

WHM API 1 - Filter Output

Guide to WHM API 1

- [Return Data](#)
- [Filter Output](#)
- [Sort Output](#)
- [Paginate Output](#)
- [Output Columns](#)
- [Call cPanel API 2 and UAPI](#)

Introduction

You can use additional variables to filter WHM API 1 output.

Notes:

You can test WHM API 1 functions in WHM's *API Shell* interface (*Home >> Development >> API Shell*). Click *Show Sort/Filter/Paginate Options* to display the additional text boxes.

Filter output

WHM API 1 filters use four basic variables:

Variable	Type	Description	Possible values
<code>api.filter.enable</code>	<i>Boolean</i>	Whether to enable filtering.	<ul style="list-style-type: none">1 — Enable filtering.0 — Disable filtering.
<code>api.filter.a.field</code>	<i>string</i>	The return to match against.	The name of one of the function's returns.
<code>api.filter.a.arg0</code>	<i>string</i>	The return value to match.	An integer or string value.

- [Account Restoration on 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](#)

WHM API 1 Basics

About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

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Related Documentation

ue_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_myconf_or_cpuser
 limitbw
 list_users
 listaccts
 listlockedaccounts
 listsuspended
 modifyacct
 myprivs
 password
 quota_enabled
 removeacct
 set_digest_auth
 showbw
 suspendacct
 unsuspendacct
 untrack_acct

<p>api.filter.a.type</p>	<p><i>string</i></p>	<p>The match type.</p> <ul style="list-style-type: none"> If the <code>api.filter.a.arg0</code> value is a string, use a string operator. If the <code>api.filter.a.arg0</code> value is an integer, use a numeric operator. <p>This variable defaults to <code>contains</code>.</p>	<p>Numeric operators:</p> <ul style="list-style-type: none"> <code>==</code> — The numeric value is equal to the match value. <code>lt</code> — The value is less than the match value. This match type can not handle unlimited values. <code>lt_handle_unlimited</code> — The value is less than the match value. This match type can handle unlimited values. <code>gt</code> — The value is greater than the match value. This match type can not handle unlimited values. <code>gt_handle_unlimited</code> — The value is greater than the match value. This match type can handle unlimited values. <p>String operators:</p> <ul style="list-style-type: none"> <code>begins</code> — The value begins with the match value's string. <code>contains</code> — The value contains the match value's string. <code>eq</code> — The string value is equal to the match value.
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Examples

The following example function calls execute the `listaccts` function and filter the results to return only accounts with a maximum of 400 subdomains:

JSON API XML API Command Line

```
json-api/listaccts?api.version=1&api.filter.a.field=maxsub&api.filter.a.arg0=400&api.filter.a.type=%3D%3D&api.filter.enable=1
```

Important:

- [Guide to WHM API 1](#) — WHM API 1 accesses the WHM interface's features.
- [WHM API 1 - Filter Output](#) — You can use additional variables to filter WHM API 1 output.
- [WHM API 1 - Sort Output](#) — You can use additional variables to sort WHM API 1 output.

_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_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_display_co

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

```
xml-api/listaccts?api.version=1&api.filter.a.field=maxsub&api.filter.a.arg0=400&api.filter.a.type=%3D%3D&api.filter.enable=1
```

```
whmapi1 listaccts api.filter.enable=1  
api.filter.a.field=maxsub  
api.filter.a.arg0=400  
api.filter.a.type=%3D%3D
```

Use multiple filters

To use multiple filters on a single WHM API 1 call, increment the letter in each filter variable.

For example, use the following variables to pass two sets of filter information:

- Pass the first set of filter information to the `api.filter.a.field`, `api.filter.a.arg0`, and `api.filter.a.type` variables.
- Pass the second set of filter information to the `api.filter.b.field`, `api.filter.b.arg0`, and `api.filter.b.type` variables.

Note:

Do **not** include more than one `api.filter.enable` Boolean variable.

