# How to enable Public key based authentication and Allow root login in SSHD

169 admin October 5, 2024 Features & Functionalities, Technical 10498

## Enabling Key-Based Authentication and Root Login in SSH

**Overview:** This guide outlines the steps to enable key-based authentication and allow root login in SSH for improved security and administrative access.

**Step 1:** Open the SSH configuration file using a text editor.

```
root@gateway:~# vi /etc/ssh/sshd_config
```

**Step 2:** Locate the **PubKeyAuthentication** and **PermitRootLogin** parameters in the configuration file.

**Step 3:** Set it to '**yes**'.

```
PubkeyAuthentication yes

PermitRootLogin yes
```

**Step 4.** Restart the ssh daemon so that the new settings come into effect.

```
root@gateway:~# service sshd restart
```

### Related Articles:

Configurations to be enabled in sshd configuration.
Why Key-Authorization is not working?
Add ssh public key for passwordless authentication.

Online URL: https://www.ezeelogin.com/kb/article/how-to-enable-public-key-based-authentication-and-allow-root-login-in-sshd-169.html