



Gluware® Pro Free Get Started

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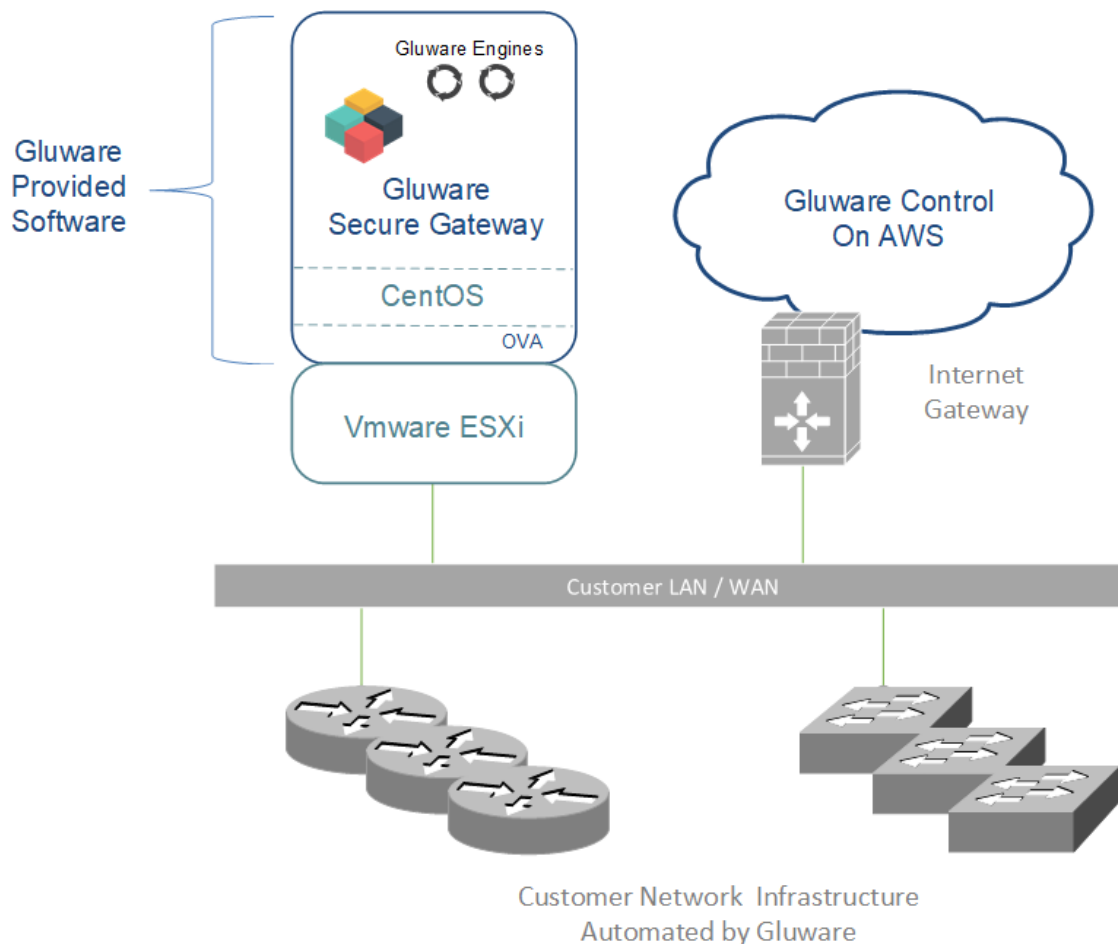
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About Gluware Pro Free

Gluware Pro Free includes the Gluware **Device Manager** and a forty-five-day trial of **Config Drift and Audit** that form the foundation of the industry leading network automation platform. **Gluware Pro Free** is designed to get you started using Gluware with little effort.

The **Gluware Secure Gateway** (GSG) is installed on your network to ensure secure access. Gluware Customer Support maintains an encrypted Gluware instance on AWS that communicates with your GSG. This architecture ensures maximum uptime and system health while ensuring you control communication to your network infrastructure. To provide redundancy, a second Gluware Secure Gateway may be installed on your network.



Browser requirements

Google Chrome™, desktop versions (not iOS)

Recommended resolution: 1920 x 1080 pixels

Minimum resolution: 1280 x 1024 pixels

Other browsers may work, but the user experience may vary.

System requirements

Gluware Secure Gateway	Minimum requirements
Disk space	128 GB
Memory	6 GB
CPUs/vCPUs	2 CPUs, 2.4 GHz
Other	Unique static IP address

Network connectivity requirements

Gluware Pro Free requires internet connectivity from the installed **Gluware Secure Gateway**. The Gluware Secure Gateway communicates with a Gluware instance on AWS using the following network port numbers.

