

WHM API 1 Functions - ea4_pre_migrate_check

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 blockers when you migrate from EasyApache 3 (EA3) to EasyApache 4 (EA4).

Important:

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

Examples

JSON API

```
/json-api/ea4_pre_migrate_check?api.version=1
```

XML API

```
/xml-api/ea4_pre_migrate_check?api.version=1
```

Command Line

```
whmapil ea4_pre_migrate_check
```

Output (JSON)

```
{
  "data": {
    "ea4_pre_migrate_check": [
      {
        "desc": "Cpanel evaluates known issues such as network connectivity",
        "items": [
          {
            "msg": "Cpanel::Easy::Apache::Fileprotect ignored since it does not have an RPM.",
            "status": 1
          }
        ]
      }
    ]
  }
}
```

Function Information

About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

Notes:

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- Ycmt
- 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_domain_info
getdomainowner
has_digest_auth
has_my.cnf_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

```
{  
  "status":1,  
  "msg":"Cpanel::Easy:  
:Apache::SlowRestartP  
atch" ignored since  
it does not have an  
RPM."  
},  
{  
  "msg":"Cpanel::Easy:  
:PHP5::MagicQuotes"  
ignored since it does  
not have an RPM.",  
  "status":1  
},  
{  
  "status":1,  
  "msg":"Cpanel::Easy:  
:PHP5::MailHeaders"  
ignored since it does  
not have an RPM."  
},  
],  
  "name":"Cpanel  
Migrate Blocker",  
  "vendor_id":"Cpanel",  
  "version":1  
},  
{  
  "name":"Example",  
  "items":[  
    {  
      "msg":"Example item  
that means nothing",  
      "status":0  
    }  
  ],  
  "desc":"Example to  
show you how",
```

Find a function

- WHM API 1 Functions - package_manager_resolve_actions — This function resolves the state of a set of Easy Apache 4 RPM packages.

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_conf
igurations

get_provider
_configurati
on_fields

get_provider
_display_co
nfigurations

get_users_a
uthn_linked
_accounts

```
"vendor_id": "Example",
,
"version": 1
    },
    {
"version": 1,
"vendor_id": "Fail",
    "items": [
        {
"msg": "I block thee",
"status": 2
        }
    ],
"name": "Fail
Blockers",
"desc": "These are
true blockers"
    }
],
"metadata": {
    "version": 1,
    "result": 1,
    "reason": "OK",
"command": "ea4_pre_mi
```

- WHM API 1 Functions - php_get_installed_versions — This function returns the installed PHP versions on a server.

- WHM API 1 Functions - php_get_system_default_version — This function returns the system default PHP version.

```

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_date_list
backup_destination_add
backup_destination_delete
backup_destination_get
backup_destination_list

```

```

grate_check"
    }
}

```

▼ Output (XML)

```

<xml>
  <data>

  <ea4_pre_migrate_check>

  <name>Cpanel Migrate Blocker</name>

  <desc>Cpanel evaluates known issues such as network connectivity</desc>
    <items>

  <msg>&#x201C;Cpanel::Easy::Apache::Fileprotect&#x201D; ignored since it does not have an RPM.</msg>

  <status>1</status>
    </items>
  </items>

  <msg>&#x201C;Cpanel::Easy::Apache::SlowRestartPatch&#x201D; ignored since it does not have an RPM.</msg>

  <status>1</status>
    </items>
  </items>

  <msg>&#x201C;Cpanel::Easy::PHP5::MagicQuotes&#x201D; ignored since it does not have an RPM.</msg>

  <status>1</status>
    </items>
  </items>

```

- WHM API 1 Functions - php_get_vhost_versions - This function returns the PHP version of every virtual host on the system.

backup_destination_set	<items>
backup_destination_validate	<msg>“Cpanel::Easy::PHP5::MailHeaders” ignored since it does not have an RPM.</msg>
backup_get_transport_status	<status>1</status>
backup_list_transported	</items>
backup_set_list	<vendor_id>Cpanel</vendor_id>
backup_skip_users_all	<version>1</version>
backup_skip_users_all_status	</ea4_pre_migrate_check>
backup_user_list	<ea4_pre_migrate_check>
convert_and_migrate_from_legacy_config	<name>Example</name>
get_users_with_backup_metadata	<desc>Example to show you how</desc>
list_cparchive_files	<items>
start_background_package	<msg>Example item that means nothing</msg>
toggle_user_backup_state	<status>0</status>
▼ cPHulk	</items>
cphulk_statuses	<vendor_id>Example</vendor_id>
create_cphulk_record	<version>1</version>
delete_cphulk_record	</ea4_pre_migrate_check>
disable_cphulk	<ea4_pre_migrate_check>
enable_cphulk	<name>Fail Blockers</name>
flush_cphulk_login_history	<desc>These are true blockers</desc>
flush_cphulk_login_history_for_ips	<items>
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_databases_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
remote_mysql_monitor_profile_activation
remote_mysql_read_prof

```
<msg>I block  
thee</msg>  
  
<status>2</status>  
  </items>  
  
<vendor_id>Fail</vend  
or_id>  
  
<version>1</version>  
  
</ea4_pre_migrate_che  
ck>  
  </data>  
  <metadata>  
  
<command>ea4_pre_migr  
ate_check</command>  
  
<reason>OK</reason>  
  
<result>1</result>
```

