

# ssh suite

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## 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

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