

WHM API 1 Functions - emailtrack_search

Guide to WHM API 1

- Return Data
- Filter Output
- Sort Output
- Paginate Output
- Output Columns
- Call cPanel API 2 and UAPI

- Account Restoration
- 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

Description

This function retrieves email delivery records.

Important:

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

Examples

JSON API

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

XML API

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

Command Line

```
whmapil emailtrack_search
```

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

About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

Notes:

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- or
- 20
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ue_list_pending

restore_queue_state

restoreaccount

verify_new_username_or_restore

▼ Accounts

accountsummary

applist

createacct

domainuserdata

editquota

forcepasswordchange

get_disk_usage

get_domain_info

getdomainowner

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

▼ Output (JSON)

```
{
  "data": {
    "records": [
      {
        "transport": null,
        "senderauth": "localuser",
        "recipient": "yoegt@ymail.com",
        "msgid": "1RuV0Z-0005NR-BN",
        "ip": null,
        "senderip": "127.0.0.1",
        "actionunixtime": "1328559471",
        "domain": "example.com",
        "size": "1653",
        "type": "failure",
        "actiontime": "2012-02-06 14:17:51",
        "transport_is_remote": "0",
        "message": "Domain example.com has exceeded the max defers and failures per hour (5/5 (100%)) allowed. Message discarded.",
        "host": null,
        "sendunixtime": "1328559471",
        "user": "cpanell",
```

Find a function

- WHM API 1 Functions - list_ops_for - This function lists a cPanel account's email accounts.

_id
 verify_new_username
 Addon Domains
 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
 Authentication
 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_co

```

"senderhost": "localhost",
"router": "enforce_mail_permissions",
"deliverydomain": "",
"deliveryuser": "",
"spamscore": null,
"sender": "cpanel1@publicdocs.cpanel.net",
"deliveredto": null
    }
  ],
  "metadata": {
    "result": 1,
    "reason": "OK",
    "version": 1,
"command": "emailtrack
  
```

- WHM API 1 Functions - get_user_email_forward_destination
 — This function retrieves the destination to which the system forwards a system account's email.

```

nfigurations
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
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

```

▼ Backups

```

backup_config_get
backup_config_set
backup_date_list
backup_destination_add
backup_destination_delete

```

```

_search"
  }
}

```

▼ Output (XML)

```

<result>
  <data>
    <records>
      <transport/>

      <senderauth>localuser
</senderauth>

      <recipient>yoegt@ymai
1.com</recipient>

      <msgid>1RuV0Z-0005NR-
BN</msgid>
        <ip/>

      <senderip>127.0.0.1</
senderip>

      <actionunixtime>13285
59471</actionunixtime
>

      <domain>example.com</
domain>

      <size>1653</size>

      <type>failure</type>

      <actiontime>2012-02-0
6
14:17:51</actiontime>

      <transport_is_remote>
0</transport_is_remot
e>

      <message>Domain
example.com has
exceeded the max
defers and failures
per hour (5/5
(100%)) allowed.
Message
discarded.</message>

```

- 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_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
backup_skip_users_all_status
backup_user_list
convert_and_migrate_from_legacy_config
get_users_with_backup_metadata
list_cparchive_files
start_background_package
toggle_user_backup_state

▼ cPHulk

cphulk_status
create_cphulk_record
delete_cphulk_record
disable_cphulk
enable_cphulk
flush_cphulk_login_history

```
<host/>  
  
<sendunixtime>1328559471</sendunixtime>  
  
<user>cpanell</user>  
  
<senderhost>localhost</senderhost>  
  
<router>enforce_mail_permissions</router>  
  
<deliverydomain/>  
  
<deliveryuser/>  
  <spamscore/>  
  
<sender>cpanell@publicdocs.cpanel.net</sender>  
  
<deliveredto/>  
  </records>  
</data>  
<metadata>  
  
<result>1</result>  
  
<reason>OK</reason>  
  
<version>1</version>  
  
<command>emailtrack_s
```

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

▼ Databases

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

```
search</command>
</metadata>
</result>
```

Note:

