

### Security Cheat Sheet

Network Security	Identity Management
Access Management	Common Vulnerability

### Network Security

Network protocols	Encryption
Hashing	Digital Signature
Digital Certificates	Firewall

### Encryption

#### Symmetric Key (Single Key / Secret Key)

Symmetric Key (Single Key / Secret Key)	Asymmetric Key (Public - Private Key)
One key will be generated & used for both encryption & decryption	Server will generate Two keys; one key will be set as Public Key & Other will be Private key.

### Network Protocols

Hypertext Transfer Protocol Secure (HTTPS)	HTTPS
Secure File Transfer Protocol	SFTP
IMAP over SSL	IMAPS
Secure Post Office Protocol	POP3S
Secure Lightweight Directory Access Protocol	Secure LDAP

- ✓ **Secure Protocols** to be used for public resources.
- ✗ **Secure Protocols** are slower than **Non-Secure Protocols** due to additional security layers.

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