Internet connectivity

Source	Destination	Ports
Gluware Secure Gateway	AWS	SSH (TCP 22)

All communication to your network infrastructure is initiated by the Gluware Secure Gateway residing at your chosen network location.

Gluware Secure Gateway to device connectivity

Source	Destination	Ports
Gluware Secure Gateway	Customer network device	SSH (TCP 22) or Telnet (TCP 23)

Supported Platforms

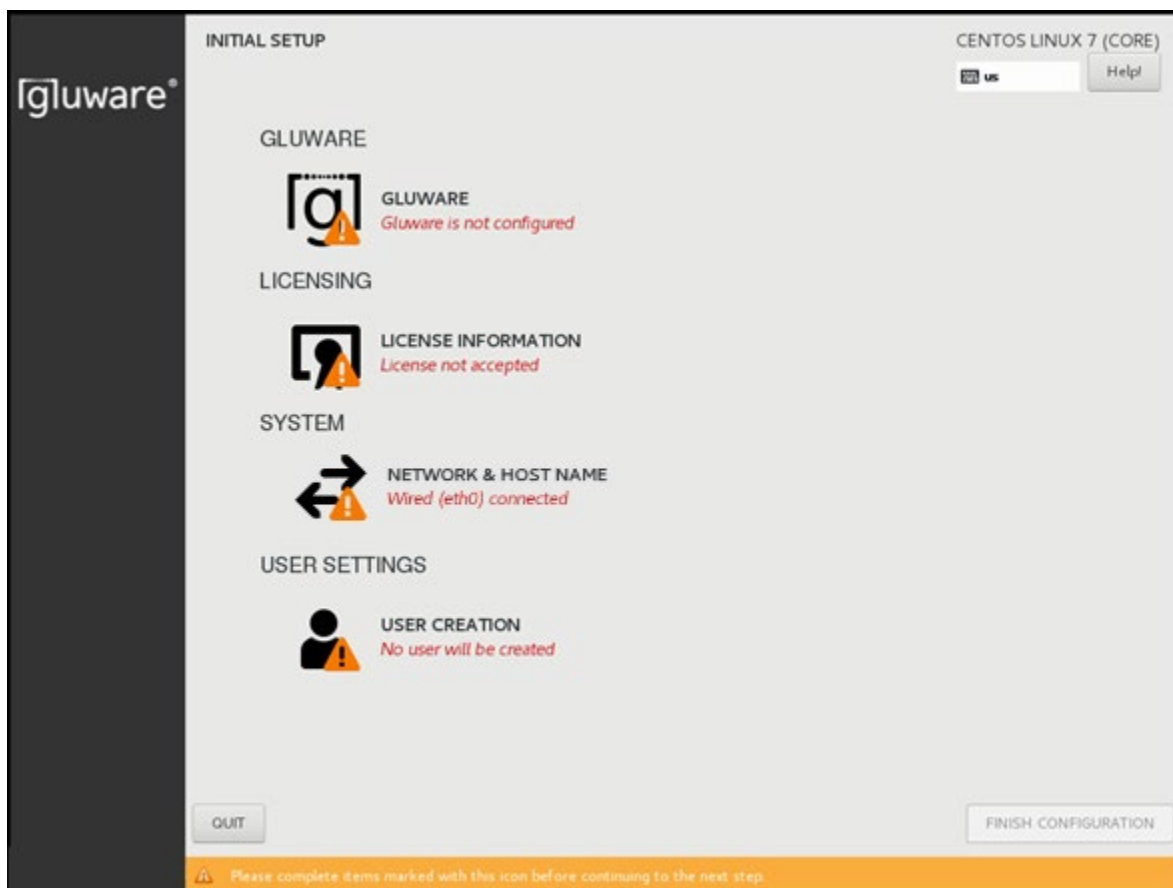
The vendors and network operating systems currently supported are listed at <https://gluware.com/supported-platforms/>.

