

WHM API 1 Functions - link_user_authn_provider

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 adds an External Authentication authorization link to an account.

Examples

Function information

API Version: WHM API 1
Available in: WHM 56+
Methods: GET, POST
Required Parameters: username, provider_id, subject_unique_identifier, preferred_username
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_or_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

```
https://hostname.example.com:2087/cpsess#####/json-api/link_user_authn_provider?api.version=1&username=example&provider_id=google&subject_unique_identifier=123456789012345678901&preferred_username=Example
```

```
https://hostname.example.com:2087/cpsess#####/xml-api/link_user_authn_provider?api.version=1&username=example&provider_id=google&subject_unique_identifier=123456789012345678901&preferred_username=Example
```

```
whmapil link_user_authn_provider username=example provider_id=google subject_unique_identifier=123456789012345678901 preferred_username=Example
```

 **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
```

```
{  "metadata": {    "version": 1,    "reason": "OK",    "result": "1",    "command": "link_user_authn_provider"  } }
```

```
<result>  <metadata>    <version>1</version>    <reason>OK</reason>    <result>1</result>    <command>link_user_authn_provider</command>  </metadata> </result>
```

 **Note:**

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

• Some functions are disabled parameters may require that you authenticate as the root 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](#)

Parameters

Parameter	Type	Description	Possible Values	Example
username	<i>string</i>	Required The account's username.	A valid cPanel username on the server.	example
provider_id	<i>string</i>	Required The name of the identity provider.	A valid string.	google
subject_unique_identifier	<i>string</i>	Required The unique identifier for the user at the identity provider.	A valid string.	1234567890 12345678901
preferred_username	<i>string</i>	Required The preferred username of the account on the identity provider.	A valid string.	Example

Returns

This function only returns metadata.

• You must use the appropriate WHM ports (2086 or 2087) to call WHM API functions.

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

- [External Authentication FAQ](#)
- [Manage External Authentications](#) — The *Manage External Authentications* interface allows you to manage your server's OpenID Connect-compliant identity providers.
- [Manage External Authentications](#) — The *Manage External Authentications* interface allows you to manage your server's OpenID Connect-compliant identity providers.
- [External Authentication FAQ](#)
- [Guide to WHM API 1](#) — WHM API 1 accesses the WHM interface's features.

backup_skip
_users_all_st
atus

backup_user
_list

convert_and_
migrate_from
_legacy_conf
ig

get_users_wi
th_backup_m
etadata

list_cparchive
_files

start_backgro
und_pkgacct

toggle_user_
backup_state

cphulk_status

create_cphul
k_record

delete_cphul
k_record

disable_cphu
lk

enable_cphulk

flush_cphulk
_login_history

flush_cphulk
_login_histor
y_for_ips

get_countries
_with_known
_ip_ranges

get_cphulk_b
rules

get_cphulk_e
xcessive_bru
tes

get_cphulk_f
ailed_logins

get_cphulk_u
ser_brutes

load_cphulk_
config

read_cphulk_
records

save_cphulk
_config

set_cphulk_c
onfig_key

background_
mysql_upgra
de_status

current_mysq
l_version

installable_m
ysql_versions

latest_availa
ble_mysql_v
ersion

list_database
_users

list_databases

list_mysql_da
tabases_and
_users

remote_mysq
l_create_profi
le

remote_mysq
l_create_profi
le_via_ssh

remote_mysq
l_delete_profi
le

remote_mysq
l_initiate_prof
ile_activation

remote_mysq
l_monitor_pr
ofile_activation

remote_mysq
l_read_profile

remote_mysq
l_read_profiles

remote_mysq
l_update_pro
file

remote_mysq
l_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

addzonerecord
addzonerecord (Reverse DNS)
create_parked_domain_for_user
dumpzone
editzonerecord
get_nameserver_config
getzonerecord
has_local_authority
killdns
listmxs
listzones
lookupnsip
lookupnsips
removezonerecord
resetzone
resolvedomainname
savemxs
setresolvers
update_nameservers_config
ea4_get_currently_installed_packages
ea4_get_ea_pkgs_state
ea4_list_profiles
ea4_metainfo
ea4_migration
ea4_pre_migrate_check
ea4_recommendations
ea4_save_profile
ea4_tomcat85_add
ea4_tomcat85_list
ea4_tomcat85_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_cpgre
ylist

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_integration_group

remove_integration_link

update_integration_link_to_ken

addips

delip

get_public_ip

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_public_ip

setsiteip

disable_dkim

disable_mail_sni

emailtrack_search

emailtrack_stats

emailtrack_user_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_current_dkims

validate_current_ptrs

validate_current_spfs

validate_exit_configuration_syntax

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

modsec_add_rule

modsec_add_vendor

modsec_assemble_config_text

modsec_batch_settings

modsec_check_rule

modsec_clone_rule

modsec_deploy_all_rule_changes

modsec_deploy_rule_changes

modsec_deploy_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_undi
sable_rule

modsec_upd
ate_vendor

_getpkgexten
sionform

add_override
_features_for
_user

addpkg

addpkgext

changepacka
ge

create_featur
elist

delete_featur
elist

delpkgext

editpkg

get_available
_applications

get_available
_featurelists

get_feature_
metadata

get_feature_
names

get_featurelis
t_data

get_featurelis
ts

get_users_fe
atures_settin
gs

getfeaturelist

getpkginfo

killpkg

listpkgs

manage_feat
ures

matchpkgs

read_featurel
ist

remove_over
ride_features
_for_user

update_featu
relist

verify_user_h
as_feature

convert_all_d
omains_to_fpm

get_fpm_cou
nt_and_utiliz
ation

is_conversio
n_in_progress

php_get_def
ault_account
s_to_fpm

php_get_han
dlers

php_get_imp
acted_domai
ns

php_get_inst
alled_versions

php_get_old_
fpm_flag

php_get_syst
em_default_v
ersion

php_get_vho
sts_by_versi
on

php_get_vho
st_versions

php_ini_get_
content

php_ini_get_
directives

php_ini_set_
content

php_ini_set_
directives

php_set_defa
ult_accounts
_to_fpm

php_set_han
dler

php_set_old_
fpm_flag

php_set_ses
sion_save_p
ath

php_set_syst
em_default_v
ersion

php_set_vho
st_versions

acctcounts

get_public_c
ontact

getresellerips

listacIs
listresellers
resellerstats
saveacllist
set_public_c
ontact
setacIs
setresellerrips
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_m
anager_submit
_actions

package_m
anager_upgra
de

uninstall_rpm
_plugin

delete_hook

edit_hook

list_hooks

reorder_hooks

accessshash

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_conta
ct_importanc
es

get_appconfi
g_application
_list

get_applicati
on_contact_e
vent_importa
nce

get_applicati
on_contact_i
mportance

get_available
_profiles

get_current_
profile

get_passwor
d_strength

get_remote_
access_hash

get_service_
config

get_service_
config_key

get_tcp4_soc
kets

get_tcp6_soc
kets

get_tweakset
ting

get_udp4_so
ckets

get_udp6_so
ckets

get_update_
availability

get_users_lin
ks

getdiskusage

gethostname

is_role_enabl
ed

list_configclu
sterservers

loadavg

nvget

nvset

personalizati
on_get

personalizati
on_set

purchase_a_l
icense

reboot

remove_in_p
rogress_exim
_config_edit

restartservice

restore_confi
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_a
ccess

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_
logs_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_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
accept_eula
get_available_tiers
get_current_lts_expiration_status
get_lts_wexpire
getlongtermsupport
installed_versions
set_cpanel_updates
set_tier
update_updateconf
version