

WHM API 1 Functions - list_rpms

Guide to WHM API 1

- Return Data
- Filter Output
- Sort Output
- Paginate Output
- Output Columns
- Call cPanel API 2 and UAPI

Description

This function lists RPMs that the server needs, but the server owner has not yet installed. When you call this function, it performs the same actions as the following command:

```
/usr/local/cpanel/scripts/check_cpanel_rpms --list-only --targets[target]
```

For more information, read our [The rpm.versions System](#) documentation.

Examples

JSON API

```
https://hostname.example.com:2087/cpsess#####/json-api/list_rpms?api.version=1
```

XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/list_rpms?api.version=1
```

Command Line

```
whmapil list_rpms
```

Notes:

- 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:

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- 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

ue_list_pending
restore_queue_state
restoreaccount
verify_new_username_for_restore

Accounts

accountsummary
applist
createacct
domainuserdata
editquota
forcepasswordchange
get_domain_info
getdomainowner
has_digest_auth
has_mycnf_for_cpuser
limitbw
list_users
listaccts
listlockedaccounts
listsuspended
modifyacct
myprivs
passwd
removeacct
set_digest_auth
showbw
suspendacct
unsuspendacct
untrack_acct_id
verify_new_username

Addon Domains

Output (JSON)

```
{  
  "data" : {  
    "rpms" : [  
      "cpanel-pcre"  
    ]  
  },  
  "metadata": {  
    "version": 1,  
    "reason": "OK",  
    "result": 1,  
    "command":  
    "list_rpms"  
  }  
}
```

Output (XML)

