

WHM API 1 Functions - php_set_vhost_versions

Guide to WHM API 1

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Description

This function allows WHM's *MultiPHP Manager* interface (*Home >> Software >> MultiPHP Manager*) to change the values of a domain.



Warning:

We **strongly** recommend that you only activate Apache PHP-FPM if your server has at least 2 GB of RAM available, or at least 30 MB of RAM per domain. If you enable PHP-FPM on a server with less than the required RAM, your server may experience severe performance issues.



Important:

In cPanel & WHM version 76 and later, when you disable the `webServer` role, 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/php_set_vhost_versions?api.version=1&version=ea-php55&vhost-0=rm5.tld
```

```
https://hostname.example.com:2087/cpsess#####/xml-api/php_set_vhost_versions?api.version=1&version=ea-php55&vhost-0=rm5.tld
```

Function information

API Version: WHM API 1
Available in: WHM 60+
Methods: GET, POST
Required Parameters: vhost-0, version
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](#)
[domainuserid](#)
[ata](#)
[editquota](#)
[forcepasswordchange](#)
[get_disk_usage](#)
[get_domain_info](#)
[getdomainowner](#)
[has_digest_auth](#)
[has_my.cnf_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](#)

Set a version for a vhost

```
whmapil php_set_vhost_versions version=ea-php55 vhost-0=rm5.tld
```

Set the PHP-FPM parameters

