

# WHM API 1 Functions - setminimumpasswordstrengths

## Guide to WHM API 1

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## Description

This function sets the minimum password strength for user accounts.

## Examples

```
https://hostname.example.com:2087/cpsess#####/json-api/setminimumpasswordstrengths?api.version=1&passwd=50
```

```
https://hostname.example.com:2087/cpsess#####/xml-api/setminimumpasswordstrengths?api.version=1&passwd=50
```

```
whmapil setminimumpasswordstrengths passwd=50
```



### Notes:

- 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.
- We introduced this functionality in cPanel & WHM version 11.52.0.8.

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

```
<result>  <metadata>    <reason>OK</reason>    <result>1</result>    <version>1</version>    <command>setminimumpasswordstrengths</command>  </metadata></result>
```



### Note:

Use WHM's [API Shell](#) interface (`WHM >> Home >> Development >> API Shell`) to directly test WHM API calls.

## Parameters

## Function information

### API

#### Version:

n:

[WHM API 1](#)

#### Available in:

WHM 11+

#### Methods:

GET, POST

#### Required

#### Parameters:

(none)

#### Return Format

s:

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:

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\_list\_pending

restore\_queue\_state

restoreaccount

verify\_new\_username\_for\_restore

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

**Note:**  
If you do not specify a value, the system will retain the existing setting.

Parameter	Type	Description	Possible values	Example
default	integer	The minimum password strength for all services.	A positive integer from 1 to 100 that measures the relative strength of the password.	50
bandmin	integer	The minimum password strength for Bandmin.  <b>Note:</b> We removed this parameter in cPanel & WHM version 58.	A positive integer from 1 to 100 that measures the relative strength of the password.	50
cpaddons	integer	The minimum password strength for cpAddons.	A positive integer from 1 to 100 that measures the relative strength of the password.	50
createacct	integer	The minimum password strength for new cPanel accounts.	A positive integer from 1 to 100 that measures the relative strength of the password.	50
ftp	integer	The minimum password strength for FTP accounts.  <b>Note:</b> We removed this parameter in cPanel & WHM version 54.	A positive integer from 1 to 100 that measures the relative strength of the password.	50
list	integer	The minimum password strength for mailing lists.	A positive integer from 1 to 100 that measures the relative strength of the password.	50
mysql	integer	The minimum password strength for MySQL® database users.	A positive integer from 1 to 100 that measures the relative strength of the password.	50
passwd	integer	The minimum password strength for cPanel (system) accounts.	A positive integer from 1 to 100 that measures the relative strength of the password.	50
pop	integer	The minimum password strength for mail accounts.  <b>Note:</b> We removed this parameter in cPanel & WHM version 54.	A positive integer from 1 to 100 that measures the relative strength of the password.	50
postgres	integer	The minimum password strength for PostgreSQL database users.	A positive integer from 1 to 100 that measures the relative strength of the password.	50

• Some functions and parameters may require that the caller authenticate as the router.

[api\\_token\\_create](#)  
[api\\_token\\_list](#)  
[api\\_token\\_revoke](#)  
[api\\_token\\_update](#)  
[disable\\_authentication\\_provider](#)  
[disable\\_failing\\_authentication\\_providers](#)  
[enable\\_authentication\\_provider](#)  
[link\\_user\\_authn\\_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](#)  
[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](#)

sshkey	<i>integer</i>	The minimum password strength for SSH keys.	A positive integer from 1 to 100 that measures the relative strength of the password.	50
webdisk	<i>integer</i>	The minimum password strength for Web Disk (WebDAV) accounts.  <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;">  <b>Note:</b> We removed this parameter in cPanel &amp; WHM version 54. </div>	A positive integer from 1 to 100 that measures the relative strength of the password.	50
virtual	<i>integer</i>	The minimum password strength for mail, FTP, Web Disk, and WebDAV accounts.  <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;">  <b>Note:</b> We added this parameter in cPanel &amp; WHM version 54. </div>	A positive integer from 1 to 100 that measures the relative strength of the password.	50

## Returns

This function only returns metadata.

