ul style="list-style-type: none">• A positive integer that represents a maximum monthly bandwidth use, in Megabytes (MB).• 0 or unlimited, to grant the user unlimited bandwidth.	0

Returns

Return	Type	Description	Possible values	Example
bwlimits	array of hashes	An array of hashes of account information.	Each hash contains the unlimited, bwlimit, bwlimitable, human_bwlimit, and human_bwused returns and the domains array.	
unlimited	Boolean	Whether the account's bandwidth quota is unlimited. The function returns this value in the bwlimit array.	<ul style="list-style-type: none">• 1 — Unlimited.• 0 — Not unlimited.	1

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_combine_d
 backup_skip_users_all
 backup_skip_users_all_status
 backup_user_list
 convert_and_migrate_from_legacy_config
 get_users_with_backup_metadata
 list_cparchive_files
 start_background_package
 toggle_user_backup_status
 cPHulk
 cphulk_statuses
 create_cphulk_record
 delete_cphulk_record
 disable_cphulk
 enable_cphulk
 flush_cphulk_login_history

<p>bwlimit</p>	<p><i>integer</i></p>	<p>The account's new bandwidth quota.</p> <p>The function returns this value in the <code>bwlimit</code> array.</p>	<ul style="list-style-type: none"> A positive integer that represents a maximum monthly bandwidth use, in Megabytes (MB). 0 — The user has unlimited bandwidth. 	<p>0</p>
<p>bwlimitenable</p>	<p><i>Boolean</i></p>	<p>Whether bandwidth limiting is enabled for the account.</p> <p>The function returns this value in the <code>bwlimit</code> array.</p>	<ul style="list-style-type: none"> 1 — Enabled. 0 — Disabled. 	<p>0</p>
<p>domains</p>	<p><i>array</i></p>	<p>An array of the account's domains.</p> <p>The function returns this array in the <code>bwlimit</code> array.</p>	<p>An array of all of the cPanel account's domains.</p>	<p>example.com</p>
<p>human_bwlimit</p>	<p><i>string</i></p>	<p>The account's bandwidth quota, in human-readable format.</p> <p>The function returns this value in the <code>bwlimit</code> array.</p>	<ul style="list-style-type: none"> unlimited — The user has unlimited bandwidth. A positive integer that represents a maximum monthly bandwidth use, a space, and the string MB. 	<p>500 MB</p>
<p>human_bwused</p>	<p><i>string</i></p>	<p>The account's current bandwidth usage, in human-readable format.</p> <p>The function returns this value in the <code>bwlimit</code> array.</p>	<ul style="list-style-type: none"> none A positive integer that represents the amount of bandwidth used, a space, and the string MB. 	<p>none</p>

flush_cphulk
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get_countrie
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get_cphulk_
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get_cphulk_
excessive_b
rutes

get_cphulk_
failed_logins

get_cphulk_
user_brutes

load_cphulk
_config

read_cphulk
_records

save_cphulk
_config

set_cphulk_
config_key

▼ Databases

background
_mysql_upg
rade_status

current_mys
ql_version

installable_
mysql_versi
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latest_availa
ble_mysql_v
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list_databas
e_users

list_databas
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list_mysql_d
atabases_a
nd_users

remote_mys
ql_create_pr
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remote_mys
ql_create_pr
ofile_via_ss
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remote_mys
ql_delete_pr
ofile

remote_mys
ql_initiate_p
rofile_activat

ion

remote_mysql_monitor_profile_activation

remote_mysql_read_profile

remote_mysql_read_profiles

remote_mysql_update_profile

remote_mysql_validate_profile

rename_mysql_database

rename_mysql_user

rename_postgresql_database

rename_postgresql_user

set_local_mysql_root_password

set_mysql_password

set_postgresql_password

start_background_mysql_upgrade

▼ DNS

adddns

addzonerecord

addzonerecord (Reverse DNS)

dumpzone

editzonerecord

get_nameserver_config

getzonerecord

has_local_authority

killdns
listmxs
listzones
lookupnsip
lookupnsips
removezone
record
resetzone
resolvedom
ainname
savemxs
setresolvers
update_nam
eservers_co
nfig

