

WHM API 0 Functions - validate_exim_configuration_syntax

Guide to WHM API 0

Return Data

Description

This function evaluates and validates an Exim configuration file's syntax.

Examples

Accounts

JSON API

```
https://hostname.example.com:2087/cpsess#####/json-api/validate_exim_configuration_syntax?cfg_text=CONFIGURATIONFILE&section=acl
```

XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/validate_exim_configuration_syntax?cfg_text=CONFIGURATIONFILE&section=acl
```

accounts
summary

applist

createacct

domainuser
data

editquota

limitbw

listaccts

listsuspended

modifyacct

myprivs

passwd

removeacct

showbw

suspendacct

unsuspendacct

DNS

adddns

addzonerecord

dumpzone

editzonerecord

getzonerecord

killdns

listzones

lookupnsip

lookupnsips

removezone
record

resetzone

setresolvers

IP Addresses

addip

Function information

About WHM API 0

WHM API 0 performs functions and accesses data in WHM.

Warning: WHM API 0 is deprecated. We strongly recommend using WHM API 1.

- delip
- listips
- setsiteip
- deliver_mail_queue
 - deliver_messages_mail_queue
 - exim_configuration_check
 - fetch_doc_key
 - purge_mail_queue
 - remove_in_progress_exim_configedit
 - remove_messages_mail_queue
 - unfreeze_messages_mail_queue
 - validate_current_installed_exim_config
 - validate_exim_configuration_syntax
- addpkg
 - changepackage
 - editpkg
 - getfeaturelist
 - killpkg
 - listpkgs
- acctcounts
 - getresellers
 - listacts
 - listresellers
 - resellerstats
 - saveacllist
 - setacts

Command Line

```
whmapi0
validate_exim_configuration_syntax
cfg_text=CONFIGURATION_FILE section=acl
```

Notes:

- You **must** URI-encode values.
- For more information and additional output options, read our [Guide to WHM API 0](#) documentation or run the `whmapi0 --help` command.
- If you run CloudLinux™, you **must** use the full path of the `whmapi0` command:

```
/usr/local/cpanel/bin/whmapi0
```

Notes:

- Scro
- Yc
- mi
- us
- 20
- or
- 20
-)tc

Find a function

- WHM API 0 Functions - deliver_mail_queue
— This function delivers all messages in the server's mail queue.

setresellerips
setresellerimits
setresellermainip
setresellerameservers
setresellerpackagelimit
setupreseller
suspendreseller
terminatereseller
unsetupreseller
unsuspendreseller

▼ Server

Administration

configureserver
vice
gethostname
getlanglist
loadavg
nvget
nvset
reboot
restartservice
servicestatus
sethostname

▼ SSL

fetchsslinfo
generatessl
installssl
listcerts

▼ Updates

get_available_tiers
set_cpanel_updates
set_tier
version

▼ Output (JSON)

```
{
  "status":1,
  "rawout":"Exim
version 4.76 #1 built
16-Aug-2011
11:41:07\nCopyright
(c) University of
Cambridge,
1995 - 2007\nBerkeley
DB: Sleepycat
Software: Berkeley DB
4.3.29: (July 12,
2010)\nSupport for:
crypteq iconv() IPv6
PAM Perl OpenSSL
Content_Scanning DKIM
Old_Demime
Experimental_SPF
Experimental_SRS\nLoo
kups (built-in):
lsearch wildlsearch
nwildlsearch
iplsearch dbm dbmnz
passwd
\nAuthenticators:
cram_md5 dovecot
plaintext
spa\nRouters: accept
dnslookup ipliteral
manualroute
queryprogram
redirect\nTransports:
appendfile/maildir
autoreply pipe
smtp\nSize of off_t:
8\n\n"
}
```

- WHM API 0 Functions - deliver_message_queue - This function delivers all messages in the server's mail queue.
- WHM API 0 Functions - fetch_doc_key - This function is for internal use only.

Output (XML)

```
<validate_exim_configuration_syntax>
  <rawout>
    Exim version
    4.76 #1 built
    16-Aug-2011 11:41:07
    Copyright (c)
    University of
    Cambridge,
    1995 - 2007 Berkeley
    DB: Sleepycat
    Software: Berkeley DB
    4.3.29: (July 12,
    2010) Support for:
    crypteq iconv() IPv6
    PAM Perl OpenSSL
    Content_Scanning DKIM
    Old_Demime
    Experimental_SPF
    Experimental_SRS
    Lookups (built-in):
    lsearch wildlsearch
    nwildlsearch
    iplsearch dbm dbmnz
    passwd
    Authenticators:
    cram_md5 dovecot
    plaintext spa
    Routers: accept
    dnslookup ipliteral
    manualroute
    queryprogram redirect
    Transports:
    appendfile/maildir
    autoreply pipe smtp
    Size of off_t: 8
  </rawout>

