



PhoneX cluster A



Key 01: andrew@phone-x.net

1. Fetch an unique half-key



Andrew

4. Upload encrypted file



2. Compute full key



3. Encrypt file with full key

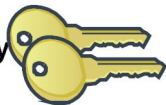
5. New file notification

6. Download encrypted file



Dave

7. Compute full key



8. Decrypt encrypted file

Key database: Dave



Key 01: andrew@phone-x.net



Key 02: andrew@phone-x.net



Key 03: andrew@phone-x.net



Key 04: andrew@phone-x.net



Key 05: andrew@phone-x.net

File database: Dave



File 01: key 01: andrew