

GestióIP IPAM

v3.0

IP address management software

Upgrade Guide

v0.1

www.gestioip.net

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1 Introduction

GestióIP comes with a script based Upgrade Assistant which guides through the upgrade process. All required actions are executed through the Upgrade Assistant. There are no manual actions necessary.

GestióIP v3.0 has enhanced statistics which require the Perl module GD to be installed. The Upgrade Assistant can install the new Perl module automatically with the Linux distribution specific packet manager (yum, zypper, apt-get).

The Upgrade Assistant supports the following actual Linux distributions: Debian, Ubuntu, Fedora, RedHat, CentOS, SuSE

Note

If you upgrade from GestióIP <= v2.2.3 please see http://gestioip.net/docu/UPGRADE_21

2 Upgrade

To upgrade from GestióIP >= v2.2.4 to v3.0 download the GestióIP v3.0 tar-ball from www.gestioip.net, execute the script based Upgrade Assistant and follow the instructions.

Important note

If you have Cron-jobs for the automatic actualization scripts configured, please disable the Cron-jobs before executing the Upgrade Assistant. The scripts of older versions of GestióIP are not compatible with GestióIPv3.0. Upgrade Assistant will actualize the scripts and the configuration file `ip_update_gestioip.conf` (under `/usr/share/gestioip/`). After upgrading to GestióIP v3.0 please have a look at the new configuration parameters and enable the Cron-jobs for the new actualization scripts, again.

Note

The Upgrade Assistant will automatically create backups of the old GestióIP installation as well as of the Mysql data base.

Download GestióIP

* Download GestióIP 3.0 IPAM from www.gestioip.net

Upgrade to version 3.0

* Open a shell and untar file `gestioip_3.0.tar.gz`:

```
$ tar vzxvf gestioip_3.0.tar.gz
```

* Change to the new directory `gestioip_3.0/update`

```
$ cd gestioip_3.0/update/
```

* Execute the script based Upgrade Assistant like root

```
$ sudo ./update_gestioip.sh
```

Setup will write a log file called `update.log` which is stored in the same folder as the script itself and contains all details of the upgrade process.

If you didn't changed the default parameters during the installation of GestióIP, you can confirm all parameters proposed by the Upgrade Assistant by pressing ENTER key.

```
$ sudo ./update_gestioip.sh
```

This script will update GestioIP to version 3.0

Please disable all cronjobs for automatic actualization before continuing with the update

Do you wish to continue [y]/n?

Fri Oct 21 11:16:08 CEST 2011: Starting update

Storing log in /home/user/source/gestioip_3.0/update/update.log

Which is the Apache DocumentRoot directory [/var/www/html]?

OK, using Apache DocumentRoot /var/www/html

Which is the GestioIP DocumentRoot directory [/var/www/html/gestioip]?

OK, using GestioIP's DocumentRoot /var/www/html/gestioip

Which user account is running Apache web server [apache]?

Ok, using APACHE USER: apache

Which group is running Apache web server [apache]?

Ok, using APACHE GROUP: apache

Storing BACKUP of old installation in

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```
/home/user/source/gestioip_3.0/update/20111021111607.backup_gestioip_update.tar.gz
Storing BACKUP of old actualization scripts in
/home/user/source/gestioip_3.0/update/20111021111607.backup_scripts_gestioip_update.tar.gz
```

```
++ GestioIP 3.0 requieres new Perl modules ++
```

Do you plan to import networks from a Spreadsheet [y]/n?

