

# WHM API 1 Functions - background\_mysql\_upgrade\_status

## Guide to WHM API 1

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## Description

This function retrieves the status of a background MySQL® or MariaDB® upgrade.



### 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

```
https://hostname.example.com:2087/cpsess#####/json-api/background_mysql_upgrade_status?api.version=1&upgrade_id=mysql_upgrade.20141108-172923
```

```
https://hostname.example.com:2087/cpsess#####/xml-api/background_mysql_upgrade_status?api.version=1&upgrade_id=mysql_upgrade.20141108-172923
```

```
whmapil background_mysql_upgrade_status upgrade_id=mysql_upgrade.20141108-172923
```



### 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
```

## Function information

### API

**Version:**

[WHM API 1](#)

**Available in:**

cPanel 11.48+

**Methods:**

GET, POST

**Required**

**Parameters:**

`upgrade_id`

**Return**

**Format:**

JSON, XML



### Important:

cPanel & WHM version 66 **deprecated** XML output.

## About WHM API 1

WHM API 1 performs functions and accesses data in WHM.



### Notes:

[applist](#)  
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[editquota](#)  
[forcepasswordchange](#)  
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[get\\_domain\\_info](#)  
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[set\\_digest\\_auth](#)  
[showbw](#)  
[suspendacct](#)  
[unsuspendacct](#)  
[untrack\\_acct\\_id](#)  
[verify\\_new\\_username](#)  
[convert\\_addon\\_fetch\\_conversion\\_details](#)

```

{
  "data": {
    "error": 0,
    "log": "Starting
process with log file at
/var/cpanel/logs/mysql_upgrade.20141108-172923
/unattended_background_upgrade.log\nBeginning
\"MariaDB 10.0\" upgrade...\nObtained version information
from
system.\nEnsuring the \"MariaDB100\" repository is
available and
working.\nchecking yum version 22.3\nEnsuring that the
package
\"MariaDB-client\" with version matching \"10.0\" is
available.\nEnsuring
that the package \"MariaDB-common\" with version matching
\"10.0\" is
available.\nEnsuring that the package \"MariaDB-devel\"
with version
matching \"10.0\" is available.\nEnsuring that the package
\"MariaDB-server\" with version matching \"10.0\" is
available.\nEnsuring
that the package \"MariaDB-shared\" with version matching
\"10.0\" is
available.\nEnsuring that the package \"coreutils\" is
available.\nEnsuring that the package \"grep\" is available.
\nEnsuring
that the package \"perl-DBI\" is available.\n your MariaDB
server version
for the right syntax to use near '.
`netcopya0I5KfqYTfHqJr` FOR UPGRADE'
at line 1 when executing 'CHECK TABLE ... FOR
UPGRADE'\nFATAL ERROR:
Upgrade failed\nDone building configuration.\nHooks
system
enabled.\nChecking for and running RPM::Versions 'post'
hooks for any
RPMs about to be installed\nAll required 'post' hooks
have been
run\nRunning: /usr/local/cpanel/scripts/check_cpanel_rpms
--targets=MySQL41,MySQL50,MySQL51,MySQL55,MySQL56,
MariaDB100,MariaDB101
--fix\nRestarting mysql service.\nWaiting for \"mysql\" to
restart
.....
..waiting for \"mysql\" to initialize
.....finished.\n\u001b[1;32mMariaDB upgrade completed
successfully\u001b
[0m\n-----\nChecking
for Ruby update...\nNo Ruby update
required.\n-----\n",
    "state": "success"
  },
  "metadata": {
    "version": 1,
    "reason": "OK",
    "result": "1",
    "command": "background_mysql_upgrade_status"
  }
}

```

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[convert\\_addon\\_fetch\\_domain\\_details](#)  
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[convert\\_addon\\_initiate\\_conversion](#)  
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[enable\\_authentication\\_provider](#)  
[get\\_available\\_authentication\\_providers](#)  
[get\\_login\\_url](#)  
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[get\\_provider\\_configuration\\_fields](#)  
[get\\_provider\\_display\\_configurations](#)  
[get\\_users\\_authn\\_linked\\_accounts](#)  
[link\\_user\\_authn\\_provider](#)  
[set\\_provider\\_client\\_configurations](#)  
[set\\_provider\\_display\\_configurations](#)  
[twofactorauth\\_disable\\_policy](#)

