

WHM API 1 Functions - manage_features

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
- restore_queue

Description

This function lists and manages items in the Feature Showcase.

Examples

JSON API

```
https://hostname.example.com:2087/cpsess#####/json-api/manage_features?api.version=1&action=list
```

XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/manage_features?api.version=1&action=list
```

Command Line

```
whmapil  
manage_features  
action=list
```

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
```

Output (JSON)

If the `action` parameter's value is `info`, the function's output will resemble the following example:

Function information

About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

Notes:

- Scro
- us
- Yc
- mt
- us
- 20
- or
- 20
-)tc

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_mycnf_for_cpuser
limitbw
list_users
listaccts
listlockedaccounts
listsuspended
modifyacct
myprivs
passwd
quota_enabled
removeacct
set_digest_auth
showbw
suspendacct
unsuspendacct
untrack_acct

```
{  
  "data": {  
    "feature": [  
      {  
        "link":  
        "http://go.cpanel.net/  
        /featureshowcasefeatu  
        red_example1",  
        "feature_key":  
        "featured_example1",  
        "since": "cPanel™  
        11.32.4",  
        "name": "Featured  
        Example",  
        "description": "This  
        feature does things  
        automagically.",  
        "vendor": "Third  
        Party, Inc.",  
        "recommended": 1,  
        "enabled": 1  
      },  
      {  
        "link":  
        "http://go.cpanel.net/  
        /featureshowcasefeatu  
        red_example2",  
        "feature_key":  
        "featured_example2",  
        "name": "Featured  
        Example 2",  
        "description": "This  
        feature also does  
        everything  
        automagically.",  
        "vendor": "cPanel,  
        Inc.",  
        "recommended": 1,  
      }  
    ]  
  }  
}
```

Find a function

- WHM API 1 Functions - delete_feature_list — This function deletes a feature list.
- WHM API 1 Functions - get_available_features — This function lists the authenticated user's available feature lists.

- _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_display_co

```

"enabled": "1"
      },
    ]
  },
  "metadata": {
    "version": 1,
    "reason":
"OK",
    "result": 1,
    "command":

```

- WHM API 1 Functions - read_feature_list — This function lists the authenticated user's feature lists.
- WHM API 1 Functions - update_feature_list — This function creates or updates a feature list.

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

```
"manage_features"
  }
}
```

If the `action` parameter's value is `enable` and you only specified a single feature, the function's output will resemble the following example:

```
{
  "data": {
    "action": [
      {
        "feature":
        "featured_example1",

        "status": "enabled"
      }
    ],
    "metadata": {
      "version": 1,
      "reason":
      "OK",
      "result": 1,
      "command":
      "manage_features"
    }
  }
}
```

If the `action` parameter's value is `enable` and you specified multiple features, the function's output will resemble the following example:

backup_dest
 ination_get

 backup_dest
 ination_list

 backup_dest
 ination_set

 backup_dest
 ination_valid
 ate

 backup_get
 _transport_s
 tatus

 backup_list_
 transported

 backup_set_
 list

 backup_set_
 list_combine
 d

 backup_skip
 _users_all

 backup_skip
 _users_all_s
 tatus

 backup_use
 r_list

 convert_and
 _migrate_fro
 m_legacy_c
 onfig

 get_users_w
 ith_backup_
 metadata

 list_cparchiv
 e_files

 start_backgr
 ound_pkgac
 ct

 toggle_user
 _backup_sta
 te

 v cPHulk
 cphulk_statu
 s

 create_cphu
 lk_record

 delete_cphu
 lk_record

 disable_cph
 ulk

 enable_cph
 ulk

 flush_cphulk
 _login_histo
 ry

```

{
  "data": {
    "action": [
      {
        "feature":
        "non_existent",

        "status": "skipped"
      },
      {
        "feature":
        "featured_example1",

        "status": "enabled"
      }
    ],
    "metadata": {
      "version": 1,
      "reason":
      "OK",
      "result": 1,
      "command":
      "manage_features"
    }
  }
}