```
whmapil php_set_vhost_versions vhost-0=rm5.tld
php_fpm_pool_params='{ "pm_max_children":15, "
pm_process_idle_timeout":100, "pm_max_requests":200}'
php_fpm=1 version=ea-php56
```



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",
    "result": 1,
    "command": "php_set_vhost_versions",
    "version": 1
  },
  "data": {
  }
}
```

```
<result>
  <metadata>
    <reason>OK</reason>
    <result>1</result>
    <command>php_set_vhost_versions</command>
    <version>1</version>
  </metadata>
  <data/>
</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_list_addondomains](#)
[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](#)
[twofactorauth_enable_policy](#)
[twofactorauth_generate_tfa_config](#)
[twofactorauth_get_issuer](#)

Parameters

Parameter	Type	Description	Possible values	Example
<code>php_fpm_pool_params</code>	<i>JSON</i>	A JSON string that encodes a hash of values. <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;">  Note: We introduced this parameter in cPanel & WHM version 60. </div>	A valid JSON string that contains the <code>pm_max_children</code> , <code>pm_process_idle_timeout</code> , and <code>pm_max_requests</code> parameters.	
<code>pm_max_children</code>	<i>integer</i>	The maximum number of child pages per pool. This parameter defaults to 5. <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;">  Note: You must supply this value in the <code>php_fpm_pool_params</code> hash. </div>	A valid child value.	5
<code>pm_process_idle_timeout</code>	<i>integer</i>	A specified time of idleness before the system kills an FPM child page. This parameter defaults to 10. <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;">  Note: You must supply this value in the <code>php_fpm_pool_params</code> hash. </div>	A valid timeout value.	10
<code>pm_max_requests</code>	<i>integer</i>	The maximum number of requests per pool. This parameter defaults to 20. <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;">  Note: You must supply this value in the <code>php_fpm_pool_params</code> hash. </div>	A valid request value.	20

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

Find a function

Related functions

[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](#)

[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](#)

[backup_skip_users_all_status](#)

[backup_user_list](#)

<code>php_fpm</code>	<i>Boolean</i>	Whether PHP-FPM is enabled. This parameter defaults to 0.	<ul style="list-style-type: none">1 — PHP-FPM enabled.0 — PHP-FPM not enabled.	1
<code>version</code>	<i>string</i>	Required The virtual host's PHP version.	<ul style="list-style-type: none">ea-php54ea-php55ea-php56ea-php70ea-php71ea-php72Any custom PHP package name.	ea-php70
<code>vhost-0</code>	<i>string</i>	Required The virtual host's name.	A valid hostname.	otherchars.rm3.tld

Returns

This function only returns metadata.

- [WHM API 1 Functions - domainuserdata](#) — This function retrieves domain data.
- [WHM API 1 Functions - editquota](#) — This function modifies a user's disk quota.
- [WHM API 1 Functions - forcepasswordchange](#) — This function forces a user to change the account password after the next login attempt.
- [WHM API 1 Functions - has_digest_auth](#) — This function checks whether Digest Authentication is enabled for a cPanel user.
- [WHM API 1 Functions - limitbw](#) — This function modifies a cPanel account's bandwidth quota.

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

list_database
_users

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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
ad_common_
mail_provider
s_config

cpgreylist_sa
ve_common_
mail_provider
s_config

cpgreylist_st
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get_shared_ip

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expunge_mai
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mailbox_guid

fetch_dkim_p
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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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_rule

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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

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convert_all_d
omains_to_fpm

get_fpm_count_and_utilization

is_conversion_in_progress

php_get_defaults_to_fpm

php_get_handlers

php_get_impacted_domains

php_get_installed_versions

php_get_old_fpm_flag

php_get_system_default_version

php_get_vhosts_by_version

php_get_vhost_versions

php_ini_get_content

php_ini_get_directives

php_ini_set_content

php_ini_set_directives

php_set_defaults_to_fpm

php_set_handler

php_set_old_fpm_flag

php_set_session_save_path

php_set_system_default_version

php_set_vhost_versions

acctcounts

get_public_contact

getresellerips

listaccls

listresellers

resellerstats
saveacllist
set_public_contact
setacis
setresellerips
setresellerlimits
setresellermainip
setresellernameservers
setresellerpackage_limit
setupreseller
suspendresellers
terminatereseller
unsetupreseller
unsuspendreseller
delete_rpm_version
edit_rpm_version
get_rpm_version_data
install_rpm_plugin
list_rpms
package_manager_fixcache
package_manager_get_build_log
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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uninstall_rpm
_plugin

delete_hook

edit_hook

list_hooks

reorder_hooks

accessshash

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check_remot
e_ssh_conne
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convertopens
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fetch_securit
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importsshkey

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add_configcl
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delete_config
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get_available_profiles
get_current_profile
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get_remote_access_hash
get_service_config
get_service_config_key
get_tcp4_sockets
get_tcp6_sockets
get_tweaksetting
get_udp4_sockets
get_udp6_sockets
get_update_availability
get_users_links
getdiskusage
gethostname
is_role_enabled
list_configclusterservers
loadavg
nvget
nvset
personalization_get
personalization_set
purchase_app_license
reboot
remove_in_progress_exim_config_edit
restartservice
restore_config_from_file
restore_config_from_upload

run_cpkeyctl
send_test_posturl
send_test_pushbullet_note
servicestatus
set_application_contact_event_importance
set_application_contact_importance
set_primary_servername
set_service_config_key
set_tweaksetting
sethostname
setminimumpasswordstrengths
start_profile_activation
system_needs_reboot
systemloadavg
update_config_clusterserver
update_contact_email
verify_aim_access
verify_icq_access
verify_oscar_access
verify_posturl_access
verify_pushbullet_access
disable_auto_ssl
fetch_service_ssl_components
fetch_ssl_certificates_forfqdns
fetch_ssl_hosts

fetch_vhost_
ssl_compone
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fetchcrtinfo

fetchsslinfo

generatessl

get_autossl_
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edssldb

rebuilduserss
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metadata_key

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_check_for_a
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ne_user

generate_cp
anel_plugin

list_styles

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remove_logo

remove_style

save_style

set_default

ticket_create
_stub_ticket

ticket_get_su
pport_agree
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ticket_get_su
pport_info

ticket_grant

ticket_list

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ticket_revoke

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_remote_ana
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start_transfer
_session

transfer_mod
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get_available
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set_cpanel_u
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version