

WHM API 1 Functions - listcrts

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 lists the server's domains with installed SSL certificates.

Examples

JSON API

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

XML API

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

Command Line

```
whmapil listcrts  
registered=1  
user=username
```

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.

Notes:

- Scro
- Ycmt

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)



Find a function

- Mod Security
- Security Policy
- Manage Certificate Sharing
- Compiler Access

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

```
{
  "data": {
    "crt": [
      {
        "is_self_signed": 1,
        "validation_type": "dv",
        "signature_algorithm": "sha256WithRSAEncryption",
        "registered": 1,
        "issuer.organizationName": "Acme, Inc.",
        "modulus_length": "2048",
        "not_after": "1400343187",
        "domain": "example.com",
        "domains": [
          "example.com"
        ],
        "domain_owners": [
          "example"
        ],
        "id": "example._com_d13b4_362b9_1400343187_b05e5c3e443dda9a8869c4cf7457829e",
        "friendly_name": "TestCertificate"
      }
    ],
    "metadata": {
      "version": 1,
      "reason": "OK",
      "result": 1,
      "command": "listcrts"
    }
  }
}
```

_display_co
nfigurations

get_users_a
uthn_linked
_accounts

link_user_au
thn_provider

set_provider
_client_confi
gurations

set_provider
_display_co
nfigurations

twofactoraut
h_disable_p
olicy

twofactoraut
h_enable_p
olicy

twofactoraut
h_generate_
tfa_config

twofactoraut
h_get_issue
r

twofactoraut
h_get_user_
configs

twofactoraut
h_policy_sta
tus

twofactoraut
h_remove_u
ser_config

twofactoraut
h_set_issuer

twofactoraut
h_set_tfa_c
onfig

unlink_user_
authn_provi
der

validate_logi
n_token

▼ Backups

backup_conf
ig_get

backup_conf
ig_set

backup_dat
e_list

backup_dest
ination_add

backup_dest
ination_dele
te

▼ Output (XML)

```
<result>
  <data>
    <crt>

      <is_self_signed>1</is
      _self_signed>

      <validation_type>dv</
      validation_type>

      <signature_algorithm>
      sha256WithRSAEncrypti
      on</signature_algorit
      hm>

      <registered>1</regist
      ered>

      <issuer.organizationN
      ame>Acme,
      Inc.</issuer.organiza
      tionName>

      <modulus_length>2048<
      /modulus_length>

      <not_after>1400343187
      </not_after>

      <domain>example.com</
      domain>

      <domains>example.com<
      /domains>

      <domain_owners>exampl
      e</domain_owners>
        <id>
          example._com_d13b4_36
          2b9_1400343187_b05e5c
          3e443dda9a8869c4cf745
          7829e
        </id>

      <friendly_name>TestCe
      rtificate</friendly_n
      ame>
    </crt>
  </data>
</result>
```

