

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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