```

<result>
  <data>
    <error>0</error>
    <log>Starting
      process with log file at
      /var/cpanel/logs/mysql_upgrade.20141108-172923
      /unattended_background_upgrade.log\nBeginning
      "MariaDB 10.0" upgrade...\nObtained version information
      from
      system.\nEnsuring the "MariaDB100" repository is
      available and
      working.\ncheckyum version 22.3\nEnsuring that the
      package
      "MariaDB-client" with version matching "10.0" is
      available.\nEnsuring
      that the package "MariaDB-common" with version matching
      "10.0" is
      available.\nEnsuring that the package "MariaDB-devel"
      with version
      matching "10.0" is available.\nEnsuring that the package
      "MariaDB-server" with version matching "10.0" is
      available.\nEnsuring
      that the package "MariaDB-shared" with version matching
      "10.0" is
      available.\nEnsuring that the package "coreutils" is
      available.\nEnsuring that the package "grep" is available.
      \nEnsuring
      that the package "perl-DBI" is available.\n your MariaDB
      server version
      for the right syntax to use near '.
      `netcopya0I5KfqYTfHqJr` FOR UPGRADE'
      at line 1 when executing 'CHECK TABLE ... FOR
      UPGRADE'\nFATAL ERROR:
      Upgrade failed\nDone building configuration.\nHooks
      system
      enabled.\nChecking for and running RPM::Versions 'post'
      hooks for any
      RPMs about to be installed\nAll required 'post' hooks
      have been
      run\nRunning: /usr/local/cpanel/scripts/check_cpanel_rpms
      --targets=MySQL41,MySQL50,MySQL51,MySQL55,MySQL56,
      MariaDB100,MariaDB101
      --fix\nRestarting mysql service.\nWaiting for "mysql" to
      restart
      .....
      ..waiting for "mysql" to initialize
      .....finished.\n\u001b[1;32mMariaDB upgrade completed
      successfully\u001b
      [0m\n-----\nChecking
      for Ruby update...\nNo Ruby update
      required.\n-----\n</log>
    <state>success</state>
  </data>
  <metadata>
    <version>1</version>
    <reason>OK</reason>
    <result>1</result>
    <command>background_mysql_upgrade_status</command>
  </metadata>
</result>

```



**Note:**

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

• **Y o u m u s t u s e t h e a p p r o p r i a t e W H M M p o r t s ( 2 0 8 6 0 r 2 0 8 7 ) t o c a l l W H M A P I f u n c t i o n s .**

Find a function

Related functions

[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](#)

[backup\\_config\\_get](#)

[backup\\_config\\_set](#)

[backup\\_date\\_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\\_set\\_list\\_combined](#)

[backup\\_skip\\_users\\_all](#)

## Parameters

Return	Type	Description	Possible values	Example
upgrade_id	string	<b>Required</b> The logfile's name. <div style="border: 1px solid #ffc107; padding: 5px; margin-top: 10px;"> <b>Note:</b> Log files exist in the /var/cpanel/logs/ directory.</div>	A valid filename.	mysql_upgrade.20141108-172923

## Returns

Return	Type	Description	Possible values	Example
error	integer	An error code.	<ul style="list-style-type: none"><li>0 — Successful upgrade.</li><li>-1 — Child process died from a signal.</li><li>4 — MySQL upgrade failed error code.</li><li>5 — Ruby upgrade failed error code.</li><li>8 — EasyApache upgrade failed error code.</li></ul>	0

- [WHM API 1 Functions - rename\\_mysql\\_database](#) — This function changes a MySQL® database's name.
- [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.
- [WHM API 1 Functions - installable\\_mysql\\_versions](#) — This function lists all available versions of MySQL® and MariaDB.
- [WHM API 1 Functions - current\\_mysql\\_version](#) — This function retrieves the server's version of MySQL® or MariaDB®.

