

WHM API 1 Functions - exim_configuration_check

Guide to WHM API 1

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

Description

This function scans the Exim configuration file for errors, and if it finds errors attempts to repair them.

Important:

In cPanel & WHM version 76 and later, when you disable the MailSend role, the system **disables** this function. For more information, read our [How to Use Server Profiles](#) documentation.

Examples

JSON API

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

XML API

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

- 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

Function information

About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

Notes:

- Scrus
- Ycmtus20 or 20)tc

ue_list_pending
restore_queue_state
restoreaccount
verify_new_username_or_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

Command Line

```
whmapil  
exim_configuration_check
```

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)

```
{  
  "data": {  
    "message":  
      "cPanel was unable to automatically merge your Exim configuration with the new settings that shipped \nwith the build you have installed (11.38.0 (build 9999)) because you have a custom or broken configuration which \ncannot be automatically configured. \nSince this configuration update is not critical, we left your previous configuration intact until \nthe new configuration can be properly installed. In order
```

Find a function

- WHM API 1 Functions - get_mailbox_status
This function lists the status of a cPanel's mail account's mailboxes.

```

_id
verify_new_
username
  Addon Domains
convert_add
on_fetch_co
nversion_de
tails

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
ersions
  Authentication
api_token_c
reate

api_token_li
st

api_token_r
evoke

api_token_u
pdate

disable_aut
hentication_
provider

disable_fail
ing_authenti
cation_provi
ders

enable_auth
entication_p
rovider

get_availabl
e_authentic
ation_provid
ers

get_login_ur
l

get_provider
_client_confi
gurations

get_provider
_configurati
on_fields

get_provider
_display_co

```

to complete this configuration update, you will need to manually merge your configuration with the new configuration

```

settings.
\n\n
\nPlease follow the
steps below to
complete this
update:\n\n\t1. <a
href='javascript:sele
ct_exim_backup();'>Ba
ckup
your existing
configuration</a>\n\
\t2. <a
href='javascript:sele
ct_exim_advanced();'>
Notate any custom
changes
you have made in the
ACL section in the
'Advanced Editor
Tab'.</a>\n\t3. <a
href='javascript:sele
ct_exim_reset();'>Cho
ose 'Reset cPanel
&amp;
WHM Exim
configuration files,
one option at a time,
until the installed
Exim configuration
is valid' under the
'Reset
Tab'.</a>\n\t4.
<a
href='javascript:sele
ct_exim_advanced();'>
Reinstall your
customizations in the
'Advanced Editor
Tab'.</a>\n\n\nCurre
nt
Config Version:
10.320000\nNew Config
Version: 10.330000"
},
"metadata": {
"version": 1,

```

- WHM API 1 Functions - exim_configuration_check — This function scans the Exim configuration file for errors, and if it finds errors attempts to repair them.
- WHM API 1 Functions - validate_current_installed_exim_config — This function validates the system's current Exim configuration.

configurations

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

```
"reason":
"Configuration Update
Failed",
  "result": 0,
  "command":
"exim_configuration_
check"
}
```

- WHM API 1 Functions - validate_exim_configuration_syntax — This function evaluates and validates an Exim configuration file's syntax.

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_use_r_list
convert_and_migrate_from_legacy_config
get_users_with_backup_metadata
list_cparchive_files
start_background_package
toggle_user_backup_status
cPHulk
cphulk_statuses
create_cphulk_record
delete_cphulk_record
disable_cphulk
enable_cphulk
flush_cphulk_login_history

```
}
```

Output (XML)

```
<result>  
  <data>  
    <message>  
      cPanel  
      was unable to  
      automatically merge  
      your Exim  
      configuration with  
      the new  
      settings that shipped  
      with the build you  
      have installed  
      (11.38.0 (build  
      9999)) because you  
      have a custom or  
      broken configuration  
      which cannot be  
      automatically  
      configured. Since  
      this configuration  
      update is not  
      critical, we left  
      your previous  
      configuration intact  
      until the new  
      configuration can be  
      properly installed.  
      In order to complete  
      this  
      configuration update,  
      you will need to  
      manually merge your  
      configuration  
      with the new  
      configuration  
      settings. Please  
      follow the steps  
      below to  
      complete this update:  
      1. <a  
      href="javascript:select_exim_backup();">Backup your existing  
      configuration</a> 2.  
      <a  
      href="javascript:select_exim_backup();">Merge your existing  
      configuration with the new  
      configuration settings.</a>
```