```
Checking for DBI PERL module...
```

```
Found that PERL module DBI is available.
```

```
Checking for DBD-mysql PERL module...
```

```
Found that PERL module DBD-mysql is available.
```

```
Checking for Net::IP PERL module...
```

```
Found that PERL module Net::IP is available.
```

```
Checking for Net::Ping::External PERL module...
```

```
Found that PERL module Net::Ping::External is available.
```

```
Checking for Parallel::ForkManager PERL module...
```

```
Found that PERL module Parallel::ForkManager is available.
```

```
Checking for SNMP PERL module...
```

```
Found that PERL module SNMP is available.
```

```
Checking for SNMP::Info PERL module...
```

```
Found that PERL module SNMP::Info is available.
```

```
Checking for Mail::Mailer PERL module...
```

```
Found that PERL module Mail::Mailer is available.
```

```
Checking for Time::HiRes PERL module...
```

```
Found that PERL module Time::HiRes is available.
```

```
Checking for Date::Calc PERL module...
```

```
Found that PERL module Date::Calc is available.
```

```
Checking for Date::Manip PERL module...
```

```
Found that PERL module Date::Manip is available.
```

```
Checking for Net::DNS PERL module...
```

```
Found that PERL module Net::DNS is available.
```

```
Checking for Spreadsheet::ParseExcel PERL module...
```

```
Found that PERL module Spreadsheet::ParseExcel is available.
```

```
Checking for OLE::Storage_Lite PERL module...
```

```
Found that PERL module OLE::Storage_Lite is available.
```

```
Checking for GD::Graph::pie PERL module...
```

```
*** ERROR ***: PERL module GD::Graph::pie is not installed!
```

Typically GD Perl module is not installed on the server. Because the GD Perl module is for all

supported Linux distributions as packet available, the Upgrade Assistant can install the missing Perl module with the Linux distribution specific packet manager.

There are Perl Modules missing

Update can install the missing modules

Do you wish that Update installs the missing Perl Modules now [y]/n?

Executing yum install perl-Net-IP perl-Net-Ping-External perl-Parallel-ForkManager perl-DBI perl-DBD-mysql perl-Spreadsheet-ParseExcel net-snmp-perl perl-DateManip perl-Date-Calc perl-TimeDate perl-MailTools perl-SNMP-Info perl-Net-DNS perl-GDGraph

Loaded plugins: langpacks, presto, refresh-packagekit

Setting up Install Process

Package perl-Net-IP-1.25-16.fc15.noarch already installed and latest version

Package perl-Net-Ping-External-0.12-7.fc15.noarch already installed and latest version

Package perl-Parallel-ForkManager-0.7.9-2.fc15.noarch already installed and latest version

Package perl-DBI-1.616-3.fc15.i686 already installed and latest version

Package perl-DBD-MySQL-4.018-7.fc15.i686 already installed and latest version

Package perl-Spreadsheet-ParseExcel-0.4900-7.fc15.i686 already installed and latest version

Package 1:net-snmp-perl-5.6.1-7.fc15.i686 already installed and latest version

Package perl-Date-Manip-6.25-1.fc15.noarch already installed and latest version

Package perl-Date-Calc-6.3-5.fc15.noarch already installed and latest version

Package 1:perl-TimeDate-1.20-4.fc15.noarch already installed and latest version

Package perl-MailTools-2.07-2.fc15.noarch already installed and latest version

Package perl-SNMP-Info-2.01-6.fc15.noarch already installed and latest version

Package perl-Net-DNS-0.66-2.fc15.i686 already installed and latest version

Resolving Dependencies

--> Running transaction check

---> Package perl-GDGraph.noarch 1:1.44-10.fc15 will be installed

--> Processing Dependency: perl(GD) for package: 1:perl-GDGraph-1.44-10.fc15.noarch

--> Processing Dependency: perl(GD::Text::Align) for package: 1:perl-GDGraph-1.44-10.fc15.noarch

--> Running transaction check

---> Package perl-GD.i686 0:2.44-6.fc15 will be installed

---> Package perl-GDTextUtil.noarch 0:0.86-18.fc15 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