▼ EasyApache

ea4_get_cur
rently_install
ed_packages

ea4_get_ea
_pkgs_state

ea4_list_pro
files

ea4_metainf
o

ea4_migrati
on

ea4_pre_mi
grate_check

ea4_recom
mendations

ea4_save_p
rofile

ea4_tomcat
85_add

ea4_tomcat
85_list

ea4_tomcat
85_rem

▼ Greylisting

cpgreylist_is
_server_net
block_truste
d

cpgreylist_li
st_entries_f
or_common
_mail_provid
er

cpgreylist_lo
ad_common
_mail_provid

ers_config

cpgreylist_s
ave_commo
n_mail_provi
ders_config

cpgreylist_st
atus

cpgreylist_tr
ust_entries_
for_common
_mail_provid
er

cpgreylist_u
ntrust_entrie
s_for_comm
on_mail_pro
vider

create_cpgr
eylist_truste
d_host

delete_cpgr
eylist_truste
d_host

disable_cpgr
eylist

enable_cpgr
eylist

load_cpgreyl
ist_config

read_cpgrey
list_deferred
_entries

read_cpgrey
list_trusted_
host

save_cpgrey
list_config

▼ Integration

batch

cpanel

create_integ
ration_group

create_integ
ration_link

get_integrati
on_link_user
_config

list_integrati
on_groups

list_integrati
on_links

remove_inte
gration_grou
p

remove_inte

gration_link

update_inte
gration_link
_token

▼ IP Addresses

addips

delip

get_public_i
p

get_shared_
ip

ipv6_disable
_account

ipv6_enable
_account

ipv6_range_
add

ipv6_range_
edit

ipv6_range_
list

ipv6_range_
remove

ipv6_range_
usage

listips

nat_checkip

nat_set_pub
lic_ip

setsiteip

▼ Mail

disable_dki
m

disable_mail
_sni

emailtrack_s
earch

emailtrack_s
tats

emailtrack_u
ser_stats

enable_dkim

enable_mail
_sni

ensure_dki
m_keys_exi
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exim_config
uration_che
ck

expunge_m

ailbox_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_currency_installed_exim_config

validate_currency_dkims

validate_currency_ptrs

validate_currency_spfs

validate_exim_configuration_syntax

▼ Market

disable_market_provider

enable_market_provider

get_adjusted_market_providers_products

get_market_providers_commission_config

get_market_providers_list

get_market_providers_product_metadata

get_market_providers_products

set_market_product_attribute

set_market_provider_commission_id

▼ ModSecurity™

modsec_add_rule

modsec_add_vendor

modsec_assemble_config_text

modsec_batch_settings

modsec_check_rule

modsec_clone_rule

modsec_de
ploy_all_rule
_changes

modsec_de
ploy_rule_ch
anges

modsec_de
ploy_setting
s_changes

modsec_dis
able_rule

modsec_dis
able_vendor

modsec_dis
able_vendor
_configs

modsec_dis
able_vendor
_updates

modsec_dis
card_all_rul
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modsec_edit
_rule

modsec_en
able_vendor

modsec_en
able_vendor
_configs

modsec_en
able_vendor
_updates

modsec_get
_config_text

modsec_get
_configs

modsec_get
_configs_wit
h_changes_
pending

modsec_get
_log

modsec_get
_rules

modsec_get
_settings

modsec_get
_vendors

modsec_is_i
nstalled

modsec_ma
ke_config_a
ctive

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_disable_rule

modsec_update_vendor

▼ Packages

_getpkgextensionform

add_override_features_for_user

addpkg

addpkgext

changepackage

create_feature_relist

delete_feature_relist

delpkgext

editpkg

get_available_applications

get_available_featurelists

get_feature_metadata

get_feature_names

get_featurelist_data

get_featureli

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get_users_f
eatures_sett
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getfeaturelis
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getpkginfo

killpkg

listpkgs

manage_fea
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matchpkgs

read_feature
list

remove_ove
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s_for_user

update_feat
urelist

verify_user_
has_feature

▼ PHP

convert_all_
domains_to
_fpm

get_fpm_co
unt_and_util
ization

is_conversio
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php_get_def
ault_accoun
ts_to_fpm

php_get_ha
ndlers

php_get_im
pacted_dom
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php_get_ins
talled_versio
ns

php_get_old
_fpm_flag

php_get_sys
tem_default
_version

php_get_vh
osts_by_ver
sion

php_get_vh
ost_versions

php_ini_get
_content

php_ini_get
_directives

php_ini_set
_content

php_ini_set
_directives

php_set_def
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php_set_old
_fpm_flag

php_set_ses
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php_set_sys
tem_default
_version

php_set_vh
ost_versions

▼ Resellers

acctcounts

get_public_c
ontact

getresellerip
s

listacIs

listresellers

resellerstats

saveacllist

set_public_c
ontact

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setresellerip
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▼ RPM

delete_rpm_
version

edit_rpm_ve
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get_rpm_ver
sion_data

