

Installation Guide

GWAVA 6.5

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Overview

GWAVA is a complete solution package for protecting email systems from viruses, spam, and undesired content. Though initially designed to integrate with Novell GroupWise mail systems, GWAVA has the ability to act as an SMTP proxy to scan, filter, and monitor all mail systems. GWAVA can be installed on either a Windows or a Linux server, and is also available in a linux-based appliance image.

Licensing

GWAVA may be run as a trial for a period of 30 days before a license is required. The trial period of GWAVA is full featured for a complete experience of what GWAVA has to offer, however, after the 30 day period, mail will no longer be scanned and GWAVA will not function until a license is purchased and applied to the GWAVA system.

To purchase or acquire a license for the GWAVA system, contact a sales representative for your area or obtain a license by visiting <https://licenses.gwava.com/>.

Support

GWAVA support may be found at:

Online: <http://support.gwava.com>

Email: support@gwava.com

Telephone: +1-801-437-5678 (Monday to Friday, 9:00 AM – 5:00 PM Eastern Standard Time)

EMEA TEL: +49256130249190 (Monday to Friday, 8:30 AM – 5:00 PM Central European Time)

Obtaining GWAVA

GWAVA may be downloaded from

<http://www.gwava.com/trial-downloads-of-gwava-products.html#c7138>

or it may be obtained by contacting your sales representative. Please see

<http://www.gwava.com/company/contact-us.html> to locate a sales representative for your area.

Minimum System Requirements

Supported Operating Systems: (with appropriate Java installed)

Linux

Novell Open Enterprise Server 2.x (Linux)

SUSE Linux Enterprise Server 10.x

SUSE Linux Enterprise Server 11.x

Windows

Windows 2003 Server

Windows 2008 Server

Microsoft Visual C++ (Required for Windows installer)

Hardware Recommendations:

Hardware recommendations are made according to approximate system load, and are dependent on OS and configuration type. General configuration settings are assumed. All RAM recommendations are for existing, unused ram, not total system RAM. (If connection dropping is used on an SMTP scanner, the expected performance rises significantly.)

3,000 Messages per hour

- Modern Multi-core 2.4 GHz Processor
- 1.5 GB Free RAM
- 40 GB Hard Drive space

10,000 Messages per hour

- Modern Xeon / Opteron Class 3 GHz Processor
- 4 GB Free RAM
- 100 GB Hard Drive space

Supported GroupWise Versions (For GroupWise integration)

GroupWise 7.0 SP 3

GroupWise 8.0 SP 2

GroupWise 2012

Supported Databases

Internal Database: SQLite

External Supported Database: Postgres 9.1.3

Installation

Linux

GWAVA provides a native RPM installer for Linux. The rpm installer wraps together all pertinent information into a very painless installation experience.

Download the GWAVA-i586.rpm file to the desired server and run the installer either through the GUI with 'install software' or with the rpm command.

```
rpm -ivh gwava-<version number>.rpm
```

The installation will set GWAVA to run automatically, use no proxy, and update virus definitions within an hour after installation.

The GWAVA installer does not open any ports in the system firewall. To access GWAVA Management, port 49282 must be open.

The default commands for stopping and starting GWAVA on linux are:

```
rcgwavaman start
```

```
rcgwavaman stop
```

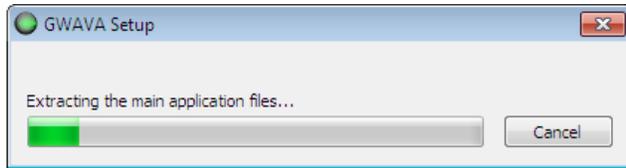
GWAVA is installed, but must be activated.

To continue, make sure that the GWAVA service is running and then open a browser and navigate to the setup and server activation:

```
http://<server_ip>:49282
```

Windows Installation

To install GWAVA on Windows, locate or download the installation file to the desired server and execute the installer.



