

# WHM API 1 Functions - rename\_mysql\_database

## Guide to WHM API 1

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

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restore\_mod  
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ue\_clear\_all  
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ue\_clear\_all  
\_failed\_tas  
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\_pending\_tas  
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## Description

This function changes a MySQL® database's name.

MySQL does **not** allow you to rename a database. When cPanel & WHM "renames" a database, the system performs the following steps:

1. The system creates a new database.
2. The system moves data from the old database to the new database.
3. The system recreates grants and stored code in the new database.
4. The system deletes the old database and its grants.

### Warning:

- If **any** of the first three steps fail, the system returns an error and attempts to restore the database's original state. If the restoration process fails, the API function's error response describes these additional failures.
- In rare cases, the system creates the second database successfully, but fails to delete the old database or grants. The system treats the rename action as a success; however, the API function returns warnings that describe the failure to delete the old database or grants.

### Important:

In cPanel & WHM version 76 and later, when you disable the MySQL 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/rename_mysql_database?api.version=1&oldname=database&newname=database2&cpuser=example
```

### XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/rename_mysql_database?api.version=1&oldname=database&newname=database2&cpuser=example
```

## Function information

## About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

### Notes:

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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\_or\_cpuser  
limitbw  
list\_users  
listaccts  
listlockedaccounts  
listsuspended  
modifyacct  
myprivs  
passwd  
quota\_enabled  
removeacct  
set\_digest\_auth  
showbw  
suspendacct  
unsuspendacct  
untrack\_acct

Command Line

```
whmapil  
rename_mysql_database  
oldname=database  
newname=database2  
cpuser=example
```

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)

```
{  
  "metadata": {  
    "version": 1,  
    "reason": "OK",  
    "result": "1",  
    "command":  
    "rename_mysql_databases"  
  }  
}
```

Find a function

- WHM API 1 Functions - rename\_mysql\_database — This function changes a MySQL® database's name.

- \_id
- verify\_new\_username
- convert\_addon\_fetch\_conversion\_details
    - convert\_addon\_fetch\_domain\_details
    - convert\_addon\_get\_conversion\_status
    - convert\_addon\_initiate\_conversion
    - convert\_addon\_list\_addon\_domains
    - convert\_addon\_list\_conversions
- api\_token\_create
    - api\_token\_list
    - api\_token\_revoke
    - api\_token\_update
    - disable\_authentication\_provider
    - disable\_failing\_authentication\_providers
    - enable\_authentication\_provider
    - get\_available\_authentication\_providers
    - get\_login\_url
    - get\_provider\_client\_configurations
    - get\_provider\_configuration\_fields
    - get\_provider\_display\_co

### Output (XML)

```

<result>
  <metadata>

  <version>1</version>

  <reason>OK</reason>

  <result>1</result>

  <command>rename_mysql_database</command>
  </metadata>
</result>

```

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

### Parameters

Parameter	Type	Description	Possible values	Example
oldname	string	<b>Required</b> The database's current name.	A valid database name.	database
newname	string	<b>Required</b> The database's new name.	A valid database name.	database2

**Warning:**

- If database separator is

- WHM API 1 Functions - rename\_mysql\_user — This function changes a MySQL® database user's name.
- WHM API 1 Functions - set\_mysql\_password — This function changes a MySQL® database user's password.

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

enabled, this parameter must include the database prefix for the account

- WHM API 1 Functions - installable\_mysql\_versions — This function lists all available versions of MySQL® and MariaDB.

backup\_dest  
ination\_get  
  
backup\_dest  
ination\_list  
  
backup\_dest  
ination\_set  
  
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\_users\_all  
  
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backup\_use  
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convert\_and  
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get\_users\_w  
ith\_backup\_  
metadata  
  
list\_cparchiv  
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start\_backgr  
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toggle\_user  
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▼ cPHulk

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create\_cphu  
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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  
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remote\_mys  
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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

addns  
addzonerecord  
addzonerecord (Reverse DNS)  
dumpzone  
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get\_nameserver\_config  
getzonerecord  
has\_local\_authority

ersoft that limit. Therefore, if you enable database prefixing, the maximum length of the data b

killdns  
listmxs  
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lookupnsip  
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removezone  
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update\_nam  
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▼ EasyApache

ea4\_get\_cur  
rently\_install  
ed\_packages  
  
ea4\_get\_ea  
\_pkgs\_state  
  
ea4\_list\_pro  
files  
  
ea4\_metainf  
o  
  
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  
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cpgreylist\_li  
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or\_common  
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cpgreelist\_u  
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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  
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			t .	
cpuser	string	The database's owner.	A valid username.	username

▼ 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  
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exim\_config  
uration\_che  
ck  
expunge\_m

## Returns

This function only returns metadata.

**Note:**

This function's metadata includes the `payload_is_literal` return. For more information, read our [WHM API 1 - Return Data](#) documentation.

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  
s\_changes

modsec\_dis  
able\_rule

modsec\_dis  
able\_vendor

modsec\_dis  
able\_vendor  
\_configs

modsec\_dis  
able\_vendor  
\_updates

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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

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get\_users\_f  
eatures\_sett  
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getfeaturelis  
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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  
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is\_conversio  
n\_in\_progre  
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php\_get\_def  
ault\_accoun  
ts\_to\_fpm

php\_get\_ha  
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php\_get\_im  
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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  
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  
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php\_set\_old  
\_fpm\_flag

php\_set\_ses  
sion\_save\_p  
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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

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▼ RPM

delete\_rpm\_  
version

edit\_rpm\_ve  
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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  
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configureser  
vice

cors\_proxy\_  
get

create\_user  
\_session

delete\_confi  
gclusterserv  
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get\_all\_cont  
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get\_appconf  
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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  
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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  
ockets

get\_update\_  
availability

get\_users\_li  
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getdiskusag  
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list\_configcl  
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loadavg

nvget

nvset

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purchase\_a  
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reboot

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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  
osturl

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set\_applicati  
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config\_key

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start\_profile  
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update\_conf  
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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\_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\_  
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▼ Styles and Themes

generate\_cp  
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▼ Support Tickets

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ticket\_grant

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ticket\_remov  
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ticket\_ssh\_t  
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est\_start

ticket\_updat  
e\_service\_a  
greement\_a  
pproval

ticket\_valida  
te\_oauth2\_c  
ode

ticket\_whitel  
ist\_check

ticket\_whitel  
ist\_setup

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▼ Transfers

abort\_transf  
er\_session

analyze\_tra  
nsfer\_sessio  
n\_remote

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ules

create\_remo  
te\_root\_tran  
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create\_remo  
te\_user\_tran  
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nt\_archives

enqueue\_tra  
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fetch\_transf  
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og

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\_session\_st  
ate

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fer\_session

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c\_credential  
\_check

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sfer\_session  
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dule\_schem  
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validate\_sys  
tem\_user

▼ Updates

accept\_eula

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pire

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sions

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set\_tier

update\_upd  
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