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

Find a function

Related functions

twofactorauth  
\_remove\_use  
r\_config

twofactorauth  
\_set\_issuer

twofactorauth  
\_set\_tfa\_conf  
ig

unlink\_user\_  
authn\_provid  
er

validate\_logi  
n\_token

backup\_conf  
g\_get

backup\_conf  
g\_set

backup\_date  
\_list

backup\_desti  
nation\_add

backup\_desti  
nation\_delete

backup\_desti  
nation\_get

backup\_desti  
nation\_list

backup\_desti  
nation\_set

backup\_desti  
nation\_valida  
te

backup\_set\_l  
ist

backup\_skip  
\_users\_all

backup\_skip  
\_users\_all\_st  
atus

backup\_user  
\_list

convert\_and\_  
migrate\_from  
\_legacy\_conf  
ig

list\_cparchive  
\_files

start\_backgro  
und\_pkgacct

toggle\_user\_  
backup\_state

cphulk\_status

create\_cphul  
k\_record

delete\_cphul  
k\_record

- [WHM API 1 Functions - get\\_mailbox\\_status\\_list](#) — This function lists the status of a cPanel's mail account's mailboxes.
- [WHM API 1 Sections - Server Administration](#) — Server administration functions allow you to manage your server's services and functions.
- [WHM API 1 Functions - configurebackgroundprocesskiller](#) — This function configures the server's background process killer.
- [WHM API 1 Functions - get\\_all\\_contact\\_importances](#) — This function lists the importance of all application events in WHM's *Contact Manager* interface (*Home >> Server Contacts >> Contact Manager*).
- [WHM API 1 Functions - get\\_appconfig\\_application\\_list](#) — This function lists registered *AppConfig* applications.

disable\_cphulk

enable\_cphulk

flush\_cphulk\_login\_history

flush\_cphulk\_login\_history\_for\_ips

get\_cphulk\_brutes

get\_cphulk\_excessive\_brutes

get\_cphulk\_failed\_logins

load\_cphulk\_config

read\_cphulk\_records

save\_cphulk\_config

background\_mysql\_upgrade\_status

current\_mysql\_version

installable\_mysql\_versions

latest\_available\_mysql\_version

list\_database\_users

list\_databases

list\_mysql\_databases\_and\_users

remote\_mysql\_create\_profile

remote\_mysql\_create\_profile\_via\_ssh

remote\_mysql\_delete\_profile

remote\_mysql\_initiate\_profile\_activation

remote\_mysql\_monitor\_profile\_activation

remote\_mysql\_read\_profile

remote\_mysql  
l\_read\_profiles

remote\_mysql  
l\_update\_profile

remote\_mysql  
l\_validate\_profile

rename\_mysql  
ql\_database

rename\_mysql  
ql\_user

rename\_postgresql  
database

rename\_postgresql  
user

set\_local\_mysql  
root\_password

set\_mysql\_password

set\_postgresql  
password

start\_background\_mysql  
upgrade

adddns

addzonerecord

addzonerecord (Reverse  
DNS)

dumpzone

editzonerecord

get\_nameserver\_config

getzonerecord

killdns

listmxs

listzones

lookupnsip

lookupnsips

removezonerecord

resetzone

resolvedomainname

savemxs

setresolvers

ea4\_get\_currently\_installed\_packages

ea4\_get\_ea\_pkgs\_state

ea4\_list\_profiles

ea4\_pre\_migrate\_check

ea4\_recommendations

ea4\_save\_profile

cpgreylist\_is\_server\_netblock\_trusted

cpgreylist\_list\_entries\_for\_common\_mail\_provider

cpgreylist\_load\_common\_mail\_providers\_config

cpgreylist\_save\_common\_mail\_providers\_config

cpgreylist\_status

cpgreylist\_trusted\_entries\_for\_common\_mail\_provider

cpgreylist\_untrust\_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\_hosts

save\_cpgreylist\_config

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  
addips  
delip  
get\_public\_ip  
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\_public\_ip  
setsiteip  
disable\_mail\_sni  
emailtrack\_search  
emailtrack\_stats  
emailtrack\_user\_stats