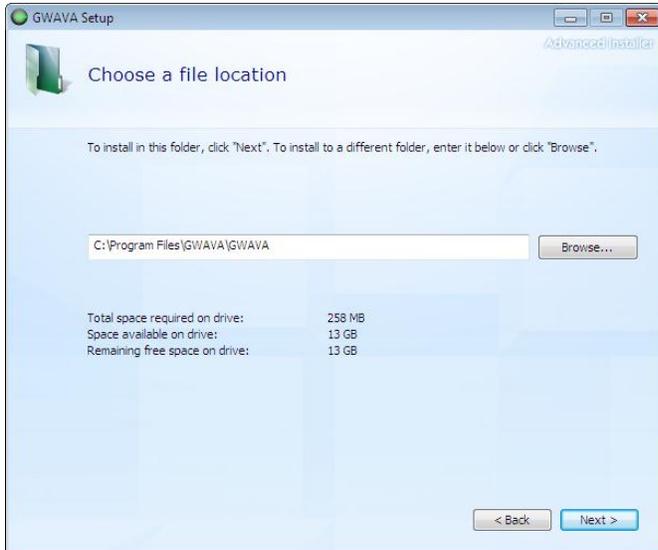
The installer will extract all files necessary and begin the installation wizard.



When the installer begins, click 'Next' to continue.

Agree to the license terms and select 'next' to continue.

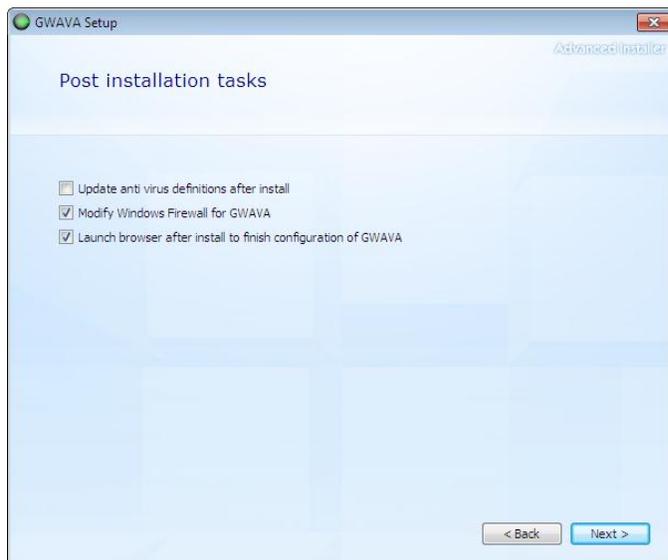
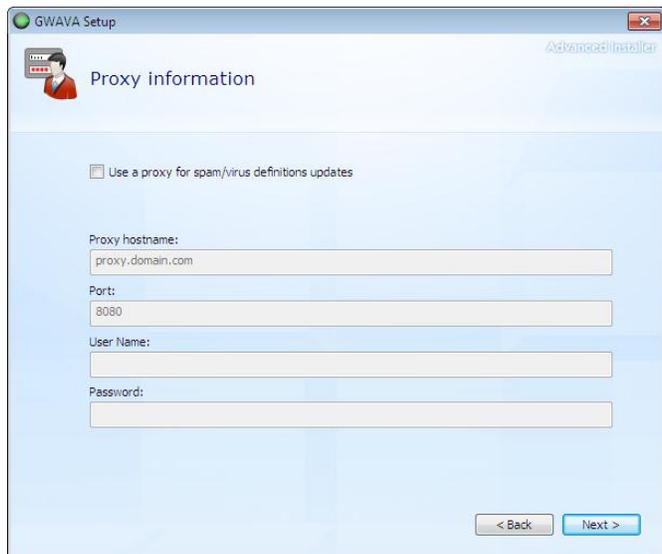




GWAVA installs to the default location shown, if a different location is desired, specify the new location and select 'Next' to continue.