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

Parameters

Parameter	Type	Description	Possible values	Example
nosize	<i>Boolean</i>	Whether to return successful delivery attempts. This parameter defaults to 0.	<ul style="list-style-type: none">• 1 — Return successful delivery attempts.• 0 — Do not return successful delivery attempts.	0
defer	<i>Boolean</i>	Whether to return delivery deferral events. This parameter defaults to 0.	<ul style="list-style-type: none">• 1 — Return delivery deferral events.• 0 — Do not return delivery deferral events.	0
failure	<i>Boolean</i>	Whether to return delivery failure events. This parameter defaults to 0.	<ul style="list-style-type: none">• 1 — Return delivery failure events.• 0 — Do not return delivery failure events.	0
inprogress	<i>Boolean</i>	Whether to return delivery attempts in progress. This parameter defaults to 0.	<ul style="list-style-type: none">• 1 — Return delivery attempts in progress.• 0 — Do not return delivery attempts in progress.	0

ion

remote_mysql_monitor_profile_activation

remote_mysql_read_profile

remote_mysql_read_profiles

remote_mysql_update_profile

remote_mysql_validate_profile

rename_mysql_database

rename_mysql_user

rename_postgresql_database

rename_postgresql_user

set_local_mysql_root_password

deliverytype	string	The type of delivery records to retrieve. This parameter defaults to all.	<ul style="list-style-type: none"> all — Retrieve all delivery records. remote — Retrieve remote delivery records. local — Retrieve local delivery records. 	all
max_results_by_type	integer	The number of results to return for each type. This parameter defaults to 0.	<p>A valid positive integer.</p> <div style="border: 1px solid orange; padding: 5px; margin: 5px 0;"> <p>Note : If you set this parameter to 0, the function returns unlimited results.</p> </div>	3

set_mysql_password

set_postgresql_password

start_background_mysql_upgrade

Returns

Return	Type	Description	Possible values	Example
records	array of hashes	An array of hashes of the delivery record.	Each hash includes the transport, senderauth, recipient, msdig, ip, senderip, actionunixtime, domain, size, type, actiontime, transport_is_remote, message, host, sendunixtime, user, senderhost, router, deliverydomain, deliveryuser, spamscore, sender, and delivered to returns.	

▼ DNS

adddns

addzonerecord

addzonerecord (Reverse DNS)

dumpzone

editzonerecord

get_nameserver_config

getzonerecord

has_local_authority

killdns
listmxs
listzones
lookupnsip
lookupnsips
removezone
record
resetzone
resolvedomainname
savemxs
setresolvers
update_nameservers_config

▼ EasyApache

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

▼ Greylisting

cpgreylist_server_network_block_trusted
cpgreylist_list_entries_for_common_mail_provider
cpgreylist_load_common_mail_provider

transport	string	The mail transfer agent (MTA). The function returns this value in the records array.	A valid string.	null
sender_auth	string	The user authentication. The function returns this value in the records array.	A valid string.	localuser
recipient	string	The recipient's mail address. The function returns this value in the records array.	A valid email address.	yoegt@ymail.com
msgid	string	The message ID. The function returns this value in the records array.	A valid string.	1RuV0Z-0005NR-BN
ip	string	The recipient's IP address. The function returns this value in the records array.	A valid IP address.	null
sender_ip	string	The sender's IP address. The function returns this value in the records array.	A valid IP address.	127.0.0.1
action_unixtime	string	When the delivery attempt happened. The function returns this value in the records array.	A valid date in Unix time format.	1328559471
domain	string	The sender's domain. The function returns this value in the records array.	A valid domain name.	example.com
size	string	The message's size. The function returns this value in the records array.	A valid positive integer that measures the message size in bytes.	1653
type	string	The delivery status. The function returns this value in the records array.	<ul style="list-style-type: none"> • success • defer • failure • inprogress 	success

