

# WHM API 1 Functions - list\_databases

## Guide to WHM API 1

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## Description

This function lists the server's databases.



### Warning:

On most servers, this function returns a large amount of output. We **strongly** suggest that you [filter](#) and [sort](#) the output.



### Important:

In cPanel & WHM version 76 and later, when you disable the MySQL and PostgreSQL roles, 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/list_databases?api.version=1
```

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

```
whmapil list_databases
```



### 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:** WHM 11.44+  
**Methods:** GET, POST  
**Required Parameters:** (none)  
**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](#)  
[createacct](#)  
[domainuserdata](#)  
[editquota](#)  
[forcepasswordchange](#)  
[get\\_disk\\_usage](#)  
[get\\_domain\\_info](#)  
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[has\\_mycnf\\_for\\_cpuser](#)  
[limitbw](#)  
[list\\_users](#)  
[listaccts](#)  
[listlockedaccounts](#)  
[listsuspended](#)  
[modifyacct](#)  
[myprivs](#)  
[passwd](#)  
[quota\\_enabled](#)  
[removeacct](#)  
[set\\_digest\\_auth](#)  
[showbw](#)  
[suspendacct](#)  
[unsuspendacct](#)  
[untrack\\_acct\\_id](#)  
[verify\\_new\\_username](#)  
[convert\\_addon\\_fetch\\_conversion\\_details](#)  
[convert\\_addon\\_fetch\\_domain\\_details](#)  
[convert\\_addon\\_get\\_conversion\\_status](#)  
[convert\\_addon\\_initiate\\_conversion](#)

```

{
  "data": {
    "payload": [
      {
        "engine": "postgresql",
        "name": "example_db0",
        "cpuser": "example"
      },
      {
        "engine": "postgresql",
        "name": "example_db1",
        "cpuser": "example"
      }
    ]
  },
  "metadata": {
    "version": 1,
    "reason": "OK",
    "result": "1",
    "command": "list_databases"
  }
}

```

```

<result>
  <data>
    <payload>
      <engine>postgresql</engine>
      <name>example_db0</name>
      <cpuser>example</cpuser>
    </payload>
    <payload>
      <engine>postgresql</engine>
      <name>example_db1</name>
      <cpuser>example</cpuser>
    </payload>
  </data>
  <metadata>
    <version>1</version>
    <reason>OK</reason>
    <result>1</result>
    <command>list_databases</command>
  </metadata>
</result>

```



**Note:**

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

• Some functions are parameter setters that require authentication.

## Parameters

This function does not accept parameters.

## Returns

Return	Type	Description	Possible values	Example
payload	array of hashes	An array of hashes of database data.	This hash includes the engine, name, and cpuser returns.	

[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\\_faillog\\_authentication\\_providers](#)

[enable\\_authentication\\_provider](#)

[get\\_available\\_authentication\\_providers](#)

[get\\_login\\_url](#)

[get\\_provider\\_client\\_configurations](#)

[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](#)

[twofactorauth\\_enable\\_policy](#)

[twofactorauth\\_generate\\_tfa\\_config](#)

[twofactorauth\\_get\\_issuer](#)

engine	<i>string</i>	The database's engine. The function returns this value in the payload hash.	<ul style="list-style-type: none"><li>mysql</li><li>postgresql</li></ul>	postgresql
name	<i>string</i>	The database's name. The function returns this value in the payload hash.	A valid database name.	example_db0
creator	<i>string</i>	The database's owner. The function returns this value in the payload hash.	A valid username.	example

- You must use the appropriate WHM ports (2086 or 2087) to call WHM API functions.

Find a function

Related functions

twofactorauth  
\_get\_user\_co  
nfigs

twofactorauth  
\_policy\_status

twofactorauth  
\_remove\_use  
r\_config

twofactorauth  
\_set\_issuer

twofactorauth  
\_set\_tfa\_conf  
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unlink\_user\_  
authn\_provid  
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validate\_logi  
n\_token

backup\_conf  
ig\_get

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ig\_set

backup\_date  
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backup\_user  
\_list

- [WHM API 1 Sections - Databases](#) — Database functions allow you to manage your MySQL® and PostgreSQL® database settings.
- [WHM API 1 Functions - background\\_mysql\\_upgrade\\_status](#) — This function retrieves the status of a background MySQL® or MariaDB® upgrade.
- [WHM API 1 Functions - current\\_mysql\\_version](#) — This function retrieves the server's version of MySQL® or MariaDB®.
- [WHM API 1 Functions - installable\\_mysql\\_versions](#) — This function lists all available versions of MySQL® and MariaDB.
- [WHM API 1 Functions - latest\\_available\\_mysql\\_version](#) — This function retrieves the latest available version of MySQL® or MariaDB®.

convert\_and\_migrate\_from\_legacy\_config

get\_users\_with\_backup\_metadata

list\_cparchive\_files

start\_background\_pkgacct

toggle\_user\_backup\_state

cphulk\_status

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\_brutes

get\_cphulk\_failed\_logins

get\_cphulk\_user\_brutes

load\_cphulk\_config

read\_cphulk\_records

save\_cphulk\_config

set\_cphulk\_config\_key

background\_mysql\_upgrade\_status

current\_mysql\_version

installable\_mysql\_versions

latest\_available\_mysql\_version

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get\_nameserver\_config  
getzonerecord  
has\_local\_authority  
killdns  
listmxs  
listzones  
lookupnsip  
lookupnsips  
removezonerecord  
resetzone  
resolvedomainname  
savemxs  
setresolvers  
update\_nameservers\_config  
ea4\_get\_currently\_installed\_packages  
ea4\_get\_ea\_pkgs\_state  
ea4\_list\_profiles  
ea4\_metainfo  
ea4\_migration  
ea4\_pre\_migrate\_check  
ea4\_recommendations  
ea4\_save\_profile  
ea4\_tomcat85\_add  
ea4\_tomcat85\_list  
ea4\_tomcat85\_remove  
cpgreylist\_is\_server\_netblock\_trusted  
cpgreylist\_list\_entries\_for\_common\_mail\_provider

cpgreylist\_lo  
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mail\_provider  
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create\_cpgr  
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delete\_cpgr  
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disable\_cpgr  
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addips

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get\_public\_ip

get\_shared\_ip

ipv6\_disable  
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nat\_set\_publi  
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ser\_stats

enable\_dkim

enable\_mail\_  
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ensure\_dkim  
\_keys\_exist

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expunge\_mai  
lbox\_messag  
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ssages\_for\_  
mailbox\_guid

fetch\_dkim\_p  
rivate\_keys

fetch\_mail\_q  
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generate\_mailbox\_config

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\_exim\_configuration\_syntax

disable\_marketing\_provider

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modsec\_enable\_vendor\_updates

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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

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\_applications

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manage\_feat  
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omains\_to\_fpm

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php\_get\_impacted\_domains

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php\_get\_old\_fpm\_flag

php\_get\_system\_default\_version

php\_get\_versions\_by\_version

php\_get\_versions

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php\_set\_system\_default\_version

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package\_manager\_get\_package\_info  
package\_manager\_is\_performing\_actions  
package\_manager\_list\_packages  
package\_manager\_resolve\_actions  
package\_manager\_submit\_actions

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get\_remote\_access\_hash  
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get\_udp4\_sockets  
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set\_application\_contact\_importance  
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setminimumpasswordstrengths  
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start\_transfer  
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