



# GeNUBox 3.2 Release Notes

Information on the GeNUBox 3.2 product family is available in these release notes.

Please read this document carefully! You are advised to install this upgrade, as this release both resolves various problems, and provides new features.

## Changeover To GeNUCenter Management Server Version 2.3

Please note that GeNUBox 3.2 is centrally managed exclusively by the current *GeNUCenter Management Server version 2.3*.

Older versions of GeNUCenter (e.g. 2.1) can not display and manage GeNUBox 3.2 correctly.

## 1 GeNUBox 3.2 Updates

### 1.1 New Features

- **Remote Maintenance via L2TP/IPsec Tunnels**

Various systems cannot properly utilize the existing remote maintenance solution via SSH port forwarding. For example, the Siemens S7 systems can only handle the IP addresses and ports as predefined by the remote maintenance client. The current GeNUBox version 3.2 now can initialize an L2TP/IPsec tunnel to the rendezvous box, and appear to directly contact the actual IP address/port of the target system to be maintained.

- **SVLAN - IEEE 802.1Q/1AD**

GeNUBox now supports VLAN according to the IEEE 802.1Q/1AD standard. As an example, service providers can use SVLAN to implement the transparent integration of customer facilities.

## 2 Upgrade Installation

GeNUBox can be updated either via the central GeNUCenter management server or as a standalone appliance.

Version 3.1 with any patch level is a prerequisite for the upgrade to GeNUBox 3.2. If you are upgrading from an older version (e.g. 2.1), please first follow the migration steps described in the GeNUBox 3.1 release notes.

### 2.1 Central Upgrade

- **Upgrade GeNUCenter 2.2 Management Server**

Please follow the upgrade instructions of the current GeNUCenter 2.2 release. This upgrade also includes the current software for centrally managed GeNUBoxes.



## 3 HOW TO CONTACT US

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- **Upgrade GeNUBox**

After updating the management server, the appliances can be updated using the GENUCenter GUI. To do so, follow the instructions for updating appliances in the GENUCenter manual.

## 2.2 Upgrading A Standalone GeNUBox To Version 3.2

### 2.2.1 Software

You can obtain the file for the upgrade in different ways:

- **Obtaining the release from the CD** The release file `B320_000.cpt` is located in the root directory of the release CD.
- **Obtaining the release from the GeNUA website** You can also download the release manually from the GeNUA HTTPs server. All files are named in the format `BNNN_MMM.cpt`. `NNN` is the current release, `MMM` is the patch level for that release. Please perform the following steps to update release 3.1 to release 3.2:

1. In a browser, go to:

`https://www.genua.de/k/customer/gb_support/patches32.html`

Alternatively, go to `http://www.genua.de` and click on Customer Service -> Internal Customers Area -> GeNUBox Support

2. Enter your license key, the old version number and patch level. Confirm by clicking "download"
3. Download the file `B320_000.cpt` (Patch 0).

### 2.2.2 Backup the configuration

Choose `SYSTEM` → `MAINTENANCE` in the GeNUBox GUI. Click on `EXPORT CONFIGURATION` and save the listed file.

### 2.2.3 Apply the release file

Choose `SYSTEM` → `MAINTENANCE` in the GeNUBox GUI. Specify the file `B320_000.cpt` in the `UPLOAD PATCH FROM FILE TO SYSTEM` form field and press the upload button. The GUI will guide you through the rest of the process.

## 3 How to Contact Us

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