```

If the action parameter's value is enable and the function encountered errors, the function's output will resemble the following example:

```

flush_cphulk
_login_histo
ry_for_ips

get_countrie
s_with_kno
wn_ip_rang
es

get_cphulk_
brutes

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
ons

latest_availa
ble_mysql_v
ersion

list_databas
e_users

list_databas
es

list_mysql_d
atabases_a
nd_users

remote_mys
ql_create_pr
ofile

remote_mys
ql_create_pr
ofile_via_ss
h

remote_mys
ql_delete_pr
ofile

remote_mys
ql_initiate_p
rofile_activat

```

```

{
  "data": {
    "action": [
      {

"feature":
"non_existent",

"status": "skipped"
      },
      {

"feature":
"featured_example1",

"status": "enabled"
      }
    ],
    "metadata": {
      "errors": {
        "error":
[

"non_existent is not
a valid feature."
        ]
      },
      "version": 1,
      "reason":
"errors recorded",
      "result": 0,
      "command":
"manage_features"
    }
  }
}

```

▼ Output (XML)

If the action parameter's value is info, the function's output will resemble the following example:

```

<result>
  <data>
    <feature>

<link>http://go.cpane
l.net/featureshowcase
featured_example1</li
nk>

```

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

addns
addzonerecord
addzonerecord (Reverse DNS)
dumpzone
editzonerecord
get_nameserver_config
getzonerecord
has_local_authority

```
<feature_key>featured_example1</feature_key>
  <since>cPanel@11.32.4</since>
  <name>Featured Example</name>

<description>This feature does things automagically.</description>
  <vendor>Third Party, Inc.</vendor>

<recommended>1</recommended>

<enabled>1</enabled>
</feature>
<feature>

<link>http://go.cpanel.net/featureshowcase_featured_example2</link>

<feature_key>featured_example2</feature_key>
  <name>Featured Example 2</name>

<description>This feature also does everything automagically.</description>
  <vendor>cPanel, Inc.</vendor>

<recommended>1</recommended>

<enabled>1</enabled>
</feature>
</data>
<metadata>

<version>1</version>

<reason>OK</reason>
```

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

<result>1</result>

<command>manage_featu

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_cpgrey
list_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

```
res</command>  
</metadata>  
</result>
```

If the action parameter's value is enable and you only specified a single feature, the function's output will resemble the following example:

```
<result>  
  <data>  
    <action>  
  
    <feature>featured_exa  
mple1</feature>  
  
    <status>enabled</stat  
us>  
  </action>  
</data>  
<metadata>  
  
<version>1</version>  
  
<reason>OK</reason>  
  
<result>1</result>  
  
<command>manage_featu  
res</command>  
</metadata>  
</result>
```

If the action parameter's value is enable and you specified multiple features, the function's output will resemble the following example:

- 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

```

<result>
  <data>
    <action>

    <feature>featured_exa
mple1</feature>

    <status>enabled</stat
us>
  </action>
  <action>

  <feature>featured_exa
mple2</feature>

  <status>enabled</stat
us>
  </action>
</data>
<metadata>

<version>1</version>

<reason>OK</reason>

<result>1</result>

<command>manage_featu
res</command>
</metadata>
</result>

```

If the `action` parameter's value is `enable` and the function encountered errors, the function's output will resemble the following example:

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

```
<result>
  <data>
    <action>

    <feature>non_existent
  </feature>

  <status>skipped</status>
</action>
  <action>

  <feature>featured_example1</feature>

  <status>enabled</status>
</action>
</data>
  <metadata>
    <errors>

    <error>non_existent
is not a valid
feature.</error>
  </errors>

  <version>1</version>
  <reason>errors
recorded</reason>

  <result>0</result>

  <command>manage_features</command>
</metadata>
</result>
```

Note:

