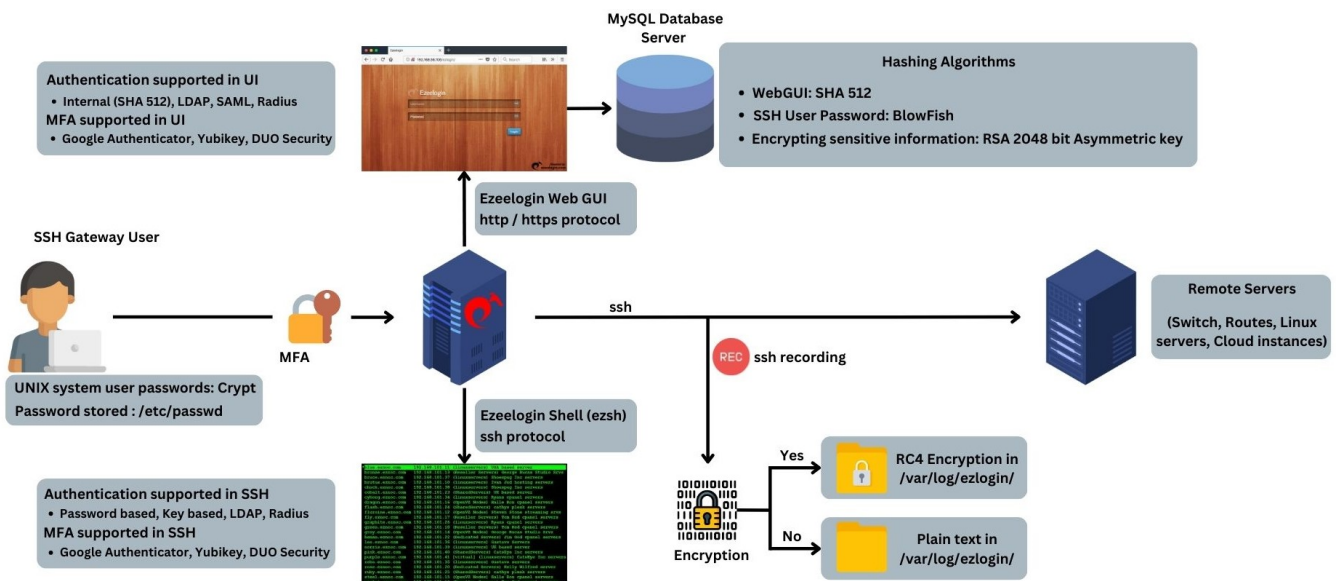


Encryption Technologies used in Ezeelogin

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Encryption algorithms used in Ezeelogin

The User passwords and security codes stored in the Ezeelogin database uses multiple rounds **SHA512, SHA256, BLOWFISH or DES** depending on what's supported in the ssh gateway OS.



1. The UNIX System User passwords uses Crypt.

The parameter after the " : " in /etc/shadow refers the hashing function in use.



User credentials on the database are encrypted.



2. The SSH private keys, server credentials are encrypted with 4096 bit RSA keys.



devops.myserver.com

3. Web portal login credentials are encrypted.

4. **The Gateway User SSH logs are encrypted using RC4** which is recognized as the most commonly utilized stream cipher in the world of cryptography. You may read more about RC4 <http://en.wikipedia.org/wiki/RC4>

Run the following command to find the default Ciphers, MAC , Kex Algorithms supported in the gateway OS



SSH logs are stored in an encrypted format within the database, as depicted below.



Online URL: <https://www.ezeelogin.com/kb/article/encryption-technologies-used-in-ezeelogin-98.html>