## Why is Ezeelogin the most secure ssh gateway?

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## What makes Ezeelogin the most secure SSH gateway available?

**Overview:** This article explains how ezeelogin makes the most secure SSH gateway.

- 1. SSH User **password** and **security codes** are hashed using **CRYPT**(SHA512, SHA256, BLOWFISH . DES algorithms). So even in the unlikely scenario of the gateway server being rooted, access to all other servers would still be secure.
- 2. **Private keys/server root passwords/Critical information** are encrypted using **Asymmetric encryption** so it's almost impossible to get hold of the keys.
- 3. <u>Two-factor authentication</u> in the <u>SSH gateway</u> and for the web GUI (<u>Authenticator applications (e.g., Google Authenticator, Microsoft Authenticator, and others)</u> /<u>Yubikey</u>). This is especially useful when you outsource technical support and when you don't know how secure the tech's desktop is. So with the 2-factor authentication, there is an additional layer of security.
- 4. Access control to grant/deny SSH access to servers for individual users.
- 5. <u>SSH logs</u> including input and output of every key pressed or command executed on the server including live streaming of what tech is doing on the server.
- 6. Automated root password reset and password management.
- 7. Automated SUDO support so that you don't have to waste time with the su.
- 8. In the event that tech leaves the company, all the root passwords on all servers could be reset at the click of a button.
- 9. <u>Command guard</u> to filter commands like rm -rf / entered accidentally. Basically, you can create any command filters using regexp.

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