ers_config
 cpgreylist_s
 ave_commo
 n_mail_prov
 iders_config

 cpgreylist_st
 atus

 cpgreylist_tr
 ust_entries_
 for_common
 _mail_provid
 er

 cpgreylist_u
 ntrust_entrie
 s_for_comm
 on_mail_pro
 vider

 create_cpgr
 eylist_truste
 d_host

 delete_cpgr
 eylist_truste
 d_host

 disable_cpgr
 eylist

 enable_cpgr
 eylist

 load_cpgreyl
 ist_config

 read_cpgrey
 list_deferred
 _entries

 read_cpgrey
 list_trusted_
 host

 save_cpgrey
 list_config

▼ Integration

batch

 cpanel

 create_integ
 ration_group

 create_integ
 ration_link

 get_integrati
 on_link_user
 _config

 list_integrati
 on_groups

 list_integrati
 on_links

 remove_integ
 ration_grou
 p

 remove_inte

action time	<i>string</i>	<p>When the delivery attempt happened.</p> <p>The function returns this value in the records array.</p>	<p>The date in YYYY-MM-DD HH-mm-SS human-readable format, where:</p> <ul style="list-style-type: none"> • YYYY represents the year. • MM represents the month. • DD represents the date. • HH represents the hour. • mm represents the minute. • SS represents the second. 	2012-02-06 14:17:51
transport_is _remote	<i>Boolean</i>	<p>Whether the mail transfer agent (MTA) is remote.</p> <p>The function returns this value in the records array.</p>	<ul style="list-style-type: none"> • 1 — Remote. • 0 — Not remote. 	0
message	<i>string</i>	<p>The action taken.</p> <p>The function returns this value in the records array.</p>	A valid string.	Domain example.com has exceeded the max defers and failures per hour (5/5 (100%)) allowed. Message discarded.
host	<i>string</i>	<p>The hostname that received the message.</p> <p>The function returns this value in the records array.</p>	A valid hostname.	null
sendunixtime	<i>integer</i>	<p>When the message was sent.</p> <p>The function returns this value in the records array.</p>	A valid date in Unix time format.	1328559471
user	<i>string</i>	<p>The sender's username.</p> <p>The function returns this value in the records array.</p>	A valid username.	cpanel1
sender host	<i>string</i>	<p>The sender's hostname.</p> <p>The function returns this value in the records array.</p>	A valid hostname.	localhost

gration_link
 update_inte
 gration_link
 _token

▼ IP Addresses

addips

delip

get_public_i
 p

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_pub
 lic_ip

setsiteip

▼ Mail

disable_dki
 m

disable_mail
 _sni

emailtrack_s
 earch

emailtrack_s
 tats

emailtrack_u
 ser_stats

enable_dkim

enable_mail
 _sni

ensure_dki
 m_keys_exi
 st

exim_config
 uration_che
 ck

expunge_m

router	string	The mail server's internal router name. The function returns this value in the records array.	A valid string.	enforce_mail_permissions
deliverydomain	string	The recipient's domain. The function returns this value in the records array.	A valid domain name.	null
deliveryuser	string	The recipient's username. The function returns this value in the records array.	A valid username.	null
spamscore	string	The message's spam score. The function returns this value in the records array.	A numeric value. Note : If the spam prevention engine uses a result range from 0 to 1, the system multiplies the result by 10.	5
sender	string	The sender's full email address. The function returns this value in the records array.	A valid email address.	user@example.com
deliveryredto	string	The delivery attempt's final end point. The function returns this value in the records array.	<ul style="list-style-type: none"> An absolute file path to a script that routes email. A valid email address. 	null

ailbox_messages
expunge_messages_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

Note:

validate_current_instal
led_exim_config
validate_current_dkims
validate_current_ptr
validate_current_spf
validate_exim_configu
ration_syntax

Market

disable_market_provi
der
enable_market_provi
der
get_adjusted_market_p
roviders_products
get_market_providers_c
ommission_config
get_market_providers_l
ist
get_market_providers_p
roduct_metadata
get_market_providers_p
roducts
set_market_product_at
tribute
set_market_provider_co
mmission_id

ModSecurity™

modsec_added_rule
modsec_added_vendor
modsec_assemble_con
fig_text
modsec_batch_settings
modsec_check_rule
modsec_clone_rule

If the message went to a mailing list, the address will be the mailing list member's address.