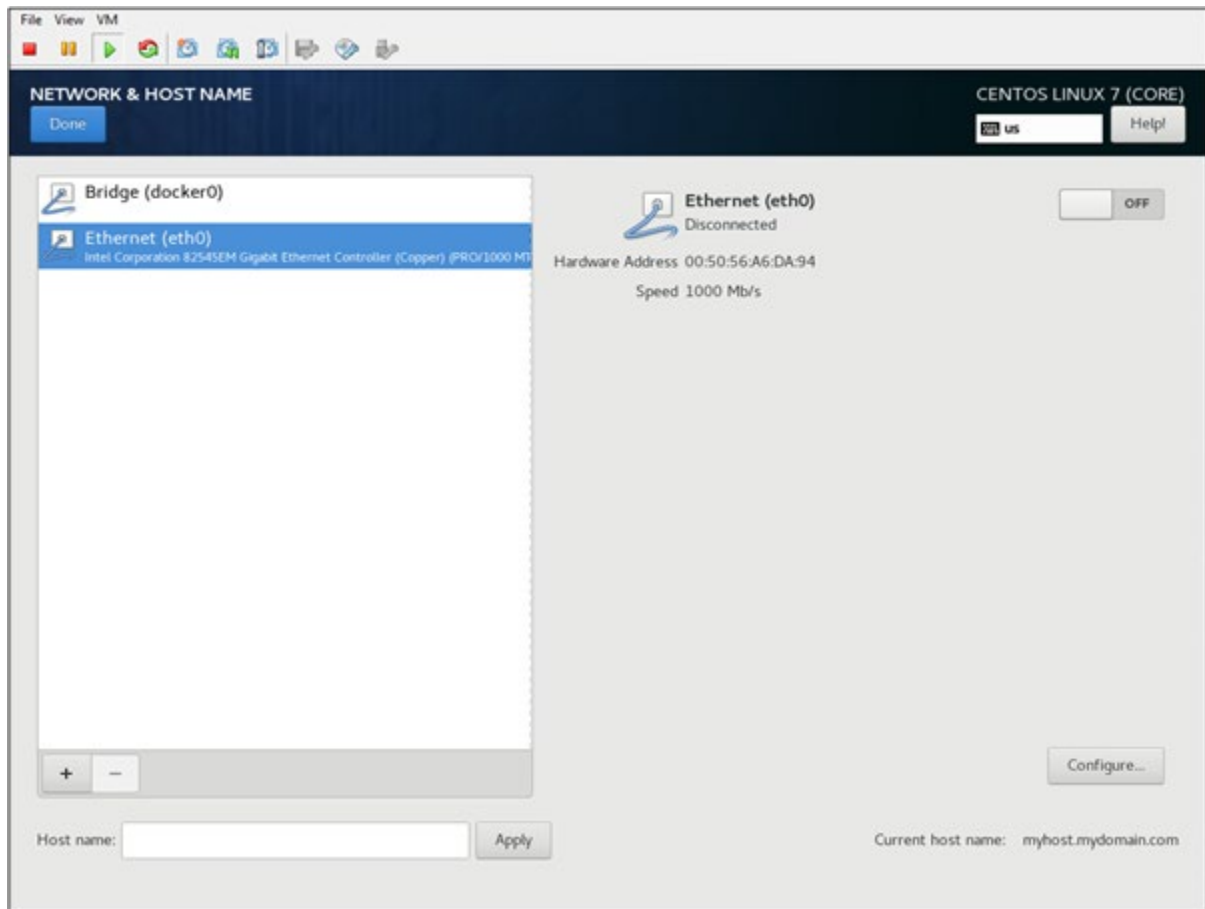
Installing Gluware Pro Free

A link to download **Gluware Pro Free** is emailed to the address you used at signup.

Install the Gluware Secure Gateway

1. Install the OVA and power it on.
2. Open the **VMware Console**.
3. On the **INITIAL SETUP** screen, **first** select **NETWORK & HOST NAME**.





4. Ensure that **Ethernet (eth0)** is selected. (Don't change the **Bridge (docker0)** settings.)
5. Enter the fully qualified host name you want for this host and click **Apply**.
6. Click **Configure** to define your network configuration on the eth0 adapter.

Editing System eth0

Connection name: System eth0

General Ethernet 802.1x Security DCB **IPv4 Settings** IPv6 Settings

Method: Manual

Addresses

Address	Netmask	Gateway

Buttons: Add, Delete

DNS servers:

Search domains:

DHCP client ID:

Require IPv4 addressing for this connection to complete

Buttons: Routes..., Cancel, Save

7. Select the **IPv4 Settings** tab.
8. Select **Manual** from the **Method** drop-down list.
9. Click **Add** and enter your network definition: the IP **Address**, **Netmask**, and **Gateway** to assign for this host. It must be consistent with the virtual switch that was assigned for this host when setting up the virtual machine.

NOTE: A static IP address is recommended. Use of DHCP is not recommended.

10. Click **Save** to store your network configuration.
11. Click **Done** to complete your network definition.

The Ethernet (eth0) setting is based on the hypervisor virtual network setup on which the CentOS image has been built. If you need to change the Ethernet settings in CentOS for any reason, from the CentOS desktop select **Applications > System Tools > Settings > Network**, where the network settings can be adjusted for the CentOS system.