```
<result>  
  <data>  
  
    <rpms>cpanel-pcre</rpms>  
  
  </data>  
  <metadata>  
  
    <version>1</version>  
  
    <reason>OK</reason>  
  
    <result>1</result>  
  
    <command>list_rpms</command>  
  </metadata>  
</result>
```

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

Find a function

- WHM API 1 Functions - edit_rpm_version — This function edits RPM data.
- WHM API 1 Functions - get_rpm_version_data — This function lists a key's available RPMs.

convert_add
on_fetch_co
nversion_de
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convert_add
on_fetch_do
main_details

convert_add
on_get_con
version_stat
us

convert_add
on_initiate_c
onversion

convert_add
on_list_add
on_domains

convert_add
on_list_conv
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▼ Authentication

api_token_c
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api_token_r
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api_token_u
pdate

disable_aut
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provider

disable_fail
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enable_auth
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get_availabl
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get_login_ur
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get_provider
_client_confi
gurations

get_provider
configuration
fields

get_provider
_display_co
nfigurations

get_users_a
uthn_linked
_accounts

Parameters

Parameter	Type	Description	Possible values	Example
target	<i>string</i>	The target that depends on the uninstalled RPMs. If you do not specify a value, the function will list all of the required but uninstalled RPMs for all RPM targets.	A valid RPM target.	3rdparty

Returns

Return	Type	Description	Possible values	Example
rpms	<i>array of strings</i>	A list of all RPM dependencies that the server owner has not yet installed.	A valid RPM or list of valid RPMs.	cpanel-pcre

- WHM API 1 Functions - list_rpm

— This function lists RPMs that the server needs, but the server owner has not yet installed.

- WHM API 1 Functions - pack

age_manager_resolve_actions — This function resolves the state of a set of Easy Apache 4 RPM packages.

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

backup_destination_get

backup_destination_list

backup_destination_set

backup_destination_validate

backup_get_transport_status

backup_list_transported

backup_set_list

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_statuses

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_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
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latest_availa
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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_mys
ql_monitor_
profile_activ
ation

remote_mys
ql_read_prof

ile

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
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▼ EasyApache

ea4_get_cur
rently_install
ed_packages

ea4_get_ea
_pkgs_state

ea4_list_pro
files

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
atus

cpgreylist_tr
ust_entries_

for_common_mail_provider

cpgreylist_untrusted_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

Integration

batch

cpanel

create_integration_group

create_integration_link

get_integration_link_user_config

list_integration_groups

list_integration_links

remove_integration_group

remove_integration_link

update_integration_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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emailtrack_s
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emailtrack_u
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enable_dkim

enable_mail_
_sni

ensure_dki
m_keys_exi
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exim_config
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expunge_m
ailbox_mess
ages

expunge_m
essages_for
_mailbox_gu
id

fetch_dkim_
private_keys

fetch_mail_

queue
generate_m
obileconfig
get_mailbox
_status
get_mailbox
_status_list
get_user_e
mail_forwar
d_destinatio
n
hold_outgoi
ng_email
install_dkim
_private_key
s
install_spf_r
ecords
is_sni_supp
orted
list_pops_for
mail_sni_sta
tus
rebuild_mail
_sni_config
release_out
going_email
save_spamd
_config
set_user_e
mail_forwar
d_destinatio
n
suspend_ou
tgoing_email
unsuspend_
outgoing_e
mail
validate_cur
rent_installe
d_exim_conf
ig
validate_cur
rent_dkims
validate_cur
rent_ptrs
validate_cur
rent_spfs
validate_exi
m_configura
tion_syntax

▼ Market

disable_mar
ket_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_added_rule

modsec_added_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_disable_all_rule_changes

modsec_disable_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_un
disable_rule

modsec_up
date_vendor

▼ Packages

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add_overrid
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or_user

addpkg

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changepack
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create_featu
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delpkgext

editpkg

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e_applicatio
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metadata

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listpkgs

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tures

matchpkgs

read_feature
list

remove_override_features_for_user

update_featurelist

verify_user_has_feature

▼ PHP

convert_all_domains_to_fpm

get_fpm_count_and_utilization

is_conversion_in_progress

php_get_default_accounts_to_fpm

php_get_handlers

php_get_impacted_domains

php_get_installed_versions

php_get_old_fpm_flag

php_get_system_default_version

php_get_versions_by_version

php_get_versions

php_ini_get_content

php_ini_get_directives

php_ini_set_content

php_ini_set_directives

php_set_default_accounts_to_fpm

php_set_handler

php_set_old_fpm_flag

php_set_session_save_p

ath

php_set_sys
tem_default
_version

php_set_vh
ost_versions

▼ Resellers

acctcounts

get_public_c
ontact

getresellerip
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listacts

listresellers

resellerstats

saveacllist

set_public_c
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▼ RPM

delete_rpm_
version

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install_rpm_
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package_m

anager_fixc
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package_m
anager_get_
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▼ Script Hooks

delete_hook

edit_hook

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▼ Security

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te_ssh_conn
ection

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listsshkeys

▼ Server

Administration

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usterserver

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ckgroundpro
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itor_all_ena
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act_importa
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get_appconf
ig_applicatio
n_list

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on_contact_
event_import
tance

get_applicati
on_contact_
importance

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e_profiles

get_current_
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d_strength

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tting

get_update_
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gethostname

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remove_in_progress_exim_configuration
restartservice
restore_configuration_from_file
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servicestatus
set_application_contact_event_importance
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verify_aim_a
ccess

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rl_access

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ullet_access

▼ SSL

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ossl

fetch_servic
e_ssl_comp
onents

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rtificates_for
_fqdns

fetch_ssl_vh
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fetch_vhost
_ssl_compo
nents

fetchcrtinfo

fetchsslinfo

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l_check_sch
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get_autoss
l_log

get_autoss
l_logs_catalo
g

get_autoss
l_metadata

get_autoss
l_pending_q
ueue

get_autoss
l_pending_q
ueue_for_do
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get_autossl
_problems_f
or_domain

get_autossl
_problems_f
or_user

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ce_ssl_certif
icate

installssl

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rebuildusers
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cate

set_autossl_
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ey

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l_check_for_
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l_check_for_
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▼ Styles and Themes

generate_cp
anel_plugin

list_styles

load_style

remove_log
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remove_styl
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save_style

set_default

▼ Support Tickets

ticket_creat
e_stub_ticke
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ticket_get_s
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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
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ticket_valida
te_oauth2_c
ode

ticket_whitel
ist_check

ticket_whitel
ist_setup

ticket_whitel
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▼ Transfers

abort_transf
er_session

analyze_tra
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n_remote

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ules

create_remo
te_root_tran
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create_remo
te_user_tran
sfer_session

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get_transfer
_session_st
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c_credential
_check

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▼ Updates

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