

# Configuration Files

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Some configuration settings may only be changed by modifying files in your Blesta installation. These files can be found in the /config/ directory.



#### BE CAREFUL!

Modifying these settings could have disastrous effects. Only modify these settings if you know what you are doing.

## blesta.php

This file contains general configuration options which may be updated during upgrades.

### Database

| Setting              | Data Type | Description                      |
|----------------------|-----------|----------------------------------|
| Blesta.database_info | array     | Database connection information. |

### Pagination

| Setting                 | Data Type | Description                                                    |
|-------------------------|-----------|----------------------------------------------------------------|
| Blesta.results_per_page | integer   | Number of results to display per page.                         |
| Blesta.pagination       | array     | Set pagination settings.                                       |
| Blesta.pagination_ajax  | array     | Configurations to override on pagination to help enabled AJAX. |

### Cron

| Setting                          | Data Type | Description                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Blesta.cron_memory_limit         | string    | Sets the memory limit during cron execution, null will not override memory limit. Acceptable values are those allowed by init_set() for 'memory_limit' (e.g. "512M" = 512 MB).                                                                                                                                                                                |
| Blesta.cron_task_restart_limit   | integer   | The time period (in minutes) after which an unfinished cron task will be considered stalled and the cron task may be run again.                                                                                                                                                                                                                               |
| Blesta.cron_minimum_run_interval | integer   | The minimum time period (in minutes) after which a cron task may be re-run. <div> <b>Minimum run interval</b><br/>This should be set to no less than the smallest interval configured for automation tasks in Blesta. As of version 4.3.0, this is <b>5 minutes</b>.</div> |

### Session

| Setting            | Data Type | Description                                                  |
|--------------------|-----------|--------------------------------------------------------------|
| Blesta.session_ttl | integer   | Length of time (in seconds) that a session will be valid for |
| Blesta.cookie_ttl  | integer   | Length of time (in seconds) that a cookie will be valid for  |

### Misc

| Setting                       | Data Type | Description                                                    |
|-------------------------------|-----------|----------------------------------------------------------------|
| Blesta.calendar_time_interval | integer   | Number of minutes between intervals of the full calendar time. |
| Blesta.sticky_notes_to_show   | integer   | Number of sticky notes to show before viewing more.            |
| Blesta.sticky_notes_max       | integer   | Maximum number of sticky notes to show.                        |

|                                                |         |                                                                                                                                                                              |
|------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Blesta.<br>invoice_renewal_max_days            | integer | Maximum number of days to allow invoice days before renewal to be set.                                                                                                       |
| Blesta.<br>autodebit_before_due_max_days       | integer | Maximum number of days to allow auto debit days before due date to be set.                                                                                                   |
| Blesta.<br>suspend_services_after_due_max_days | integer | Maximum number of days to allow services to be unpaid and overdue before suspension.                                                                                         |
| Blesta.<br>payment_notices_max_days            | integer | Maximum number of days to allow payment notices/reminders to be set.                                                                                                         |
| Blesta.<br>cron_log_retention_days             | integer | Number of days in the past to retain cron logs.                                                                                                                              |
| Blesta.<br>auto_delete_accountaccess_logs      | boolean | Whether or not to delete account access logs according to the cron log retention policy.                                                                                     |
| Blesta.<br>auto_delete_client_setting_logs     | boolean | Whether or not to delete client setting logs according to the cron log retention policy.                                                                                     |
| Blesta.<br>auto_delete_contact_logs            | boolean | Whether or not to delete contact logs according to the cron log retention policy.                                                                                            |
| Blesta.<br>auto_delete_email_logs              | boolean | Whether or not to delete email logs according to the cron log retention policy.                                                                                              |
| Blesta.<br>auto_delete_gateway_logs            | boolean | Whether or not to delete gateway logs according to the cron log retention policy.                                                                                            |
| Blesta.<br>auto_delete_module_logs             | boolean | Whether or not to delete module logs according to the cron log retention policy.                                                                                             |
| Blesta.<br>auto_delete_service_logs            | boolean | Whether or not to delete service logs according to the cron log retention policy.                                                                                            |
| Blesta.<br>auto_delete_transaction_logs        | boolean | Whether or not to delete transaction logs according to the cron log retention policy.                                                                                        |
| Blesta.<br>auto_delete_user_logs               | boolean | Whether or not to delete user logs according to the cron log retention policy.                                                                                               |
| Blesta.<br>cache_length                        | string  | Length of time that a cached page will be served before being built again.                                                                                                   |
| Blesta.<br>reset_password_ttl                  | string  | Length of time that a reset password request will be valid for.                                                                                                              |
| Blesta.<br>gw_callback_url                     | string  | The URL that gateway callback requests should be directed to.                                                                                                                |
| Blesta.<br>marketplace_url                     | string  | The URL to the marketplace.                                                                                                                                                  |
| Blesta.<br>demo_mode                           | boolean | Enables/Disables demo mode. Demo mode disables certain features.                                                                                                             |
| Blesta.<br>default_password_reset_value        | boolean | Default password reset value. Set to true for improved security, false for more accurate error reporting.                                                                    |
| Blesta.<br>parser_options                      | array   | Sets parser options DO NOT MODIFY.                                                                                                                                           |
| Blesta.<br>replacement_keys                    | array   | Sets various tags used for ID code replacement values throughout the app DO NOT MODIFY.                                                                                      |
| Blesta.<br>id_code_sort_mode                   | array   | When attempting to sort by an "id_code" pseudo field, will instead sort by the given array of values in the given order. If null, will sort "id_code" as a string by itself. |
| Blesta.<br>transactions_validate_apply_round   | boolean | If true will round invoice due amounts to 2 decimal places when verifying payments can be applied                                                                            |

