

# 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\_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": {  
    "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

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  
nfigurations

get\_users\_a  
uthn\_linked  
\_accounts

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

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  
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  
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  
nfig

▼ EasyApache

ea4\_get\_cur  
rently\_install  
ed\_packages

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\_



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\_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  
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\_  
rsion

get\_rpm\_  
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  
systemneeds\_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  
l\_check\_sch  
edule

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  
main

get\_autoss  
l\_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\_autoss  
l\_check\_for\_  
all\_users

start\_autoss  
l\_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