12. On the **INITIAL SETUP** screen, select **SECURE GATEWAY**.

The screenshot shows the 'SECURE GATEWAY' configuration window. At the top left is a blue 'Done' button. At the top right, it says 'CENTOS LINUX 7 (CORE)' with a keyboard icon and 'us' next to it, and a 'Help!' button. The main area is titled 'Gluware Credentials' and contains three input fields: 'Gluware Host' with the text 'pro.gluware.com', 'Username' which is empty, and 'Password' which is empty. Below the password field is a grey 'Initialize' button.

13. Verify the Gluware host name: **pro.gluware.com**.

14. Enter the **Username** and **Password** sent to you in email.

15. Click **Initialize**. You'll see a success message.

16. Click **Done**.

17. On the **INITIAL SETUP** screen, select **LICENSE INFORMATION**.

18. Check the box to accept the CentOS license agreement.

19. Click **Done**.

20. On the **INITIAL SETUP** screen, select **USER CREATION**. The system administrator local user account needs to be created. This isn't a Gluware user—it's the CentOS user that will administer the Gluware system.

The screenshot shows the 'CREATE USER' interface for CentOS Linux 7 (CORE). The form has a dark blue header with 'CREATE USER' on the left and 'CENTOS LINUX 7 (CORE)' on the right. Below the header is a 'Done' button. The main form area contains the following elements:

- Full name**: A text input field.
- User name**: A text input field.
- Tip**: A message: "Tip: Keep your user name shorter than 32 characters and do not use spaces."
- Make this user administrator**: A checkbox.
- Require a password to use this account**: A checked checkbox.
- Password**: A text input field with a strength indicator below it showing "Empty".
- Confirm password**: A text input field.
- Advanced...**: A button at the bottom.

21. Enter the CentOS user's first and last name (**Full name**).
22. Provide the **User Name** and **Password** the CentOS user will use to administer the Gluware system. Create a strong password to protect access to Gluware.
23. Confirm the password and click **Done**.
24. On the **INITIAL SETUP** screen, click **FINISH CONFIGURATION**.

Sign in to Gluware

Sign in to Gluware at <https://pro.gluware.com/>. Use the username and password sent to you in email.

Exploring Gluware

Add your devices

Gluware provides a walkthrough of the **Device Manager** and **Config Drift and Audit** solutions at <https://gluware.com/resources/tutorials/>.

Run an audit

Gluware includes example DoD SIG and NIST CIS audit policies for Cisco IOS that you can run against your devices. (These examples may not meet the full requirements of the compliance specifications.) See the Gluware tutorial at <https://gluware.com/resources/tutorials/config-audit/>.

Getting help

Tutorials

Gluware provides walkthroughs of the Gluware solutions and how to use them. The tutorials are available at <https://gluware.com/resources/tutorials/>.

Online Help

Click ? on the Gluware title bar for online **Help**.

Gluware User Guide

Access the *Gluware User Guide* in the **Guides & Tech Notes** section of the Gluware Support portal at <https://support.gluware.com/hc/en-us>.

Training

Recorded training is periodically posted to the Gluware Support Community.

Online Community

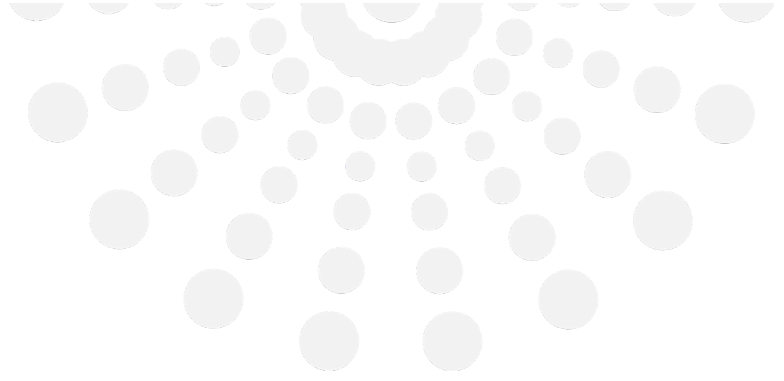
Your **Gluware Support Community** account is established under the email address you used at signup. The community is available at <https://support.gluware.com>.

Knowledge Base

Gluware publishes a **Knowledge Base** with time-relevant topics for our customers and partners. The Knowledge Base is available at <https://support.gluware.com>.

Upgrading to paid Support and adding Gluware solutions

To access Gluware Tier 2 or Tier 3 Support or to add the Gluware **OS Manager** solution, **Config Modeling** solution, contact Gluware at <https://gluware.com/company/contact/> or via email to sales@gluware.com.



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