

Security Policy

Supported Versions

Version	Supported
1.0.x	:white_check_mark:

Reporting a Vulnerability

Please do NOT report security vulnerabilities through public GitHub issues.

Instead, please report them via email to: **security@digitalvalut.chat**

You should receive a response within 48 hours. If for some reason you do not, please follow up via email to ensure we received your original message.

What to Include

Please include the following information:

- Type of vulnerability
- Full paths of source file(s) related to the vulnerability
- Location of the affected source code (tag/branch/commit)
- Step-by-step instructions to reproduce the issue
- Proof-of-concept or exploit code (if possible)
- Impact of the issue

Our Commitment

- We will acknowledge receipt of your vulnerability report
- We will confirm the problem and determine affected versions
- We will audit code to find similar problems
- We will prepare fixes and release them as fast as possible

Security Features

DigitalValut Chat implements multiple layers of security:

Encryption

- **End-to-End Encryption:** X25519 key exchange + AES-256-GCM
- **Forward Secrecy:** Unique keys per session
- **Quantum Resistance:** Post-quantum cryptography ready

Data Protection

- **Encrypted Database:** AES-256 encrypted SQLite
- **Secure Key Storage:** Biometric-protected keychain
- **Ephemeral Messages:** Automatic secure deletion

App Security

- **Screenshot Blocking:** Prevents screen capture
- **Biometric Authentication:** Face ID / Touch ID / Fingerprint
- **No Backdoors:** Open source, fully auditable

Network Security

- **P2P Communication:** No central server
- **WebRTC DTLS:** Transport layer encryption
- **NAT Traversal:** STUN/TURN for secure connections

Security Audits

We welcome security audits from the community. If you'd like to conduct a formal security audit, please contact us at security@digitalvalut.chat

Disclosure Policy

- Report received and acknowledged: Within 48 hours
- Issue confirmed and investigation started: Within 1 week
- Fix developed and tested: Within 2-4 weeks
- Public disclosure: After fix is released

Thank you for helping keep DigitalValut Chat secure! 🙌🔒