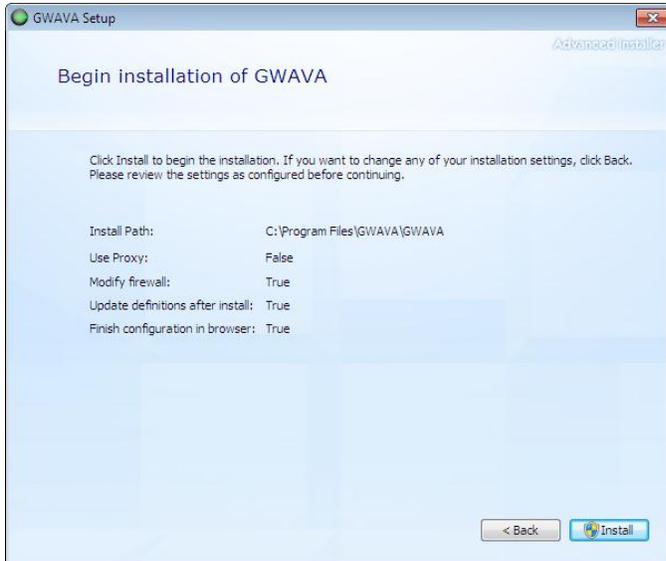
If a Proxy is utilized or desired to be used in the system, enable the proxy setting and input the relevant information.

If your Proxy uses a username and password, the information must be provided for GWAVA to function correctly.



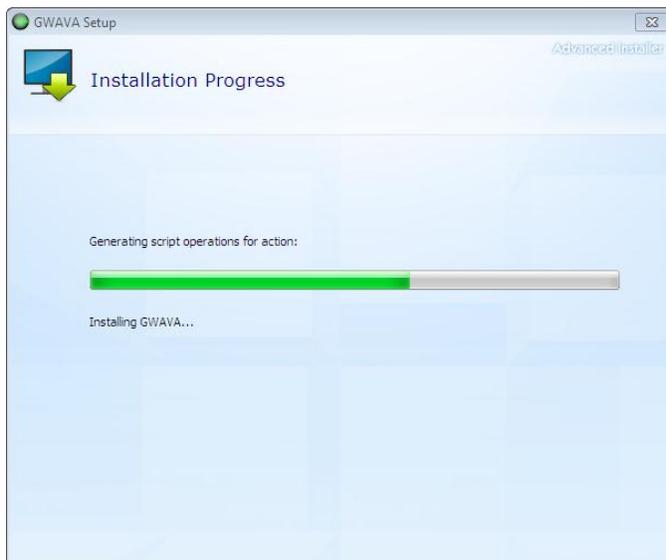
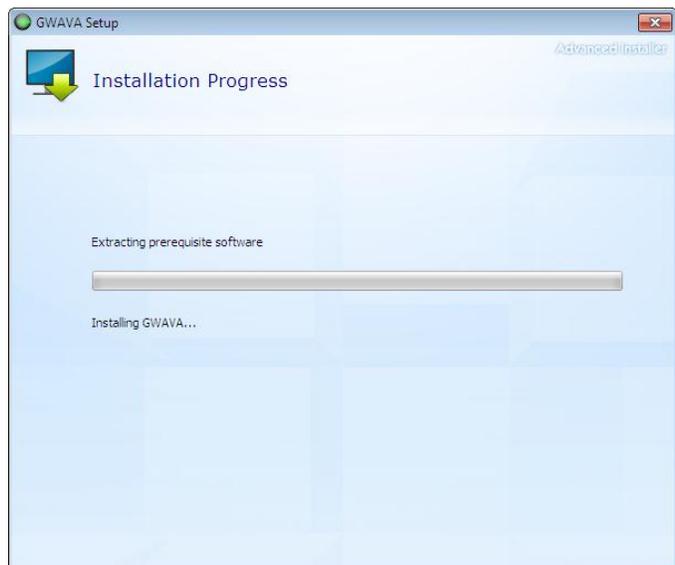
All post installation tasks options are offered. Select the appropriate desired tasks and click 'Next' to continue.