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

```
ct_exim_advanced();">
Notate any custom
changes
you have made in the
ACL section in the
'Advanced Editor
Tab'.</a>
3. <a
href="javascript:select_exim_reset();">Choose 'Reset cPanel
&amp; WHM Exim
configuration files,
one option at a time,
until the
installed Exim
configuration is
valid' under the
'Reset Tab'.</a>
4. <a
href="javascript:select_exim_advanced();">
Reinstall your
customizations in the
'Advanced Editor
Tab'.</a> Current
Config
Version: 10.320000
New Config Version:
10.330000
</message>
</data>
<metadata>

<version>1</version>

<reason>Configuration
Update
Failed</reason>

<result>0</result>

<command>exim_configuration_check</command>
>
```

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

adddns

addzonerecord

addzonerecord (Reverse DNS)

dumpzone

editzonerecord

get_nameserver_config

getzonerecord

has_local_authority

```
</metadata>  
</result>
```

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

Parameters

This function does not accept parameters.

Returns

Return	Type	Description	Possible values	Example
message	string	The reason why the configuration check failed. Note: The function only returns this parameter if the configuration file contains errors.	A valid string.	Click to view... <pre><result> <data> </data> </result> <message> cPanel was unable to automatically merge your Exim configuration with the new settings that shipped with the build you have installed (11.38.0 (build 9999)) because you have a custom or broken configuration which cannot be automatically configured. Since this configuration update is not critical, we left your previous configuration intact until the new</pre>

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

configurat
ion can be
properly
installed.
In order
to
complete
this
configurat
ion
update,
you will
need to
manually
merge your
configurat
ion with
the new
configurat
ion
settings.
Please
follow the
steps
below to
complete
this
update: 1.
<a
href="java
script:sel
ect_exim_b
ackup();">
Backup
your
existing
configurat
ion 2.
<a
href="java
script:sel
ect_exim_a
dvanced();">
Notate
any custom
changes
you have
made in
the ACL
section in
the
'Advanced
Editor
Tab'.
3. <a
href="java
script:sel
ect_exim_r
eset();">C
hoose
'Reset
cPanel
& WHM
Exim
configurat
ion files,
one option
at a time,
until the
installed
Exim
configurat
ion is
valid'
under the
'Reset
Tab'.
4. <a
href="java
script:sel
ect_exim_a
dvanced();">
Reinstal
l your
customizat
ions in
the
'Advanced
Editor
Tab'.

ers_config
cpgreylis_s
ave_commo
n_mail_provi
ders_config

cpgreylis_st
atus

cpgreylis_tr
ust_entries_
for_common
_mail_provid
er

cpgreylis_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

Current
Config
Version:
10.320000

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

					<pre>New Config Version: 10.330000 < /message> </dat a> <meta data> < version>1< /version> < reason>Con figuration Update Failed</re ason> < result>0</ result> < command>ex im_configu ration_che ck</comman d> </met adata> </result></pre>
--	--	--	--	--	---

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_added_rule

modsec_added_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
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_conf
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
_servernam
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_autoss
_check_sch
edule
get_autoss
_log
get_autoss
_logs_catalo
g
get_autoss
_metadata
get_autoss
_pending_q
ueue
get_autoss
_pending_q
ueue_for_do
main
get_autoss
_pending_q
ueue_for_us
er
get_autoss
_problems_f
or_domain
get_autoss
_problems_f
or_user
get_autoss
_providers
get_best_ssl
domain_for_
service
install_servi
ce_ssl_certif
icate
installssl
listcrts
rebuildinstall
edssldb
rebuildusers
sldb
reset_autos
sl_provider
reset_servic
e_ssl_certifi
cate
set_autoss_
metadata
set_autoss_
metadata_k
ey

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_transfer_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

▼ Updates

accept_eula

get_available_tiers

get_current_lts_expiration_status

get_lts_expire

getlongterm support

installed_versions

set_cpanel_updates

set_tier

update_upd
ateconf

version