

110.3 - Securing data with encryption

Weight: 3

Description: The candidate should be able to use public key techniques to secure data and communication.

Key Knowledge Areas:

- Perform basic OpenSSH 2 client configuration and usage
- Understand the role of OpenSSH 2 server host keys
- Perform basic GnuPG configuration, usage and revocation
- Understand SSH port tunnels (including X11 tunnels)

Terms and Utilities:

- ssh
- ssh-keygen
- ssh-agent
- ssh-add
- `~/.ssh/id_rsa` and `id_rsa.pub`
- `~/.ssh/id_dsa` and `id_dsa.pub`
- `/etc/ssh/ssh_host_rsa_key` and `ssh_host_rsa_key.pub`
- `/etc/ssh/ssh_host_dsa_key` and `ssh_host_dsa_key.pub`
- `~/.ssh/authorized_keys`
- `ssh_known_hosts`
- gpg
- `~/.gnupg/`

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