

ssh suite

- [Introduction](#)
- [Installation](#)
- [Configuration](#)
 - [Individual user](#)
 - [~/.ssh/config](#)
 - [Server](#)
- [Problem analysis](#)
 - [Messages](#)
 - [fatal: no matching cipher found](#)
 - [PAM 5 more authentication failures; logname= ...](#)
 - [PAM service\(sshd\) ignoring max retries ...](#)
 - [User * not allowed because account is locked](#)
- [Reference](#)
 - [Files and directories](#)
 - [Documentation](#)

Introduction

TBC

Installation

Packages used by Blue Light:

- [ssh](#) (metapackage). Seen on ac001.blue; don't know if this is standard on all systems.

Configuration

Individual user

[ssh passwordless login](#)

[SSH Agent Forwarding](#)

[~/.ssh/config](#)

Standard start of file (proposed):

```
# User-specific ssh client configuration

# Documentation: ssh_config man page
# Default values (may be explicitly listed below for visibility):
# - Protocol 2 (important; many options are protocol-specific)
# - ServerAliveCountMax 3

Host *
    Compression yes
    Protocol 2
    SendEnv LANG LC_*
    ServerAliveInterval 15
    ServerAliveCountMax 3
```

Explanation of some of the recommended changes

- **Compression** yes enhances throughput, **as long as the CPU is not slow or overloaded**.

Server

[ssh server configuration](#)

Problem analysis

Messages

fatal: no matching cipher found

Beleive to be an attack. No action required.

PAM 5 more authentication failures; logname= ...

Has been fixed by the standard Blue Light `/etc/ssh/sshd_config` configuration line

```
UsePAM no
```

PAM service(sshd) ignoring max retries ...

Has been fixed by the standard Blue Light `/etc/ssh/sshd_config` configuration line

```
UsePAM no
```

User * not allowed because account is locked

Documented in [ssh passwordless login](#)

Reference

Files and directories

TBC

Documentation

TBC