<p>backup_skip_users_all_status</p> <p>backup_user_list</p> <p>convert_and_migrate_from_legacy_config</p> <p>get_users_with_backup_metadata</p> <p>list_cparchive_files</p> <p>start_background_pkgacct</p> <p>toggle_user_backup_state</p> <p>cphulk_status</p> <p>create_cphulk_record</p> <p>delete_cphulk_record</p> <p>disable_cphulk</p> <p>enable_cphulk</p> <p>flush_cphulk_login_history</p> <p>flush_cphulk_login_history_for_ips</p> <p>get_countries_with_known_ip_ranges</p> <p>get_cphulk_brutes</p> <p>get_cphulk_excessive_brutes</p> <p>get_cphulk_failed_logins</p> <p>get_cphulk_user_brutes</p> <p>load_cphulk_config</p> <p>read_cphulk_records</p> <p>save_cphulk_config</p> <p>set_cphulk_config_key</p> <p>background_mysql_upgrade_status</p> <p>current_mysql_version</p>	<p>log</p>	<p>string</p>	<p>The upgrade's log file.</p>	<p>A valid log file.</p>	<pre> Starting process with log file at /var/cpanel/logs/mysql_upgrade. 20141108-172923 /unattended_background_upgrade. log\nBeginning "MariaDB 10.0" upgrade... \nObtained version information from system.\nEnsuring the "MariaDB100" repository is available and working.\nnccheckyum version 22.3 \nEnsuring that the package "MariaDB-client" with version matching "10.0" is available. \nEnsuring that the package "MariaDB- common" with version matching "10.0" is available.\nEnsuring that the package "MariaDB-devel" with version matching "10.0" is available. \nEnsuring that the package "MariaDB-server" with version matching "10.0" is available. \nEnsuring that the package "MariaDB- shared" with version matching "10.0" is available.\nEnsuring that the package "coreutils" is available.\nEnsuring that the package "grep" is available. \nEnsuring that the package "perl-DBI" is available.\n your MariaDB server version for the right syntax to use near '.netcopya0I5KfQYTFHqJr` FOR UPGRADE` at line 1 when executing 'CHECK TABLE ... FOR UPGRADE'\nFATAL ERROR: Upgrade failed\nDone building configuration.\nHooks system enabled.\nChecking for and running RPM:Versions 'post' hooks for any RPMs about to be installed\nAll required 'post' hooks have been run\nRunning: /usr/local/cpanel /scripts/check_cpanel_rpms --targets=MySQL41,MySQL50, MySQL51,MySQL55,MySQL56, MariaDB100,MariaDB101 --fix\nRestarting mysql service. \nWaiting for "mysql" to restart .....waiting for "mysql" to initialize .....finished.\n\u001b[1; 32mMariaDB upgrade completed successfully\u001b [0m\n-----\nChecking -----\nChecking for Ruby update...\nNo Ruby update required. \n-----\n -----\n </pre>
<p>state</p>	<p>string</p>	<p>The upgrade's state.</p>	<ul style="list-style-type: none"> <li>• success</li> <li>• failed</li> <li>• in progress</li> </ul>	<p>success</p>	

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dumpzone  
editzonerecord  
get\_nameserver\_config  
getzonerecord  
has\_local\_authority  
killdns  
listmxs  
listzones  
lookupnsip  
lookupnsips  
removezonerecord  
resetzone  
resolvedomainname  
savemxs  
setresolvers  
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ea4\_get\_currently\_installed\_packages  
ea4\_get\_ea\_pkgs\_state  
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ea4\_metainfo  
ea4\_migration  
ea4\_pre\_migrate\_check  
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ea4\_save\_profile  
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ea4\_tomcat85\_list  
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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\_current\_installed\_exim\_config

validate\_current\_dkims

validate\_current\_ptrs

validate\_current\_spfs

validate\_exit\_configuration\_syntax

disable\_market\_provider

enable\_market\_provider

get\_adjusted\_market\_providers\_products

get\_market\_providers\_commission\_config

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get\_market\_providers\_product\_metadata

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set\_market\_product\_attribute

set\_market\_provider\_commission\_id

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modsec\_add\_vendor

modsec\_assemble\_config\_text

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setresellerips  
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its  
setresellerma  
inip  
setresellerna  
meservers  
setresellerpa  
ckagelimit  
setupreseller  
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nager\_is\_per  
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