To access the GWAVA Management page, port 49282 must be opened in the firewall.



Once all the necessary information has been collected, they are displayed for review. If the settings are correct, select 'Install' to continue.

The GWAVA installer will check for Microsoft Visual C++ runtime, and if it is missing, the GWAVA installer will initiate the download and install for it.



After C++ is installed and the required prerequisite software is installed, the GWAVA installer will be resumed.



When the installer finishes installing GWAVA, click 'close' to exit the wizard.

On Windows, by default the GWAVA server is run as a system service.

The GWAVA system is now installed, running, and is waiting for Server Activation.

GWAVA Server Activation

From your workstation, enter the URL `http://<your_server_ip>:49282`. For example: `http://192.168.10.60:49282`, then click 'Go' or press ENTER.

Choose the default, 'this is a new GWAVA server' and click 'Continue'

The screenshot shows the 'GWAVA 6' logo at the top left. Below it is a vertical sidebar titled 'Initial Set Up' with three numbered steps: 1 (highlighted in green), 2, and 3. The main content area is titled 'GWAVA Network Setup' and contains the following text:

Welcome to the world of GWAVA, and thank you for choosing to protect your messaging system with the worlds number one content management solution for Novell GroupWise.

Now that your GWAVA applications have been located on this server, it is ready to be configured for use. GWAVA has two levels of configuration, the management system, and the individual scanner applications. This wizard will take you through the configuration of the management system in preperation for installing and setting up the scanner services.

First off, please tell me if this is the first GWAVA server in your network, or if you are connecting this server into an existing GWAVA system that already has other GWAVA servers running.

This is a new GWAVA server
 This server will participate in an existing GWAVA network

Continue

Enter the requested information for your environment.

The screenshot shows the 'GWAVA 6' logo at the top left. Below it is a vertical sidebar titled 'Initial Set Up' with three numbered steps: 1, 2 (highlighted in green), and 3. The main content area is titled 'GWAVA Network Setup' and contains the following text:

Because this is the first, or only GWAVA management server in your network, we need to gather some rudimentary settings to secure the server and prepare it for installing the scanner applications that will protect your e-mail system.

Server Parameters

Server identifying name	gwava65 (Linux)
Client connection address	192.168.1.148:49282
Database type	Internal

Administration Information

GWAVA administrator login name	Admin
GWAVA administrator password	
Verify administrator password	
Internet Domain (eg. GWAVA.com)	
GWAVA administrators full name	
GWAVA administrator e-mail address	

Mail Relay / User Authentication

SMTP server for notification/authentication	
SMTP AUTH username	
SMTP AUTH password	

Continue

Remember this password. You will need this to login after this step is complete.

GWAVA comes with an internal database, SQLite, which is sufficient and which requires no tuning or separate installation, and if the internal database is selected, no further database configuration is required.

However, for those who desire an external and more robust database engine, GWAVA also supports Postgres db. (Postgres 9.1.3)

Installation, setup, tuning, and maintenance of the Postgres database is the responsibility of the administrator.

Database type	Internal
	Internal
	Postgres

Administration Information

GWAVA 6

Initial Set Up

- 1
- 2
- 3

GWAVA Network Setup

Because this is the first, or only GWAVA management server in your network, we need to gather some rudimentary settings to secure the server and prepare it for installing the scanner applications that will protect your e-mail system.