install_rpm_
plugin

list_rpms

package_m
anager_fixc
ache

package_m
anager_get_
build_log

package_m
anager_get_
package_inf
o

package_m
anager_is_p
erforming_a
ctions

package_m
anager_list_
packages

package_m
anager_reso
lve_actions

package_m
anager_sub
mit_actions

package_m
anager_upgr
ade

uninstall_rp
m_plugin

▼ Script Hooks

delete_hook

edit_hook

list_hooks

reorder_hoo
ks

▼ Security

accesshash

authorizessh
key

check_remo
te_ssh_conn
ection

convertopen
sshtoputty

deletesshke
y

fetch_securi
ty_advice

generatessh
keypair

importsshke
y

listsshkeys

▼ Server

Administration

add_configcl
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configureba
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cesskiller

configureser
vice

cors_proxy_
get

create_user
_session

delete_confi
gclusterserv
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enable_mon
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bled_service
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get_all_cont
act_importa
nces

get_appconf
ig_applicatio
n_list

get_applicati
on_contact_
event_import
tance

get_applicati
on_contact_
importance

get_availabl
e_profiles

get_current_
profile

get_passwor
d_strength

get_remote_
access_has
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get_service_
config

get_service_
config_key

get_tcp4_so
ckets

get_tcp6_so
ckets

get_tweakse
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get_udp4_s
ockets

get_udp6_s
ockets

get_update_
availability

get_users_li
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getdiskusag
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gethostname

is_role_ena
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list_configcl
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loadavg

nvget

nvset

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on_get

personalizati
on_set

purchase_a
_license

reboot

remove_in_
progress_ex
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restartservic
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restore_conf
ig_from_file

restore_conf
ig_from_upl
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run_cpkeyclt

send_test_p
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send_test_p
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servicestatu

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set_applicati
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set_applicati
on_contact_
importance

set_primary
_servernam
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set_service_
config_key

set_tweakse
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sethostname

setminimum
passwordstr
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start_profile
_activation

system_nee
ds_reboot

systemloada
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update_conf
igclusterserv
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update_cont
act_email

verify_aim_a
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verify_icq_a
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verify_oscar
_access

verify_postu
rl_access

verify_pushb
ullet_access

▼ SSL

disable_aut
ossl

fetch_servic
e_ssl_comp
onents

fetch_ssl_ce
rtificates_for
_fqdns

fetch_ssl_vh
osts

fetch_vhost
_ssl_compo
nents

fetchcrtinfo
fetchsslinfo
generatessl
get_autossl
_check_schedule
get_autossl
_log
get_autossl
_logs_catalog
get_autossl
_metadata
get_autossl
_pending_queue
get_autossl
_pending_queue_for_domain
get_autossl
_pending_queue_for_user
get_autossl
_problems_for_domain
get_autossl
_problems_for_user
get_autossl
_providers
get_best_ssl
domain_for_service
install_service_ssl_certificate
installssl
listcrts
rebuildinstall
edssldb
rebuildusers
sldb
reset_autossl_provider
reset_service_ssl_certificate
set_autossl_metadata
set_autossl_metadata_key

set_autossl_
provider

start_autossl_
check_for_
all_users

start_autossl_
check_for_
one_user

▼ Styles and Themes

generate_cp
anel_plugin

list_styles

load_style

remove_log
o

remove_styl
e

save_style

set_default

▼ Support Tickets

ticket_creat
e_stub_ticke
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ticket_get_s
upport_agre
ement

ticket_get_s
upport_info

ticket_grant

ticket_list

ticket_remov
e_closed

ticket_revok
e

ticket_ssh_t
est

ticket_ssh_t
est_start

ticket_updat
e_service_a
greement_a
pproval

ticket_valida
te_oauth2_c
ode

ticket_whitel
ist_check

ticket_whitel
ist_setup

ticket_whitel
ist_unsetup

▼ Transfers

abort_transf
er_session

analyze_tra
nsfer_sessio
n_remote

available_tr
ansfer_mod
ules

create_remo
te_root_tran
sfer_session

create_remo
te_user_tran
sfer_session

delete_accou
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enqueue_tra
nsfer_item

fetch_transf
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get_transfer
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pause_trans
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remote_basi
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_check

retrieve_tran
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_remote_an
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start_transfe
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transfer_mo
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validate_sys
tem_user

▼ Updates

accept_eula

get_availabl
e_tiers

get_current_
lts_expiratio
n_status

get_lts_wex
pire

getlongterm
support

installed_ver
sions

set_cpanel_
updates

set_tier

update_upd
ateconf

version