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

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_state

▼ cPHulk

cphulk_status

create_cphulk_record

delete_cphulk_record

disable_cphulk

enable_cphulk

flush_cphulk_login_history

<metadata>

<version>1</version>

<reason>OK</reason>

<result>1</result>

<command>listcrts</co

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

▼ Databases

background_mysql_upgrade_status

current_mysql_version

installable_mysql_versions

latest_available_mysql_version

list_database_users

list_databases

list_mysql_databases_and_users

remote_mysql_create_profile

remote_mysql_create_profile_via_ssh

remote_mysql_delete_profile

remote_mysql_initiate_profile_activation

```
mmand>
  </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
registered	<i>Boolean</i>	Whether to limit the results to certificates registered with a certificate authority (CA). This parameter defaults to 0.	<ul style="list-style-type: none">1 — Registered certificates only.0 — All certificates	1
user	<i>string</i>	The user's username. If you do not use this parameter, the function returns certificates for all accounts on the server.	A valid username.	username

Returns

Return	Type	Description	Possible values	Example
--------	------	-------------	-----------------	---------

ion remote_mysql_monitor_profile_activation remote_mysql_read_profile remote_mysql_read_profiles remote_mysql_update_profile	<i>hash</i>	A hash of each certificate's information.	The hash includes the domain, is_self_signed, registered, issuer.organizationName, modulus_length, not_after, id, signature_algorithm, validation_type, and friendly_name returns, and the domains and domain_owners arrays.	
remote_mysql_validate_profile rename_mysql_database	<i>Boolean</i>	Whether the certificate is self-signed. The function returns this value in the crt hash.	<ul style="list-style-type: none"> 1 — Self-signed. 0 — Not self-signed. 	1
rename_mysql_user rename_postgresql_database rename_postgresql_user set_local_mysql_root_password set_mysql_password set_postgresql_password start_background_mysql_upgrade	<i>string</i>	The certificate's validation type. <div style="border: 1px solid orange; padding: 5px; width: fit-content; margin: 10px auto;"> <p>Note : We introduced this return in cPanel & WHM version 56.</p> </div> The function returns this value in the crt hash.	<ul style="list-style-type: none"> ev — Extended Validation. ov — Organization Validation. dv — Domain Validation. undef — The system could not parse and determine the certificate's validation type. 	dv

▼ DNS

- adddns
- addzonerecord
- addzonerecord (Reverse DNS)
- dumpzone
- editzonerecord
- get_nameserver_config
- getzonerecord
- has_local_authority

killdns
listmxs
listzones
lookupnsip
lookupnsips
removezone
record
resetzone
resolvedomainname
savemxs
setresolvers
update_nameservers_config

▼ EasyApache

ea4_get_currently_installed_packages
ea4_get_ea_pkgs_state
ea4_list_profiles
ea4_maintain
ea4_migration
ea4_pre_migrate_check
ea4_recommendations
ea4_save_profile
ea4_tomcat85_add
ea4_tomcat85_list
ea4_tomcat85_remove

▼ Greylisting

cpgreylist_server_network_block_trusted
cpgreylist_list_entries_for_common_mail_provider
cpgreylist_load_common_mail_provider

signature_algorithm	string	The signature algorithm of the certificate. Note : We introduced this return in cPanel & WHM version 56. The function returns this value in the crt hash.	A valid OID hash algorithm name.	sha256WithRSAEncryption
registered	Boolean	Whether the certificate is registered with a CA. The function returns this value in the crt hash.	<ul style="list-style-type: none"> 1 — Registered 0 — Not registered 	1
issuer_organizationName	string	The organization name of the certificate's issuer. The function returns this value in the crt hash.	A valid string.	Acme, Inc.
modulus_length	integer	The certificate's modulus length in bits. The function returns this value in the crt hash.	A positive integer that measures the length in bits.	2048
not_after	integer	When the certificate expires. The function returns this value in the crt hash.	A date in Unix time format.	1400343187
domain	string	The certificate's primary domain. The function returns this value in the crt hash.	A valid domain name.	example.com

ers_config
 cpgreylist_save_common_mail_providers_config
 cpgreylist_status
 cpgreylist_trust_entries_for_common_mail_provider
 cpgreylist_untrust_entries_for_common_mail_provider
 create_cpgreylist_trusted_host
 delete_cpgreylist_trusted_host
 disable_cpgreylist
 enable_cpgreylist
 load_cpgreylist_config
 read_cpgreylist_deferred_entries
 read_cpgreylist_trusted_host
 save_cpgreylist_config

domains	array	<p>The domain or domains that the certificate covers.</p> <p>The function returns this array in the <code>crt</code> hash.</p>	An array of valid domains.	example.com
domain_owners	array	<p>The owners of the domain or domains that the certificate covers.</p> <p>The function returns this array in the <code>crt</code> hash.</p>	An array of valid usernames.	example
id	string	<p>The certificate's ID.</p> <p>The function returns this value in the <code>crt</code> hash.</p>	A valid string.	<p>Click to view...</p> <pre>example ._com_d1 3b4_362b 9_140034 3187_b05 e5c3e443 dda9a886 9c4cf745 7829e</pre>
friendly_name	string	<p>The certificate's friendly name.</p> <p>The function returns this value in the <code>crt</code> hash.</p>	A valid string.	TestCertificate

Integration

batch
 cpanel
 create_integration_group
 create_integration_link
 get_integration_link_user_config
 list_integration_groups
 list_integration_links
 remove_integration_group
 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
st

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_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
e_changes

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
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

sts

get_users_f
eatures_sett
ings

getfeaturelis
t

getpkginfo

killpkg

listpkgs

manage_fea
tures

matchpkgs

read_feature
list

remove_ove
rride_featu
res_for_user

update_feat
urelist

verify_user_
has_feature

▼ PHP

convert_all_
domains_to
_fpm

get_fpm_co
unt_and_util
ization

is_conversio
n_in_progre
ss

php_get_def
ault_accoun
ts_to_fpm

php_get_ha
ndlers

php_get_im
pacted_dom
ains

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
ault_accoun
ts_to_fpm

php_set_ha
ndler

php_set_old
_fpm_flag

php_set_ses
sion_save_p
ath

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

setacIs

setresellerip
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setresellerli
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setresellerm
ainip

setresellern
ameservers

setresellerp
ackagelimit

setupreselle
r

suspendres
eller

terminateres
eller

unsetuprese

ller

unsuspendr
eseller

▼ RPM

delete_rpm_
version

edit_rpm_ve
rsion

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
usterserver

configureba
ckgroundpro
cesskiller

configureser
vice

cors_proxy_
get

create_user
_session

delete_confi
gclusterserv
er

enable_mon
itor_all_ena
bled_service
s

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
h

get_service_
config

get_service_
config_key

get_tcp4_so
ckets

get_tcp6_so
ckets

get_tweakse
tting

get_udp4_s
ockets

get_udp6_s
ockets

get_update_
availability

get_users_li
nks

getdiskusag
e

gethostname

is_role_ena
bled

list_configcl
usterservers

loadavg

nvget

nvset

personalizati
on_get

personalizati
on_set

purchase_a
_license

reboot

remove_in_
progress_ex
im_config_e
dit

restartservic
e

restore_conf
ig_from_file

restore_conf
ig_from_upl
oad

run_cpkeyclt

send_test_p
osturl

send_test_p
ushbullet_n
ote

servicestatu

s

set_applicati
on_contact_
event_imp
ortance

set_applicati
on_contact_
importance

set_primary
_servenam
e

set_service_
config_key

set_tweakse
tting

sethostname

setminimum
passwordstr
engths

start_profile
_activation

system_nee
ds_reboot

systemloada
vg

update_conf
igclusterserv
er

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
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
nt_archives

enqueue_tra
nsfer_item

fetch_transf
er_session_l
og

get_transfer
_session_st
ate

pause_trans
fer_session

remote_basi
c_credential
_check

retrieve_tran
sfer_session
_remote_an
alysis

start_transfe
r_session

transfer_mo
dule_schem
a

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