  <status>1</status>
</validate_exim_configuration_syntax>
```

- WHM API 0 Functions - remove_in_progress_exim_configuration_edit
— This function reverses a currently-in-progress Exim configuration edit.

Parameters

Parameter	Type	Description	Possible values	Example
	<i>string</i>		An Exim configuration	

cfg_text

The Exim configuration file's raw text.

If you do not use this parameter, the function will analyze Exim's current configuration.

file.

[Click to view...](#)

```
#!/# cPanel
Exim 4
Config
hostlist
loopback =
<
; 127.0.0.0/8
; 0.0.0.0 ;
::1 ;
0000:0000:0
000:0000:00
00:ffff:7f0
0:0000/8
hostlist
senderverif
ybyypass_hos
ts =
net-iplsear
ch;/etc/sen
derverifyby
passhosts
hostlist
skipsmtpche
ck_hosts =
net-iplsear
ch;/etc/ski
psmtptcheckh
osts
hostlist
spammeripbl
ocks =
net-iplsear
ch;/etc/spa
mmeripblock
s
hostlist
backupmx_ho
sts =
lsearch;/et
c/backupmxh
osts
hostlist
trustedmail
hosts =
lsearch;/et
c/trustedma
ilhosts
hostlist
relay_hosts
=
net-iplsear
ch;/etc/rel
ayhosts
domainlist
user_domain
s = ${if
exists{/etc
/userdomain
s}
{lsearch;/e
tc/userdoma
ins} fail}
smtp_accept
_queue_per_
connection
= 30
remote_max_
parallel =
10
smtp_receiv
e_timeout =
165s
ignore_boun
ce_errors_a
fter = 1d
rfcl413_que
ry_timeout
= 0s
timeout_fro
zen_after =
5d
auto_thaw =
7d
callout_dom
ain_negativ
e_expire =
1h
callout_neg
ative_expir
e = 1h
acl_not_smt
p =
acl_not_smt
p
acl_smtp_co
nnect =
acl_smtp_co
nnect
```

```
acl_smtp_data =
acl_smtp_data
acl_smtp_mail =
acl_smtp_mail
acl_smtp_quit =
acl_smtp_quit
acl_smtp_noquit =
acl_smtp_noquit
acl_smtp_rcpt =
acl_smtp_rcpt
message_body_newlines = true
perl_at_start = true
deliver_queue_load_max = 36
queue_only_load = 72
daemon_smtp_ports = 25 : 465 : 587
tls_on_connection_ports = 465
system_filter_user = cpanelximfilter
system_filter_group = cpanelximfilter
tls_require_ciphers = ALL:!ADH:RC4+RSA:+HIGH:+MEDIUM:-LOW:-SSLv2:-EXP
spamd_address = 127.0.0.1
783
#
+incoming_port,
+smtp_connection are needed for cPanel email tracking.
#
-retry_defer,
+subject,
+arguments,
+received_recipients are suggested settings that may be disabled.
log_selector =
+incoming_port
+smtp_connection
-retry_defer
+subject
+arguments
+received_recipients
system_filter =
/etc/cpanel_exim_system_filter

### These options specify the Access Control Lists (ACLs) that
```

```
### are
used for
incoming
SMTP
messages -
after the
RCPT and
DATA
###
commands,
respectivel
y.
```

```
### This
setting
defines a
named
domain list
called
###
local_domai
ns, created
from the
old options
that
###
referred to
local
domains. It
will be
referenced
### later
on by the
syntax
"+local_dom
ains".
### Other
domain and
host lists
may follow.
```

```
domainlist
local_domai
ns =
lsearch;/et
c/localdoma
ins
domainlist
outside_jai
l_domains =
lsearch;/et
c/outside_j
ail_domains
```

```
domainlist
relay_domai
ns =
lsearch;/et
c/localdoma
ins : \
    lsearch
;/etc/secon
darymx
hostlist
auth_relay_
hosts = *
```

```
#####
#####
#####
#####
#####
#####
#####
#####
#####
#####
#####
```

```
Runtime
configurati
on file for
Exim
```

```
#
#####
#####
#####
#####
#####
#####
#####
#####
#####
```

```
# This is a
default
configurati
on file
which will
operate
correctly
in
```

```
#
uncomplicat
ed
installatio
ns. Please
see the
manual for
a complete
list
# of all
the runtime
configurati
on options
that can be
included in
a
#
configurati
on file.
There are
many more
than are
mentioned
here. The
# manual is
in the file
doc/spec.tx
t in the
Exim
distributio
n as a
plain
# ASCII
file. Other
formats
(PostScript
, Texinfo,
HTML) are
available
from
# the Exim
ftp sites.
The manual
is also
online via
the Exim
web sites.
```