modsec_de
ploy_all_rule
_changes

modsec_de
ploy_rule_ch
anges

modsec_de
ploy_setting
s_changes

modsec_dis
able_rule

modsec_dis
able_vendor

modsec_dis
able_vendor
_configs

modsec_dis
able_vendor
_updates

modsec_dis
card_all_rul
e_changes

modsec_dis
card_rule_c
hanges

modsec_edit
_rule

modsec_en
able_vendor

modsec_en
able_vendor
_configs

modsec_en
able_vendor
_updates

modsec_get
_config_text

modsec_get
_configs

modsec_get
_configs_wit
h_changes_
pending

modsec_get
_log

modsec_get
_rules

modsec_get
_settings

modsec_get
_vendors

modsec_is_i
nstalled

modsec_ma
ke_config_a
ctive

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_disable_rule

modsec_update_vendor

▼ Packages

_getpkgextensionform

add_override_features_for_user

addpkg

addpkgext

changepackage

create_feature_relist

delete_feature_relist

delpkgext

editpkg

get_available_applications

get_available_featurelists

get_feature_metadata

get_feature_names

get_featurelist_data

get_featureli

sts

get_users_f
eatures_sett
ings

getfeaturelis
t

getpkginfo

killpkg

listpkgs

manage_fea
tures

matchpkgs

read_feature
list

remove_ove
rride_featu
res_for_user

update_feat
urelist

verify_user_
has_feature

▼ PHP

convert_all_
domains_to
_fpm

get_fpm_co
unt_and_util
ization

is_conversio
n_in_progre
ss

php_get_def
ault_accoun
ts_to_fpm

php_get_ha
ndlers

php_get_im
pacted_dom
ains

php_get_ins
talled_versio
ns

php_get_old
_fpm_flag

php_get_sys
tem_default
_version

php_get_vh
osts_by_ver
sion

php_get_vh
ost_versions

php_ini_get
_content

php_ini_get
_directives

php_ini_set
_content

php_ini_set
_directives

php_set_def
ault_accoun
ts_to_fpm

php_set_ha
ndler

php_set_old
_fpm_flag

php_set_ses
sion_save_p
ath

php_set_sys
tem_default
_version

php_set_vh
ost_versions

▼ Resellers

acctcounts

get_public_c
ontact

getresellerip
s

listacIs

listresellers

resellerstats

saveacllist

set_public_c
ontact

setacIs

setresellerip
s

setresellerli
mits

setresellerm
ainip

setresellern
ameservers

setresellerp
ackagelimit

setupreselle
r

suspendres
eller

terminateres
eller

unsetuprese

ller

unsuspendr
eseller

▼ RPM

delete_rpm_
version

edit_rpm_ve
rsion

get_rpm_ver
sion_data

install_rpm_
plugin

list_rpms

package_m
anager_fixc
ache

package_m
anager_get_
build_log

package_m
anager_get_
package_inf
o

package_m
anager_is_p
erforming_a
ctions

package_m
anager_list_
packages

package_m
anager_reso
lve_actions

package_m
anager_sub
mit_actions

package_m
anager_upgr
ade

uninstall_rp
m_plugin

▼ Script Hooks

delete_hook

edit_hook

list_hooks

reorder_hoo
ks

▼ Security

accesshash

authorizessh
key

check_remo
te_ssh_conn
ection

convertopen
sshtoputty

deletesshke
y

fetch_securi
ty_advice

generatessh
keypair

importsshke
y

listsshkeys

▼ Server

Administration

add_configcl
usterserver

configureba
ckgroundpro
cesskiller

configureser
vice

cors_proxy_
get

create_user
_session

delete_confi
gclusterserv
er

enable_mon
itor_all_ena
bled_service
s

get_all_cont
act_importa
nces

get_appconf
ig_applicatio
n_list

get_applicati
on_contact_
event_import
tance

get_applicati
on_contact_
importance

get_availabl
e_profiles

get_current_
profile

get_passwor
d_strength

get_remote_
access_has
h

get_service_
config

get_service_
config_key

get_tcp4_so
ckets

get_tcp6_so
ckets

get_tweakse
tting

get_udp4_s
ockets

get_udp6_s
ockets

get_update_
availability

get_users_li
nks

getdiskusag
e

gethostname

is_role_ena
bled

list_configcl
usterservers

loadavg

nvget

nvset

personalizati
on_get

personalizati
on_set

purchase_a
_license

reboot

remove_in_
progress_ex
im_config_e
dit

restartservic
e

restore_conf
ig_from_file

restore_conf
ig_from_upl
oad

run_cpkeyclt

send_test_p
osturl

send_test_p
ushbullet_n
ote

servicestatu

s

set_applicati
on_contact_
event_implemen
tation

set_applicati
on_contact_
importance

set_primary_
servername

set_service_
config_key

set_tweakse
tting

sethostname

setminimum
passwordstr
engths

start_profile_
activation

system_nee
ds_reboot

systemloada
vg

update_conf
igclusterserv
er

update_cont
act_email

verify_aim_a
ccess

verify_icq_a
ccess

verify_oscar_
access

verify_postu
rl_access

verify_pushb
ullet_access

▼ SSL

disable_aut
ossl

fetch_servic
e_ssl_comp
onents

fetch_ssl_ce
rtificates_for_
fqdns

fetch_ssl_vh
osts

fetch_vhost_
ssl_compo
nents

fetchcrtinfo
fetchsslinfo
generatessl
get_autossl
_check_schedule
get_autossl
_log
get_autossl
_logs_catalog
get_autossl
_metadata
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
rebuildusers
sldb
reset_autossl_provider
reset_service_ssl_certificate
set_autossl_metadata
set_autossl_metadata_key

set_autossl_
provider

start_autossl_
check_for_
all_users

start_autossl_
check_for_
one_user

▼ Styles and Themes

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▼ Support Tickets

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▼ Transfers

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▼ Updates

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