

WHM API 1 Functions - ea4_migration

Guide to WHM API 1

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

Description

This function migrates your system from EasyApache 3 to EasyApache 4. To do this, the function calls the `/usr/local/cpanel/scripts/migrate_ea3_to_ea4` script with the `--y`, `run`, and `--skip-blockers` flags.

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

```
https://hostname.example.com:2087/cpsess#####/json-api/ea4_migration?api.version=1
```

XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/ea4_migration?api.version=1
```

Command Line

```
whmapil ea4_migration
```

- 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:

- Scro
- Ycmtus20 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

Output (JSON)

```
{  
  "data": {  
    "build": 10111  
  },  
  "metadata": {  
    "version": 1,  
    "reason": "OK",  
    "result": 1,  
  
    "command": "ea4_migration"  
  }  
}
```

Output (XML)

```
<result>  
  <data>  
  
    <build>10111</build>  
  </data>  
  <metadata>  
  
    <version>1</version>  
  
    <reason>OK</reason>  
  
    <result>1</result>  
  
    <command>ea4_migration</command>  
  </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.

Note:
To revert your server from EA4 to EA3, call this function with the `revert o`

Find a function

_id
verify_new_
username

▼ Addon Domains

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
ersions

▼ Authentication

api_token_c
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api_token_li
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api_token_r
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api_token_u
pdate

disable_aut
hentication_
provider

disable_faili
ng_authenti
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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
_configurati
on_fields

get_provider
_display_co

ption. For example:

```
whmapi1 ea4_migration revert
```

Returns

Return	Type	Description	Possible values	Example
build	<i>integer</i>	A valid Process ID (PID).	An integer value.	10111

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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

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
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backup_skip
_users_all

backup_skip
_users_all_s
tatus

backup_use
r_list

convert_and
_migrate_fro
m_legacy_c
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get_users_w
ith_backup_
metadata

list_cparchiv
e_files

start_backgr
ound_pkgac
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toggle_user
_backup_sta
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▼ cPHulk

cphulk_statu
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create_cphu
lk_record

delete_cphu
lk_record

disable_cph
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enable_cph
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flush_cphulk
_login_histo
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flush_cphulk
_login_histo
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get_cphulk_
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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
ons

latest_availa
ble_mysql_v
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list_databas
e_users

list_databas
es

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_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

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

ers_config

cpgreylist_s
ave_commo
n_mail_provi
ders_config

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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_cpgreyl
ist_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
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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
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disable_mail
_sni

emailtrack_s
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emailtrack_s
tats

emailtrack_u
ser_stats

enable_dkim

enable_mail
_sni

ensure_dki
m_keys_exi
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exim_config
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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
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modsec_de
ploy_setting
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modsec_dis
able_rule

modsec_dis
able_vendor

modsec_dis
able_vendor
_configs

modsec_dis
able_vendor
_updates

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modsec_edit
_rule

modsec_en
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modsec_en
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_configs

modsec_en
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_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

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get_users_f
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getfeaturelis
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getpkginfo

killpkg

listpkgs

manage_fea
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matchpkgs

read_feature
list

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update_feat
urelist

verify_user_
has_feature

▼ PHP

convert_all_
domains_to
_fpm

get_fpm_co
unt_and_util
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is_conversio
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php_get_def
ault_accoun
ts_to_fpm

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php_get_ins
talled_versio
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php_get_old
_fpm_flag

php_get_sys
tem_default
_version

php_get_vh
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php_get_vh
ost_versions

php_ini_get
_content

php_ini_get
_directives

php_ini_set
_content

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_directives

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_fpm_flag

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php_set_sys
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php_set_vh
ost_versions

▼ Resellers

acctcounts

get_public_c
ontact

getresellerip
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listacIs

listresellers

resellerstats

saveacllist

set_public_c
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▼ 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
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package_m
anager_is_p
erforming_a
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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
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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
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enable_mon
itor_all_ena
bled_service
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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
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get_udp4_s
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get_udp6_s
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get_update_
availability

get_users_li
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is_role_ena
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list_configcl
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loadavg

nvget

nvset

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on_get

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purchase_a
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reboot

remove_in_
progress_ex
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restartservic
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restore_conf
ig_from_file

restore_conf
ig_from_upl
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run_cpkeyclt

send_test_p
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send_test_p
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set_applicati
on_contact_
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set_primary
_servernam
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set_service_
config_key

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setminimum
passwordstr
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start_profile
_activation

system_nee
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systemloada
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update_conf
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update_cont
act_email

verify_aim_a
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verify_icq_a
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verify_oscar
_access

verify_postu
rl_access

verify_pushb
ullet_access

▼ SSL

disable_aut
ossl

fetch_servic
e_ssl_comp
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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
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ticket_get_s
upport_info

ticket_grant

ticket_list

ticket_remov
e_closed

ticket_revok
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ticket_ssh_t
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ticket_ssh_t
est_start

ticket_updat
e_service_a
greement_a
pproval

ticket_valida
te_oauth2_c
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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