```
# This file
is divided
into
several
parts, all
but the
last of
which are
#
terminated
by a line
containing
the word
"end". The
parts must
appear
# in the
correct
order, and
all must be
present
(even if
some of
them are
# in fact
empty).
Blank
lines, and
lines
starting
with # are
ignored.
```

```
#####
#####
#####
#####
#####
###
#
```

```
MAIN
CONFIGURATI
ON
SETTINGS

#
```


				<pre>##### ##### ##### ##### ##### ##### ### perl_startu p = do '/etc/exim. pl'</pre>
section	string	<p>The Exim configuration file's section to check.</p> <p>If you use this parameter, only pass the section to validate as the <code>cfg_text</code> value.</p>	A valid Exim configuration file section name.	acl

Returns

Return	Type	Description	Possible values	Example
validate_exim_configuration_syntax	hash	A hash of configuration information.	This hash includes the <code>rawout</code> , <code>status</code> , <code>error_msg</code> , <code>error_line</code> , <code>broken_cfg_html</code> , and <code>broken_cfg_text</code> returns.	
<code>rawout</code>	string	<p>The Exim configuration text's raw output.</p> <p>The function returns this value in the <code>validate_exim_configuration_syntax</code> hash.</p>	A valid string.	<p>Click to view...</p> <pre>Exim version 4.76 #1 built 16-Aug-2011 11:41:07 \nCopyright (c) Universi ty of Cambridg e, 1995 - 2007\nBe rkeley DB: Sleepyca t Software : Berkeley DB 4.3.29: (July 12, 2010)\nS upport for:</pre>

				<pre> crypteq iconv() IPv6_PAM Perl OpenSSL Content_ Scanning DKIM Old_Demi me Experime ntal_SPF Experime ntal_SRS \nLookup s (built-i n): lsearch wildlsea rch nwildlse arch iplsearc h dbm dbmnz passwd \nAuthen ticators : cram_md5 dovecot plaintex t spa\nRou ters: accept dnslooku p iplitera l manualro ute querypro gram redirect \nTransp orts: appendfi le/maild ir autorepl y pipe smtp\nSi ze of off_t: 8\n\n </pre>
status	<i>Boolean</i>	<p>Whether the function failed.</p> <p>The function returns this value in the <code>validate_exim_configuration_syntax</code> hash.</p>	<ul style="list-style-type: none"> • 1 — Success. • 0 — Failure. 	1

<p>error_ msg</p>	<p><i>string</i></p>	<p>Any error messages that the validation script encountered.</p> <p>The function returns this value in the validate_exim_configuration_syntax hash.</p> <div data-bbox="734 436 868 913" style="border: 1px solid orange; padding: 5px;"> <p>Note : The function only returns this value if the configuration syntax is invalid.</p> </div>	<p>A valid string.</p>	<p> Click here to expand... "2016-06-09 09:58:21 Exim configuration error in line 1 of /etc/exim.conf.test.work.ND150Fm sspHJlHg 1:\n malformed macro definition" </p>
<p>error_ line</p>	<p><i>integer</i></p>	<p>The first line in the Exim configuration file that contains an error.</p> <p>The function returns this value in the validate_exim_configuration_syntax hash.</p> <div data-bbox="734 1249 868 1726" style="border: 1px solid orange; padding: 5px;"> <p>Note : The function only returns this value if the configuration syntax is invalid.</p> </div>	<p>A positive integer.</p>	<p>1</p>

<p><code>broken_cfg_html</code></p>	<p><i>string</i></p>	<p>The line that contains the broken configuration.</p> <p>The function returns this value in the <code>validate_exim_configuration_syntax</code> hash.</p> <div data-bbox="734 411 870 890" style="border: 1px solid orange; padding: 5px;"> <p>Note : The function only returns this value if the configuration syntax is invalid.</p> </div>	<p>A valid string in HTML format.</p>	<p>"CONFIGURATIONFILE\n"</p>
<p><code>broken_cfg_text</code></p>	<p><i>string</i></p>	<p>The line that contains the broken configuration.</p> <p>The function returns this value in the <code>validate_exim_configuration_syntax</code> hash.</p> <div data-bbox="734 1226 870 1705" style="border: 1px solid orange; padding: 5px;"> <p>Note : The function only returns this value if the configuration syntax is invalid.</p> </div>	<p>A valid string in plaintext format.</p>	<p>"==>CONFIGURATIONFILE<=&#13;"</p>