enable\_mail\_  
sni

exim\_configu  
ration\_check

expunge\_mai  
lbox\_messag  
es

expunge\_me  
ssages\_for\_  
mailbox\_guid

fetch\_mail\_q  
ueue

generate\_mo  
bileconfig

get\_mailbox\_  
status

get\_mailbox\_  
status\_list

get\_user\_em  
ail\_forward\_d  
estination

hold\_outgoin  
g\_email

is\_sni\_suppo  
rted

list\_pops\_for

mail\_sni\_stat  
us

rebuild\_mail\_  
sni\_config

release\_outg  
oing\_email

save\_spamd\_  
\_config

set\_user\_em  
ail\_forward\_d  
estination

suspend\_out  
going\_email

unsuspend\_o  
utgoing\_email

validate\_curr  
ent\_installed  
\_exim\_config

validate\_exi  
m\_configurati  
on\_syntax

disable\_mark  
et\_provider

enable\_mark  
et\_provider

get\_adjusted  
\_market\_pro  
viders\_produ  
cts

get\_market\_  
providers\_co  
mmission\_co  
nfig

get\_market\_  
providers\_list

get\_market\_  
providers\_pr  
oduct\_metad  
ata

get\_market\_  
providers\_pr  
oducts

set\_market\_p  
roduct\_attri  
bute

set\_market\_p  
rovider\_com  
mission\_id

modsec\_add  
\_rule

modsec\_add  
\_vendor

modsec\_batc  
h\_settings

modsec\_clon  
e\_rule

modsec\_depl  
oy\_all\_rule\_c  
hanges

modsec\_depl  
oy\_rule\_chan  
ges

modsec\_depl  
oy\_settings\_  
changes

modsec\_disc  
ard\_rule\_cha  
nges

modsec\_disa  
ble\_rule

modsec\_disa  
ble\_vendor

modsec\_disa  
ble\_vendor\_c  
onfigs

modsec\_disa  
ble\_vendor\_u  
pdates

modsec\_disc  
ard\_all\_rule\_  
changes

modsec\_edit  
\_rule

modsec\_ena  
ble\_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\_undisable\_rule

modsec\_update\_vendor

\_getpkgextensionform

add\_override\_features\_for\_user

addpkg

addpkgext

changepackage  
create\_featurelist  
delete\_featurelist  
delpkgext  
editpkg  
get\_available\_featurelists  
get\_feature\_metadata  
get\_feature\_names  
get\_featurelist\_data  
get\_users\_features\_settings  
getfeaturelist  
getpkginfo  
killpkg  
listpkgs  
manage\_features  
matchpkgs  
package\_manager\_fixcache  
package\_manager\_get\_package\_info  
package\_manager\_resolve\_actions  
read\_featurelist  
remove\_override\_features\_for\_user  
update\_featurelist  
verify\_user\_has\_feature  
php\_get\_handlers  
php\_get\_affected\_domains  
php\_get\_installed\_versions  
php\_get\_system\_default\_version