## Email

| Setting                                  | Data Type | Description                                                                                  |
|------------------------------------------|-----------|----------------------------------------------------------------------------------------------|
| Blesta.<br>email_messages_per_connection | integer   | The maximum number of messages to send before disconnecting/reconnecting to the mail server. |
| Blesta.<br>email_reconnect_sleep         | integer   | The number of seconds to wait before reconnecting to the mail server.                        |

## Encryption

| Setting                                                             | Data Type                                                      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |                     |                               |                                                                |                                           |                                                              |                                        |                                                          |                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|-------------------------------|----------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------|----------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------|
| Blesta.hash_work                                                    | integer                                                        | Work-factor for password hashing algorithms (between 4 and 31).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                     |                               |                                                                |                                           |                                                              |                                        |                                                          |                                                                     |                                                                |
| Blesta.max_failed_login_attempts                                    | integer                                                        | The maximum number of failed login attempts to permit from a given IP per hour.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                     |                               |                                                                |                                           |                                                              |                                        |                                                          |                                                                     |                                                                |
| Blesta.auth_legacy_passwords                                        | boolean                                                        | Set to true to enable support for legacy passwords (plain md5). Set to false for improved security.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |                     |                               |                                                                |                                           |                                                              |                                        |                                                          |                                                                     |                                                                |
| Blesta.verify_csrf_token                                            | boolean                                                        | Enable/disable automatic CSRF token verification.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |                     |                               |                                                                |                                           |                                                              |                                        |                                                          |                                                                     |                                                                |
| Blesta.csrf_bypass                                                  | array                                                          | <p>Bypasses automatic CSRF checking for a set of controllers and actions (eg. ['client_login::index']). CSRF checking is a security feature, BE SURE YOU KNOW WHAT YOU ARE DOING BEFORE SETTING THIS VALUE.</p> <p><b>Common Examples:</b></p> <table><tr><th>Location</th><th>Route Configuration</th></tr><tr><td>Client Login (~client/login/)</td><td>Configure::set("Blesta.csrf_bypass", ['client_login::index']);</td></tr><tr><td>Domain Whois (~order/config/preconfig...)</td><td>Configure::set("Blesta.csrf_bypass", ['config::preconfig']);</td></tr><tr><td>Registration (~order/signup/index/...)</td><td>Configure::set("Blesta.csrf_bypass", ['signup::index']);</td></tr><tr><td>Open Ticket (~client/plugin/support_manager/client_tickets/add/...)</td><td>Configure::set("Blesta.csrf_bypass", ['client_tickets::add']);</td></tr></table> <p>Separate exceptions with a comma. For example, if you wish to disable CSRF on the Client Login and Domain Whois pages, the route would look like this: Configure::set("Blesta.csrf_bypass", ['client_login::index', 'config::preconfig']);</p> | Location | Route Configuration | Client Login (~client/login/) | Configure::set("Blesta.csrf_bypass", ['client_login::index']); | Domain Whois (~order/config/preconfig...) | Configure::set("Blesta.csrf_bypass", ['config::preconfig']); | Registration (~order/signup/index/...) | Configure::set("Blesta.csrf_bypass", ['signup::index']); | Open Ticket (~client/plugin/support_manager/client_tickets/add/...) | Configure::set("Blesta.csrf_bypass", ['client_tickets::add']); |
| Location                                                            | Route Configuration                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                     |                               |                                                                |                                           |                                                              |                                        |                                                          |                                                                     |                                                                |
| Client Login (~client/login/)                                       | Configure::set("Blesta.csrf_bypass", ['client_login::index']); |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                     |                               |                                                                |                                           |                                                              |                                        |                                                          |                                                                     |                                                                |
| Domain Whois (~order/config/preconfig...)                           | Configure::set("Blesta.csrf_bypass", ['config::preconfig']);   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                     |                               |                                                                |                                           |                                                              |                                        |                                                          |                                                                     |                                                                |
| Registration (~order/signup/index/...)                              | Configure::set("Blesta.csrf_bypass", ['signup::index']);       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                     |                               |                                                                |                                           |                                                              |                                        |                                                          |                                                                     |                                                                |
| Open Ticket (~client/plugin/support_manager/client_tickets/add/...) | Configure::set("Blesta.csrf_bypass", ['client_tickets::add']); |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |                     |                               |                                                                |                                           |                                                              |                                        |                                                          |                                                                     |                                                                |
| Blesta.system_key                                                   | string                                                         | <p>The value used to generate the 256-bit AES key using HMAC SHA-256.</p> <div> NEVER MODIFY THIS VALUE OR ALL ENCRYPTED DATA WILL BE LOST!</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |                     |                               |                                                                |                                           |                                                              |                                        |                                                          |                                                                     |                                                                |

## i18.php

This file contains internationalization settings.

| Setting           | Data Type | Description                                 |
|-------------------|-----------|---------------------------------------------|
| i18.calling_codes | array     | Country to telephone dialing code mappings. |

## routes.php

All routes may be defined here. Routes have the following syntax:

| routes.php                           |
|--------------------------------------|
| Router::route("foo/bar", "bar/foo"); |

The above route maps the "foo" controller and "bar" method to the "bar" controller and "foo" method.

| Setting      | Data Type | Description                  |
|--------------|-----------|------------------------------|
| Route.admin  | string    | Admin panel directory name.  |
| Route.client | string    | Client panel directory name. |