Server Parameters

Server identifying name	gwava65 (Linux)
Client connection address	192.168.1.148:49282
Database type	Postgres
Postgres host server	localhost
Database configuration	Create database
Postgres database name	GWAVA
Postgres login name	
Postgres login password	

Administration Information

GWAVA administrator login name	Admin
GWAVA administrator password	
Verify administrator password	
Internet Domain (eg. GWAVA.com)	
GWAVA administrators full name	
GWAVA administrator e-mail address	

Mail Relay / User Authentication

SMTP server for notification/authentication	
SMTP AUTH username	
SMTP AUTH password	

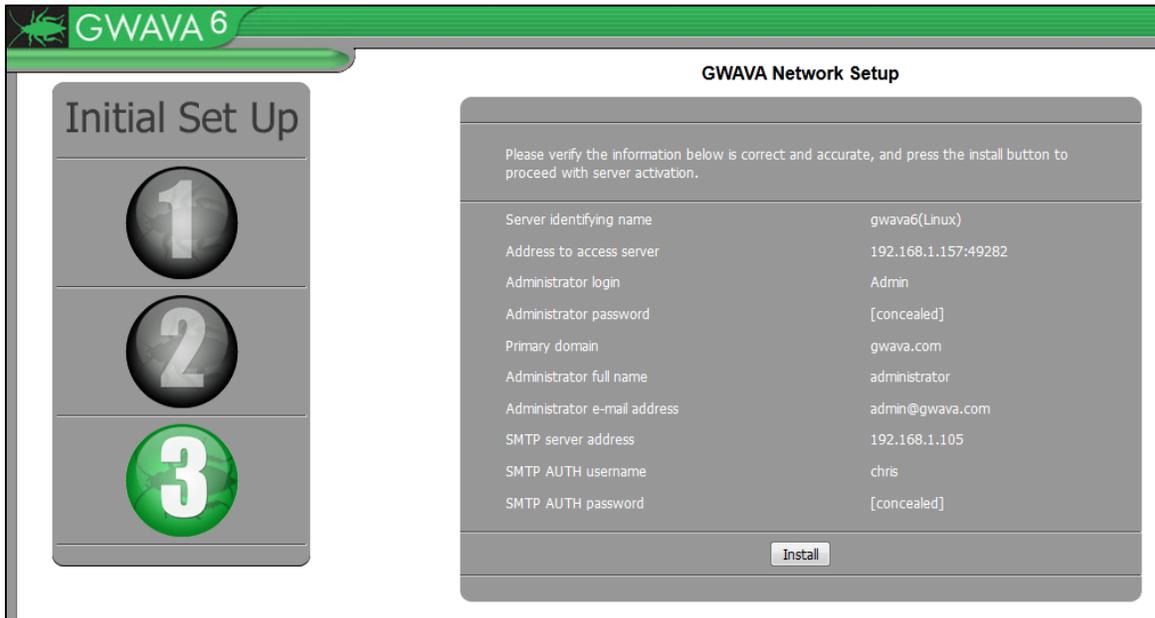
Continue

GWAVA requires the basic connection information for Postgres: IP address or DNS name and database name. The account login name and password for Postgres must be an account with database creation rights – or if connecting to an existing database, the username and password with full rights to that database.

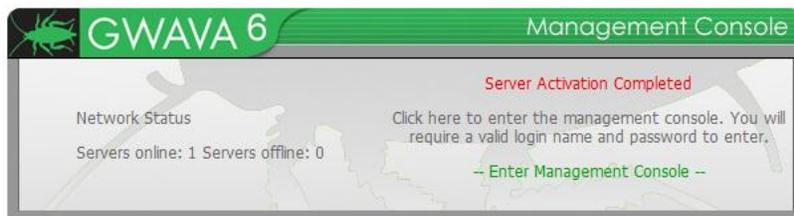
Specify whether GWAVA will create the database automatically or whether GWAVA is to connect to an existing database. Because GWAVA can create a database with everything required, it is recommended to allow GWAVA to create the database.

When configuration has been completed, select 'Continue'.

Confirm that the information is accurate and click 'Install'.



After the server has been activated, the following screen should appear. You should see a login prompt to the web interface in the future.



Now that the server is activated, we can proceed with creating the desired scanners and scanner configuration. See the Administration guide for all configuration and scanner creation instructions.

To connect to the GWAVA Management Console in the future, open any browser that has access to the server and type the URL http://<server_ip>:49282

Log into your GWAVA Management Console to begin server configuration.