php\_get\_vho  
sts\_by\_versi  
on

php\_get\_vho  
st\_versions

php\_ini\_get\_  
content

php\_ini\_get\_  
directives

php\_ini\_set\_  
content

php\_ini\_set\_  
directives

php\_set\_han  
dler

php\_set\_syst  
em\_default\_v  
ersion

php\_set\_vho  
st\_versions

php\_set\_old\_  
fpm\_flag

php\_get\_old\_  
fpm\_flag

get\_fpm\_cou  
nt\_and\_utiliz  
ation

php\_get\_def  
ault\_account  
s\_to\_fpm

php\_set\_defa  
ult\_accounts  
\_to\_fpm

convert\_all\_d  
omains\_to\_fpm

get\_public\_c  
ontact

set\_public\_c  
ontact

acctcounts

getresellerips

listacIs

listresellers

resellerstats

saveacllist

setacIs

setresellerips

setresellerlim  
its

setresellerma  
inip

setresellerna  
meservers

setresellerpa  
ckagelimit

setupreseller

suspendresel  
ler

terminateres  
eller

unsetupresell  
er

unsuspendre  
seller

delete\_hook

edit\_hook

list\_hooks

reorder\_hooks

accessshash

authorizessh  
key

check\_remot  
e\_ssh\_conne  
ction

convertopens  
shtoputty

deletesshkey

generatesshk  
eypair

importsshkey

listsshkeys

add\_configcl  
usterserver

configurebac  
kgroundproc  
esskiller

configureserv  
ice

cors\_proxy\_g  
et

create\_user\_  
session

delete\_config  
clusterserver

delete\_rpm\_v  
ersion

edit\_rpm\_ver  
sion

enable\_monit  
or\_all\_enable  
d\_services

get\_appconfi  
g\_application  
\_list

get\_applicati  
on\_contact\_e  
vent\_importa  
nce

get\_applicati  
on\_contact\_i  
mportance

get\_all\_conta  
ct\_importanc  
es

get\_passwor  
d\_strength

get\_remote\_  
access\_hash

get\_rpm\_ver  
sion\_data

get\_service\_  
config

get\_service\_  
config\_key

get\_update\_  
availability

get\_tweakset  
ting

get\_users\_lin  
ks

getdiskusage

gethostname

install\_rpm\_p  
lugin

list\_configclu  
sterservers

list\_rpms

loadavg

nvget

nvset

purchase\_a\_l  
icense

reboot

remove\_in\_p  
rogress\_exim  
\_config\_edit

restartservice

run\_cpkeyclt

send\_test\_po  
sturl

send\_test\_pu  
shbullet\_note

servicestatus

set\_applicati  
on\_contact\_e  
vent\_importa  
nce

set\_applicati  
on\_contact\_i  
mportance

set\_primary\_  
servername

set\_service\_  
config\_key

set\_tweakset  
ting

sethostname

setminimump  
asswordstren  
gths

systemloada  
vg

system\_need  
s\_reboot

uninstall\_rpm  
\_plugin

update\_confi  
gclusterserver

verify\_aim\_a  
ccess

verify\_icq\_ac  
cess

verify\_oscar\_  
access

verify\_posturl  
\_access

verify\_pushb  
ullet\_access

disable\_auto  
ssl

fetch\_service  
\_ssl\_compon  
ents

fetch\_ssl\_cer  
tificates\_for\_f  
qdns

fetch\_ssl\_vh  
osts

fetch\_vhost\_  
ssl\_compone  
nts

fetchcrtinfo

fetchsslinfo

generatessl

get\_autossl\_  
check\_sched  
ule



get\_autossl\_log

get\_autossl\_logs\_catalog

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

rebuilduserssldb

reset\_autossl\_provider

reset\_service\_ssl\_certificate

set\_autossl\_metadata

set\_autossl\_provider

start\_autossl\_check\_for\_all\_users

start\_autossl\_check\_for\_one\_user

list\_styles

load\_style

remove\_logo

remove\_style

save\_style

set\_default

ticket\_create  
\_stub\_ticket

ticket\_get\_s  
upport\_agree  
ment

ticket\_grant

ticket\_list

ticket\_remov  
e\_closed

ticket\_revoke

ticket\_ssh\_te  
st

ticket\_ssh\_te  
st\_start

ticket\_update  
\_service\_agr  
eement\_appr  
oval

ticket\_validat  
e\_oauth2\_co  
de

ticket\_whiteli  
st\_check

ticket\_whiteli  
st\_setup

ticket\_whiteli  
st\_unsetup

abort\_transfe  
r\_session

analyze\_tran  
sfer\_session  
\_remote

available\_tra  
nsfer\_modules

create\_remot  
e\_root\_transf  
er\_session

create\_remot  
e\_user\_trans  
fer\_session

enqueue\_tra  
nsfer\_item

fetch\_transfe  
r\_session\_log

get\_transfer\_  
session\_state

pause\_transf  
er\_session

remote\_basic  
\_credential\_c  
heck

retrieve\_tran  
sfer\_session  
\_remote\_ana  
lysis

start\_transfer  
\_session

transfer\_mod  
ule\_schema

validate\_syst  
em\_user

get\_available  
\_tiers

get\_current\_l  
ts\_expiration  
\_status

get\_lts\_wexpi  
re

getlongterms  
upport

installed\_ver  
sions

set\_cpanel\_u  
pdates

set\_tier

update\_upda  
teconf

version