

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

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## 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->

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