

WHM API 1 Functions - expunge_mailbox_messages

Guide to WHM API 1

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[accountsummary](#)

Description

This function removes mail messages from a cPanel account that you select with a query.



Important:

In cPanel & WHM version 76 and later, when you disable the `MailReceive` role, the system **disables** this function. For more information, read our [How to Use Server Profiles](#) documentation.

Examples

Function information

API

Version:

[WHM API 1](#)

Available in:

WHM 58+

Methods:

GET, POST

Required Parameters:

`account`, `mailbox`, `query`

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_current_users_count](#)
[get_disk_usage](#)
[get_domain_info](#)
[getdomainowner](#)
[get_maximum_users](#)
[getminimumpasswordstrengths](#)
[has_digest_auth](#)
[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](#)

```
https://hostname.example.com:2087/cpsess#####/json-api/expunge_mailbox_messages?api.version=1&account=example&mailbox=INBOX&query=savedbefore%2052w
```

```
https://hostname.example.com:2087/cpsess#####/xml-api/expunge_mailbox_messages?api.version=1&account=example&mailbox=INBOX&query=savedbefore%2052w
```

```
whmapil expunge_mailbox_messages account=example mailbox=INBOX query="savedbefore%2052w"
```



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
```

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

```
<result>
  </data>
  <metadata>
    <reason>OK</reason>
    <version>1</version>
    <result>1</result>
    <command>expunge_mailbox_messages</command>
  </metadata>
</result>
```



Note:

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

• Some functions and parameters may require that you authenticate as the user.

[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_configurations](#)

[get_users_authn_linked_accounts](#)



[link_user_authn_provider](#)

[set_provider_client_configurations](#)

[set_provider_display_configurations](#)

[twofactorauth_disable_policy](#)

Parameters

Parameter	Type	Description	Possible values	Example
account	<i>string</i>	Required The email account's name.	<ul style="list-style-type: none">A valid email account that exists on the server.The cPanel user's account name. <div style="border: 1px solid #f0e68c; padding: 5px;"><p> Note: _mainaccount is an alias that represents the cPanel user's mailbox (For example, _mainaccount@example.com represents the example mailbox).</p></div>	user@example.com example _mainaccount@example.com
mailbox	<i>string</i>	Required The mailbox's name.	A valid mailbox name on the account. <div style="border: 1px solid #f0e68c; padding: 5px;"><p> Note: Because you cannot escape wildcard characters such as (*), we recommend that you use functions that use the mailbox_guid parameter instead. For example, the WHM API 1 expunge_messages_for_mailbox_guid function.</p></div>	INBOX
query	<i>string</i>	Required The query to select which messages you wish to remove from the mailbox.	A valid Dovecot® search query For more information, read Dovecot's Search Query documentation.	savedbefore 52w

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
_enable_policy

twofactorauth
_generate_tfa_config

twofactorauth
_get_issuer

twofactorauth
_get_user_config

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

- [WHM API 1 Sections - Mail](#) — Mail functions manage your server's mail configurations.
- [WHM API 1 Functions - list_pops_for](#) — This function lists a cPanel account's email accounts.
- [WHM API 1 Functions - get_user_email_forward_destination](#) — This function retrieves the destination to which the system forwards a system account's email.
- [WHM API 1 Functions - set_user_email_forward_destination](#) — This function sets the destination to which the system forwards a system account's email.
- [WHM API 1 Functions - generate_mobile_config](#) — This function generates a mobile configuration profile for an email account.

backup_skip
_users_all_status

backup_user
_list

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_m
ysql_versions

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list_database
_users

list_databases

list_mysql_da
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_users

remote_mysq
l_create_profi
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remote_mysq
l_create_profi
le_via_ssh

remote_mysq
l_delete_profi
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remote_mysq
l_initiate_prof
ile_activation

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remote_mysq
l_read_profile

remote_mysq
l_read_profiles

remote_mysq
l_update_pro
file

remote_mysq
l_validate_pr
ofile

rename_mys
ql_database

rename_mys
ql_user

rename_post
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rename_post
gresql_user

set_local_my
sql_root_pas
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set_mysql_p
assword

set_postgres
ql_password

start_backgro
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pgrade

adddns

addzonerecord
addzonerecord (Reverse DNS)
create_parked_domain_for_user
dumpzone
editzonerecord
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_netblo
ck_trusted

cpgreylist_list
_entries_for_
common_mai
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cpgreylist_lo
ad_common_
mail_provide