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
 addns
 addzonerecord
 addzonerecord (Reverse DNS)
 dumpzone
 editzonerecord
 get_nameserver_config
 getzonerecord
 has_local_authorized
 killdns
 listmxs
 listzones
 lookupnsip
 lookupnsips

```

<version>1</version>
  </metadata>
</xml>

```

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
ea4_pre_migrate_check	array of hashes	An array of hashes of EA4 migration check information.	This hash contains the name, desc, vendor_id, and version returns.	
name	string	The name of a blocker. The function returns this value in the ea4_pre_migrate_check array.	A valid name.	cPanel Migrate Blocker
desc	string	The description of a blocker. The function returns this value in the ea4_pre_migrate_check array.	A valid description.	Cpanel evaluates known issues such as network connectivity.
vendor_id	string	The name or ID of a vendor. The function returns this value in the ea4_pre_migrate_check array.	A valid ID name or vendor name.	cPanel
version	integer	The version number of a migration.	A positive integer that represents the version number of a migration.	1

removezone
record
resetzone
resolvedom
ainname
savemxs
setresolvers
update_nam
eservers_co
nfig

▼ EasyApache

ea4_get_cur
rently_install
ed_package
s
ea4_get_ea
_pkgs_state
ea4_list_pro
files
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
ers_config
cpgreylist_s
ave_commo
n_mail_provi
ders_config
cpgreylist_st
atus
cpgreylist_tr
ust_entries_

items	<i>array of hashes</i>	An array of hashes of the items.	This hash contains the <code>msg</code> and <code>status</code> returns.	
msg	<i>string</i>	The information that the system displays about a blocker, warning message, or general information. The function returns this value in the <code>items</code> array.	A valid string.	Cpanel::Easy::PHP5::MagicQuotes ignored since it does not have an RPM.
status	<i>integer</i>	The type of message that the system displays. The function returns this value in the <code>items</code> array.	<ul style="list-style-type: none"> • 0 — Information displayed • 1 — Warning message • 2 — Blocker 	1

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
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_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

_getpkgexte
nsionform

add_overrid
e_features_f
or_user

addpkg

addpkgext

changepack
age

create_featu
relist

delete_featu
relist

delpkgext

editpkg

get_availabl
e_applicatio
ns

get_availabl
e_featurelist
s

get_feature_
metadata

get_feature_
names

get_featureli
st_data

get_featureli
sts

get_users_f
eatures_sett
ings

getfeaturelis
t

getpkginfo

killpkg

listpkgs

manage_fea
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_hosts_by_version

php_get_host_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
s

listacts

listresellers

resellerstats

saveacllist

set_public_c
ontact

setacts

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
shtoputty

deletesshke
y

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_tweakse
tting

get_update_
availability

get_users_li
nks

getdiskusag
e

gethostname

is_role_ena
bled

list_configcl
usterservers

loadavg
nvget
nvset
personalization_get
personalization_set
purchase_application_license
reboot
remove_in_progress_exim_configuration
restartservice
restore_configuration_from_file
restore_configuration_from_upload
run_cpkeyctl
send_test_posturl
send_test_pushbullet_notification
servicestatus
set_application_contact_event_importance
set_application_contact_importance
set_primary_servername
set_service_configuration_key
set_tweaking
sethostname
setminimumpasswordstrengths
start_profile_activation
system_needs_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_sch
edule

get_autossl
_log

get_autossl
_logs_catalo
g

get_autossl
_metadata

get_autossl
_pending_q
ueue

get_autossl
_pending_q
ueue_for_do
main

get_autossl
_pending_q
ueue_for_us
er

get_autossl
_problems_f
or_domain

get_autossl
_problems_f
or_user

get_autossl
_providers

get_best_ssl
domain_for_
service

install_servi
ce_ssl_certif
icate

installssl

listcrts

rebuildinstall
edssldb

rebuildusers
sldb

reset_autos
ssl_provider

reset_servic
e_ssl_certifi
cate

set_autossl_
metadata

set_autossl_
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_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