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

validate_current_installation_exim_config

validate_current_dkims

validate_current_ptrs

validate_current_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_admin_rule

modsec_admin_vendor

modsec_assemble_config_text

modsec_batch_settings

modsec_check_rule

modsec_clone_rule

Parameters

Parameter	Type	Description	Possible values	Example
action	string	Required The function's action.	<ul style="list-style-type: none"> info — List full details for all available features. list — List the feature IDs for all available features. enable — Enable the feature or features in the features variable. disable — Disable the feature or features in the features variable. 	info
features	string	The feature's ID. Note: This parameter is required if the action parameter's value is enable or disable.	A comma-separated list of features.	features_example1

Returns

Additional info returns

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

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

feature	<i>array of hashes</i>	An array of hashes of feature information.	This array includes hashes of feature information. Each hash includes the link, feature_key, since, name, vendor, description, recommended, and enabled returns.	
link	<i>string</i>	The feature's documentation link. The function returns this value in the feature array.	A valid URL.	http://example.com/cpanelfeature
feature_key	<i>string</i>	The feature's ID. The function returns this value in the feature array.	A valid string.	example_catalog
since	<i>string</i>	The cPanel & WHM version that introduced this feature. The function returns this value in the feature array.	A valid cPanel & WHM version.	cPanel@11.52.4
name	<i>string</i>	The feature's name. The function returns this value in the feature array.	A valid string.	Example Catalog
description	<i>string</i>	The feature's description. The function returns this value in the feature array.	A valid string.	This feature provides access to a catalog of coyote-killing gadgets.
vendor	<i>string</i>	The feature's vendor. The function returns this value in the feature array.	A valid string.	example, Inc.
recommended	<i>Boolean</i>	Whether we recommend that you install the feature. The function returns this value in the feature array.	<ul style="list-style-type: none"> 1 — We recommend this feature. 0 — We do not recommend this feature. 	0

modsec_make_config_active

modsec_preview_vendor

modsec_remove_rule

modsec_remove_setting

modsec_remove_vendor

modsec_report_rule

modsec_set_config_text

modsec_set_setting

modsec_uninstall_rule

modsec_update_vendor

▼ Packages

_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_featurelist

enabled	<i>Boolean</i>	Whether the feature is enabled. The function returns this value in the feature array.	<ul style="list-style-type: none"> 1 — The feature is enabled. 0 — The feature is disabled. 	1
---------	----------------	--	---	---

Additional list returns

Return	Type	Description	Possible values	Example
feature	<i>array of hashes</i>	An array of hashes of feature information.	This array includes hashes of feature information. Each hash includes the feature_key and enabled returns.	
feature_key	<i>string</i>	The feature's ID. The function returns this value in the feature array.	A valid string.	example_catalog
enabled	<i>Boolean</i>	Whether the feature is enabled. The function returns this value in the feature array.	<ul style="list-style-type: none"> 1 — The feature is enabled. 0 — The feature is disabled. 	1

Additional enable or disable returns

Return	Type	Description	Possible values	Example
action	<i>array of hashes</i>	An array of hashes of feature information.	This array returns hashes of feature information. Each hash includes the feature and status returns.	
feature	<i>string</i>	The feature's ID. The function returns this value in the action array.	A valid string.	example_catalog
status	<i>string</i>	The feature's state. The function returns this value in the action array.	<ul style="list-style-type: none"> disabled — The feature is disabled. skipped — The system did not perform any action. 	disabled

sts

get_users_f
eatures_sett
ings

getfeaturelis
t

getpkginfo

killpkg

listpkgs

manage_fea
tures

matchpkgs

read_feature
list

remove_ove
rride_feature
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
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
s

setresellerli
mits

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_cpkeyctl

send_test_p
osturl

send_test_p
ushbullet_n
ote

servicestatu

s

set_applicati
on_contact_
event_importantance

set_applicati
on_contact_
importance

set_primary
_servername
e

set_service_
config_key

set_tweakse
tting

sethostname
e

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