

WHM API 1 Functions - transfer_module_schema

Guide to WHM API 1

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[restore_queue_clear_all_tasks](#)

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Description

This function retrieves a transfer module's key structure.



Note:

For more information about how this function works with other functions in the transfer and restore process, read our [Guide to Transfer and Restore API Functions](#) documentation.

Examples

```
https://hostname.example.com:2087/cpsess#####/json-api/transfer_module_schema?api.version=1&module=FeatureListsRemoteRoot
```

```
https://hostname.example.com:2087/cpsess#####/json-api/transfer_module_schema?api.version=1&module=PackageRemoteRoot
```

```
https://hostname.example.com:2087/cpsess#####/json-api/transfer_module_schema?api.version=1&module=AccountRemoteRoot
```

```
https://hostname.example.com:2087/cpsess#####/xml-api/transfer_module_schema?api.version=1&module=AccountRemoteRoot
```

```
whmapil transfer_module_schema module=AccountRemoteRoot
```



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": {    "schema": {      "keys": {        "detected_remote_user": {          "def": "char(255) DEFAULT NULL"        }      }    }  },
```

Function information

API Version: [WHM API 1](#)
Available in: cPanel 11.44+
Methods: GET, POST
Required Parameters: module
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

```
"ip": {
  "def": "int(1) DEFAULT 0"
},
"skipbwdata": {
  "def": "int(1) DEFAULT 0"
},
"customip": {
  "def": "char(255) DEFAULT NULL"
},
"size": {
  "def": "BIGINT UNSIGNED DEFAULT 1"
},
"shared_mysql_server": {
  "def": "int(1) DEFAULT 0"
},
"domain": {
  "def": "char(255) DEFAULT NULL"
},
"cpmovefile": {
  "def": "text"
},
"skiphomedir": {
  "def": "int(1) DEFAULT 0"
},
"user": {
  "def": "char(255) DEFAULT NULL"
},
"skipacctdb": {
  "def": "int(1) DEFAULT 0"
},
"skipres": {
  "def": "int(1) DEFAULT 0"
},
"reseller": {
  "def": "int(1) DEFAULT 0"
},
"skipaccount": {
  "def": "int(1) DEFAULT 0"
},
"copypoint": {
  "def": "text"
},
"force": {
  "def": "int(1) DEFAULT 0"
},
"xferpoint": {
  "def": "int(1) DEFAULT 0"
},
"replaceip": {
  "def": "char(255) DEFAULT NULL"
},
"localuser": {
  "def": "char(255) DEFAULT NULL"
}
},
"required": [
  "user",
  "localuser"
],
"primary": [
  "user"
]
}
},
"metadata": {
  "version": 1,
  "reason": "OK",
  "result": "1",
  "command": "transfer_module_schema"
}
}
```

- Some functions are parameter sensitive may require that you authenticate as the router.

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

```
<result>
  <data>
    <schema>
      <keys>
        <detected_remote_user>
          <def>char(255) DEFAULT NULL</def>
        </detected_remote_user>
        <ip>
          <def>int(1) DEFAULT 0</def>
        </ip>
        <skipbwdata>
          <def>int(1) DEFAULT 0</def>
        </skipbwdata>
        <customip>
          <def>char(255) DEFAULT NULL</def>
        </customip>
        <size>
          <def>BIGINT UNSIGNED DEFAULT 1</def>
        </size>
        <shared_mysql_server>
          <def>int(1) DEFAULT 0</def>
        </shared_mysql_server>
        <domain>
          <def>char(255) DEFAULT NULL</def>
        </domain>
        <cpmovefile>
          <def>text</def>
        </cpmovefile>
        <skiphomedir>
          <def>int(1) DEFAULT 0</def>
        </skiphomedir>
        <user>
          <def>char(255) DEFAULT NULL</def>
        </user>
        <skipacctdb>
          <def>int(1) DEFAULT 0</def>
        </skipacctdb>
        <skipres>
          <def>int(1) DEFAULT 0</def>
        </skipres>
        <reseller>
          <def>int(1) DEFAULT 0</def>
        </reseller>
        <skipaccount>
          <def>int(1) DEFAULT 0</def>
        </skipaccount>
        <copypoint>
          <def>text</def>
        </copypoint>
        <force>
          <def>int(1) DEFAULT 0</def>
        </force>
        <xferpoint>
          <def>int(1) DEFAULT 0</def>
        </xferpoint>
        <replaceip>
          <def>char(255) DEFAULT NULL</def>
        </replaceip>
        <localuser>
          <def>char(255) DEFAULT NULL</def>
        </localuser>
      </keys>
      <required>user</required>
      <required>localuser</required>
      <primary>user</primary>
    </schema>
  </data>
```

• You must use these 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](#)

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



Note:

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

- [WHM API 1 Functions - abort_transfer_session](#) — This function aborts an active transfer session.
- [WHM API 1 Functions - analyze_transfer_session_remote](#) — This function checks the remote server's credentials, which a transfer session uses to connect.
- [WHM API 1 Functions - remote_basic_credential_check](#) — This function checks the SSH credentials on the remote server.
- [WHM API 1 Functions - restore_modules_summary](#) — This function lists backup modules and their descriptions.
- [Guide to Transfer and Restore API Functions](#)

Parameters

Parameter	Type	Description	Possible values	Example
module	<i>string</i>	Required The transfer module's name.	<ul style="list-style-type: none"> AccountLocal AccountRemoteRoot AccountRemoteUser FeatureListRemoteRoot LegacyAccountBackup PackageRemoteRoot 	AccountRemoteRoot

Returns

Return	Type	Description	Possible values	Example
schema	<i>hash</i>	A hash of the schema's keys.	A hash that includes the keys hash and the required and primary arrays.	
keys	<i>hash</i>	A hash of the schema's keys. The function returns this hash in the schema hash.	A hash that includes the key name hash.	
key name	<i>hash</i>	A hash of the key's information. <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> Note: The key's name is the parameter name.</div> The function returns this hash in the keys hash.	A hash that includes the def return.	

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

	default	<i>string</i>	The key's definition. This function returns this value in the key name hash.	The first value is the parameter's type and length. <ul style="list-style-type: none">• int• char• bigint• text The second value is the default value.	char (255) DEFAULT NULL
required		<i>array</i>	The schema's required keys. This function returns this value in the schema hash.	Any value or values from the key name field.	user, localuser
primary		<i>array</i>	The schema's primary key. This function returns this value in the schema hash.	Any value from the key name field.	user

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
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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_accounts_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
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setresellerpa
ckagelimit

setupreseller

suspendresel
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terminateres
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unsetupresell
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unsuspendre
seller

delete_rpm_v
ersion

edit_rpm_ver
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get_rpm_ver
sion_data

install_rpm_p
lugin

list_rpms

package_ma
nager_fixcac
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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
asswordstre
ngths

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_
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