Securely Managing Secrets with Spring Vault

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" If you connect it to the Internet,

someone will try to hack it.

- Brian Kreb's

DYI Crypto: Promise vs Reality

Vault Features

- Secure Secret Storage
- Dynamic Secrets
- Data Encryption
- Leasing and Renewal
- Revocation

Demo - Hello Vault

Secret Backends

- AWS
- Cassandra
- Consul
- Cubbyhole
- Generic
- MongoDB
- MSSQL

- MySQL
- PKI (Certificates)
- PostgresSQL
- RabbitMQ
- SSH
- Transit
- Custom

Demo - MySQL Backend

Auth Backends

- ~~App ID~~
- AppRole
- AWS EC2
- GitHub
- LDAP

- MFA
- TLS Certificates
- Tokens
- Username / Password

Demo - Authentication