Examples

The following example function calls execute the `listaccts` function and filter the results to return only accounts with a maximum of 400 subdomains that use the `paper_lantern` theme:

JSON API XML API Command Line

```
json-api/listaccts?api.version=1&api.filter.a.field=maxsub&api.filter.a.arg0=400&api.filter.a.type=%3D%3D&api.filter.b.field=theme&api.filter.b.arg0=paper_lantern&api.filter.b.type=eq&api.filter.enable=1
```

Remember:

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

- WHM API 1 - [Paginate Output](#) — You can use additional variables to paginate WHM API 1 output.
- WHM API 1 - [Return Data](#) — WHM API 1 outputs data in either JSON or XML format.

nfigurations

get_users_authn_linked_accounts

link_user_authn_provider

set_provider_client_configurations

set_provider_display_configurations

twofactorauth_disable_policy

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

▼ Backups

backup_config_get

backup_config_set

backup_data_list

backup_destination_add

backup_destination_delete

```
xml-api/listaccts?api.version=1&api.filter.a.field=maxsub&api.filter.a.arg0=400&api.filter.a.type=%3D%3D&api.filter.b.field=theme&api.filter.b.arg0=paper_lantern&api.filter.b.type=eq&api.filter.enable=1
```

```
whmapi1 listaccts api.filter.enable=1  
api.filter.a.field=maxsub  
api.filter.a.arg0=400  
api.filter.a.type=%3D%3D  
api.filter.b.field=theme  
api.filter.b.arg=paper_lantern  
api.filter.b.type=eq
```

backup_dest
ination_get

backup_dest
ination_list

backup_dest
ination_set

backup_dest
ination_valid
ate

backup_get
_transport_s
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backup_list_
transported

backup_set_
list

backup_set_
list_combine
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backup_skip
_users_all

backup_skip
_users_all_s
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backup_use
r_list

convert_and
_migrate_fro
m_legacy_c
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get_users_w
ith_backup_
metadata

list_cparchiv
e_files

start_backgr
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toggle_user
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te

▼ cPHulk

cphulk_statu
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create_cphu
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delete_cphu
lk_record

disable_cph
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enable_cph
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flush_cphulk
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flush_cphulk
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get_countrie
s_with_kno
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get_cphulk_
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excessive_b
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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
ons

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
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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
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cpgreylist_tr
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for_common
_mail_provid
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cpgreylist_u
ntrust_entrie
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on_mail_pro
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create_cpgr
eylist_truste
d_host

delete_cpgr
eylist_truste
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disable_cpgr
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enable_cpgr
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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
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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
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disable_mail
_sni

emailtrack_s
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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

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_currency_installed_exim_configuration

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_dis
card_rule_c
hanges

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
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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
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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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res_for_user

update_feat
urelist

verify_user_
has_feature

▼ PHP

convert_all_
domains_to
_fpm

get_fpm_co
unt_and_util
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is_conversio
n_in_progre
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php_get_def
ault_accoun
ts_to_fpm

php_get_ha
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php_get_ins
talled_versio
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php_get_old
_fpm_flag

php_get_sys
tem_default
_version

php_get_vh
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php_get_vh
ost_versions

php_ini_get
_content

php_ini_get
_directives

php_ini_set
_content

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_version

php_set_vh
ost_versions

▼ Resellers

acctcounts

get_public_c
ontact

getresellerip
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listacIs

listresellers

resellerstats

saveacllist

set_public_c
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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
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fetch_securi
ty_advice

generatessh
keypair

importsshke
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listsshkeys

▼ Server

Administration

add_configcl
usterserver

configureba
ckgroundpro
cesskiller

configureser
vice

cors_proxy_
get

create_user
_session

delete_confi
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enable_mon
itor_all_ena
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get_all_cont
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get_appconf
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on_contact_
event_import
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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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gethostname

is_role_ena
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list_configcl
usterservers

loadavg

nvget

nvset

personalizati
on_get

personalizati
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purchase_a
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reboot

remove_in_
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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
osturl

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set_applicati
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set_primary
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set_service_
config_key

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sethostname

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passwordstr
engths

start_profile
_activation

system_nee
ds_reboot

systemloada
vg

update_conf
igclusterserv
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update_cont
act_email

verify_aim_a
ccess

verify_icq_a
ccess

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
t

ticket_get_s
upport_agre
ement

ticket_get_s
upport_info

ticket_grant

ticket_list

ticket_remov
e_closed

ticket_revok
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ticket_ssh_t
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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_transfer_session

analyze_transfer_session_remote

available_transfer_modules

create_remote_root_transfer_session

create_remote_user_transfer_session

delete_account_archives

enqueue_transfer_item

fetch_transfer_session_log

get_transfer_session_state

pause_transfer_session

remote_basic_credential_check

retrieve_transfer_session_remote_analysis

start_transfer_session

transfer_module_schema

validate_system_user

▼ Updates

accept_eula

get_available_tiers

get_current_lts_expiration_status

get_lts_expire

getlongterm support

installed_versions

set_cpanel_updates

set_tier

update_upd
ateconf

version