```
=====
=====
Package                Arch          Version
Repository             Size
=====
Installing:
perl-GDGraph           noarch        1:1.44-10.fc15
fedora                 127 k
Installing for dependencies:
```

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perl-GD		i686	2.44-6.fc15
fedora	181 k		
perl-GDTextUtil		noarch	0.86-18.fc15
fedora	39 k		

Transaction Summary

=====
=====
Install 3 Package(s)

Total download size: 347 k
Installed size: 846 k

Is this ok [y/N]: y

Downloading Packages:

Setting up and reading Presto delta metadata

Processing delta metadata

Package(s) data still to download: 347 k

(1/3): perl-GD-2.44-6.fc15.i686.rpm

| 181 kB 00:00

(2/3): perl-GDGraph-1.44-10.fc15.noarch.rpm

| 127 kB 00:00

(3/3): perl-GDTextUtil-0.86-18.fc15.noarch.rpm

39 kB 00:00

Total

74 kB/s | 347 kB 00:04

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

Installing : perl-GD-2.44-6.fc15.i686

1/3

Installing : perl-GDTextUtil-0.86-18.fc15.noarch

2/3

Installing : 1:perl-GDGraph-1.44-10.fc15.noarch

3/3

Installed:

perl-GDGraph.noarch 1:1.44-10.fc15

Dependency Installed:

perl-GD.i686 0:2.44-6.fc15

perl-GDTextUtil.noarch 0:0.86-18.fc15

Complete!

+-----+
| Checking for required Perl Modules... |
+-----+

Checking for DBI PERL module...

Found that PERL module DBI is available.

Checking for DBD-mysql PERL module...

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Found that PERL module DBD-mysql is available.

Checking for Net::IP PERL module...

Found that PERL module Net::IP is available.

Checking for Net::Ping::External PERL module...

Found that PERL module Net::Ping::External is available.

Checking for Parallel::ForkManager PERL module...

Found that PERL module Parallel::ForkManager is available.

Checking for SNMP PERL module...

Found that PERL module SNMP is available.

Checking for SNMP::Info PERL module...

Found that PERL module SNMP::Info is available.

Checking for Mail::Mailer PERL module...

Found that PERL module Mail::Mailer is available.

Checking for Time::HiRes PERL module...

Found that PERL module Time::HiRes is available.

Checking for Date::Calc PERL module...

Found that PERL module Date::Calc is available.

Checking for Date::Manip PERL module...

Found that PERL module Date::Manip is available.

Checking for Net::DNS PERL module...

Found that PERL module Net::DNS is available.

Checking for Spreadsheet::ParseExcel PERL module...

Found that PERL module Spreadsheet::ParseExcel is available.

Checking for OLE::Storage_Lite PERL module...

Found that PERL module OLE::Storage_Lite is available.

Checking for GD::Graph::pie PERL module...

Found that PERL module GD::Graph::pie is available.

Found all required Perl Modules for GestioIP - Good!

**Under which directory should GestioIP's script files be installed
[/usr/share/gestioip]?**

OK using script base directory /usr/share/gestioip

Which is the SID of GestioIP's database [gestioip]?

Which is GestioIP's database user [gestioip]?

Which is GestioIP's database user password []? PASSWORD

On which host is the mysql database running [localhost]?

On which port is the mysql database listening [3306]?

(Note: If you are not sure about the database parameters have a look at

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[DocumentRoot]/priv/ip_config)

Storing backup of actual database in
/home/user/source/gestioip_3.0/update/20111021111607.backup_gestioip_mysql.sql

Updating database...OK

Copying files.....OK

Copying old script configuration file to ip_update_gestioip.conf_228_old...OK

Adding new configuration parameter to script configuration file...OK

```
+-----+
|                |
|   Update to    |
|   GestioIP 3.0|
| has finished  |
| successfully! |
|                |
+-----+
```

Note:

Don't forget to re-enable cronjobs for automatic actualization.

That's it! You are running now GestióIP v3.0.

Note

The style of the language-links at the bottom of the web interface has changed. In some cases you need to restart your browser in order to display them well.