

H3.0 INSTALLATION PROCESS

Installation process consists of the following steps:

- Server preparation and Pre-check
- File installation
- Database installation
- Access management
- Testing
- Setup of communication with other systems
- Regularly run processes
- System update

SERVER PREPARATION AND PRE-CHECK

Recommended server is C2D 2,3 GHz, 4-8 GB RAM, min. 60 GB HDD.

Operating system CentOS 6.5 (64bit), nginx, mySQL 5.1, PHP 5.3, ionCube in current version.

Recommended values:

max_input_vars has value 10000

if there is sohosin installed, so:

suhosin.post.max_vars has value 10000

suhosin.request.max_vars has value 10000

Please use checker you received from the H3.0 provider. You can also download it from

<http://www.h30.cz/checker/check.zip>

Unpack the checker in the directory where the tool files should be installed and run the check.php with your browser. All needed information will be displayed and you can see what to set up and what more to install.





FILE INSTALLATION

Please remember that all files provided to you will be encoded with IonCube. To run those files, you need to have IonCube encoder available.

Please place all files provided to you to the directory where system will run. There is one important condition - those files must be accessible at 1st or 2nd level domain (no sub-directories are allowed). This domain can be either external either internal. So for example:

<http://10.159.158.15/> - GOOD

<http://agency.h30tool.com> - GOOD

<http://10.159.158.15/h30tool/> - BAD

DATABASE INSTALLATION

Please use the installation .sql file and run it above the system database. Please make sure no errors happened during the installation of the database.

Go to the /admin/config/config.inc.php file in the system and backup this file. Then open this file and fill in information for host, username, password, database that will enable the tool to access the database:

```
$dbConfig = array(  
    'driver' => 'mysql',  
    'host'   => "",  
    'username' => "",  
    'password' => "",  
    'database' => "",  
    'charset' => 'utf8',  
    'profiler' => false,  
    'port' => 3306,  
);
```

Please make sure you:

- Fill in the correct information
- Upload the updated file with login information to the tool directory

ACCESS MANAGEMENT

The following directories must be set up the way system can write to them (chmod 777):

/admin/private/fs/modules

/admin/public/data

/public/data

/public/data/tmp - if this directory does not exist, please create it

/patch/

TESTING

Please open the tool domain in your browser and if everything looks perfect (you will see the login screen), than the tool is ready for run. Please remember, that before daily using, the tool must be tested by the tool provider so all functionalities are OK.



COMMUNICATION WITH OTHER SYSTEMS

H3.0 tool must communicate with the following systems to provide the particular functionalities. Please NOTE, that the following connections are very important, so if you change something on your firewall that will influence this connection functionality, system and its important functionalities can be harmed by this.:

- **Sending e-mails:** tool can send emails through standard mail function of PHP. Although, we strongly recommend to use sending through SMTP. Please deliver recommended SMTP Host and Port for communication. If Authentication is needed, please provide the login and password and information if the Auth. is SSL/TLS.
- **Initialise charts:** For generating the charts, tool uses Google Chart Api, so communication with
 - *.google.com
 - www.google.com
 - chart.apis.google.com
 - all of the port 80 is needed.
- **Central pricelists synchronisation:** system will download and synchronise the pricelist with central pricelist database. For particular countries, the following connections must be allowed:
 - o *For Czech Republic* - database access to suda.miton.cz
 - o for other countries - database access to hondzyk.com
- **Gemius API:** System downloads campaign results from Gemius system through its API. Communication with <http://gdeapi.gemius.com> must be allowed
- **AdForm API:** System downloads campaign results from AdForm system through its API. Communication with <http://api.adform.com> must be allowed
- **Sizmek/Mediamind API:** System downloads campaign results from Sizmek system through its API. Communication with http://*.mediamind.com must be allowed
- **Google Analytics API:** System downloads campaign results from Google Analytics system through its API. Communication with http://*.googleapis.com must be allowed
- **Toggl API:** System downloads toggl data from Toggl through its API. Communication with <http://www.toggl.com> must be allowed
- **System update:** To download the current updates of the system will be realized from the URL <http://updater.h30.cz/> so connection with this domain must be allowed.

Please note that because of the systems developement, new requirements may be raised from the tool provider.

REGULARY RUN PROCESSES

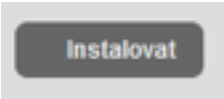
System needs to run the following scripts to do daily maintenance: central pricelist synchronisation and daily statistics downloading. Please make this script run every day in the early morning (1-2 o'clock). Can be run as „cli“ or as web service:

`/sync/h30/sync.php`

SYSTEM UPDATE

Within the module, you can update the system. Frequently updates are very recommended as we develop the useful functionalities. System provider will always let you know about the right time to install all available updates. Update process has the following steps:

- Go to the menu Administration/Set Up (Nastavení)/System update (Aktualizace aplikace)
- Click to the button Check updates (Zkontrolovat aktualizace). System will check if there are some new updates available. If yes, system downloads them.
- Before every update you **MUST BACKUP the whole system!!! Both files and database! NEVER do update without the backup please!**
- Updates must be installed one after the other, never update all the files at once.
- Every update has two steps:
 - o Download the files (ZIP file icon) - please download the files and copy the content of the „wwwdata“ directory into G30 filesystem
 - o Than click to the button Refresh page (Obnovit stránku) on the top of the page - in particular update's line you can see install button. Click it and updates will be installed.
 - o After this, you can install the next update
- After every update, system administrator or the person who works with the system shall test the main functionalities

A button with the text 'Instalovat' (Install) in a dark grey box with rounded corners.

SYSTEM BACKUP

You - as IT department - are responsible for system backup. If any changes are made, you are the angel of returning to the peaceful point. There are two backup you shall do:

Files - files backup are most important before ANY update or changes. You shall backup them and keep the backup ready, if anything wrong happens after the update/upgrades. There are files in the directory `/public/data/upload`, especially those .zips named like „backup-h20-2013-03-21-14-24-51.zip“. You don't need to backup those files, moreover, you may delete those files time by time (having them backed up). Those files contain database backup up done by system itselfs, before any larger amount of data realized - import of research data, etc.

Database - database shall be backed up as much frequently as possible, minimum 1x daily. Please backup the whole database.