r_s_config

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mail_provide
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addips

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get_public_ip

get_shared_ip

ipv6_disable
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ipv6_enable_
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nat_set_publi
c_ip

setsiteip

disable_dkim

disable_mail
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emailtrack_u
ser_stats

enable_dkim

enable_mail_
sni

ensure_dkim
_keys_exist

exim_configu
ration_check

expunge_mai
lbox_messag
es

expunge_me
ssages_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_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

get_market_providers_list

get_market_providers_product_metadata

get_market_providers_products

set_market_product_attribute

set_market_provider_commission_id

modsec_add_rule

modsec_add_vendor

modsec_assemble_config_text

modsec_batch_settings

modsec_check_rule

modsec_clone_rule

modsec_deploy_all_rule_changes

modsec_deploy_rule_changes

modsec_deploy_settings_changes

modsec_disable_rule

modsec_disable_vendor

modsec_disable_vendor_configs

modsec_disable_vendor_updates

modsec_discard_all_rule_changes

modsec_discard_rule_changes

modsec_edit_rule

modsec_enable_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_
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get_available
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getfeaturelist

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killpkg

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get_rpm_ver
sion_data
install_rpm_p
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list_rpms
package_ma
nager_fixcac
he
package_ma
nager_get_b
uild_log
package_ma
nager_get_p
ackage_info
package_ma
nager_is_per
forming_actio
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nager_list_pa
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nager_resolv
e_actions

package_m
anager_submit
_actions

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_plugin

delete_hook

edit_hook

list_hooks

reorder_hooks

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importsshkey

listsshkeys

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delete_config
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get_available
_profiles

get_current_
profile

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d_strength

get_remote_
access_hash

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send_test_po
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set_primary_
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config_key

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start_profile_
activation

system_need
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update_conf
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update_conta
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verify_aim_a
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verify_oscar_
access

verify_posturl
_access

verify_pushb
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delete_ssl_v
host

disable_auto
ssl

fetch_service
_ssl_compon
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fetch_ssl_cer
tificates_for_f
qdns

fetch_ssl_vh
osts

fetch_vhost_
ssl_compone
nts

fetchcrtinfo

fetchsslinfo

generatessl

get_autossl_
check_sched
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get_autossl_
log

get_autossl_
logs_catalog

get_autossl_
metadata

get_autossl_
pending_que
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get_autossl_
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ue_for_doma
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pending_que
ue_for_user

get_autossl_
problems_for
_domain

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get_autossl_
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get_best_ssl
domain_for_s
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install_servic
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listcrts

rebuildinstall
edssldb

rebuilduserss
ldb

reset_autossl_
_provider

reset_service_
_ssl_certificate

set_autossl_
metadata

set_autossl_
metadata_key

set_autossl_
provider

start_autossl_
_check_for_a
ll_users

start_autossl_
_check_for_o
ne_user

generate_cp
anel_plugin

list_styles

load_style

remove_logo

remove_style

save_style

set_default

ticket_create_
_stub_ticket

ticket_get_su
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ticket_get_su
pport_info

ticket_grant

ticket_list

ticket_remov
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ticket_revoke

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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_transfer_session_remote
available_transfer_modules
create_remote_root_transfer_session
create_remote_user_transfer_session
delete_account_archives
enqueue_transfer_item
fetch_transfer_session_log
get_transfer_session_state
pause_transfer_session
remote_basic_credential_check
retrieve_transfer_session_remote_analysis
start_transfer_session
transfer_module_schema
validate_system_user
accept_eula
get_available_tiers
get_current_lts_expiration_status
get_lts_wexpire
getlongtermsupport
installed_versions
set_cpanel_updates
set_tier
update_updateconf
version