

## email-based OTP for users in Jenkins

[ ] we need to install Plugin Email Extension Template and MFA/Two-Factor-Authentication(2FA) Version.

[ ] we must test our email.

E-mail Notification

SMTP server

smtp.gmail.com

Default user e-mail suffix

@gmail.com

Advanced  Edited

☒ Use SMTP Authentication ?

User Name

Kanchanagn123@gmail.com

Password

 Concealed [Change Password](#)

☒ Use SSL ?

☐ Use TLS

SMTP Port

465

Reply-To Address

kanchanagn123@gmail.com

Charset

UTF-8

☒ Test configuration by sending test e-mail






Test e-mail recipient

kanchanagn123@gmail.com

[Test configuration](#)

[ ] after installing plugins go to <> manage Jenkins <> security <> will get 2FA global configuration

### Security

- |   |   |
|---|---|
|  <b>Security</b><br>Secure Jenkins; define who is allowed to access/use the system.          |  <b>Credentials</b><br>Configure credentials                                 |
|  <b>Credential Providers</b><br>Configure the credential providers and types                 |  <b>Users</b><br>Create/delete/modify users that can log in to this Jenkins. |
|  <b>2FA Global Configurations</b><br>Configure two factor settings for your jenkins instance |   |

[ ] Go to 2FA global configurations <> select enable 2FA for all users <> select OTP over email (mention which email we gave while installing Jenkins)

Unlock your premium trial!

[Click here](#)

#### Two Factor-Authentication Global configurations

☒ Enable 2FA for all users ?

OR

Enter groups names to enable 2FA ?

Available in premium version

#### Enable 2FA authentication methods for users

☐ Security questions

☒ OTP over email

Enter sender email address ?

Kanchanagm123@gmail.com

[ ] go to manage Jenkins <> security <> users <> create users <> give user email ID, when users trying to login user will get OTP in that email

## Create User

Username

kanchana

Password

.....

Confirm password

.....

Full name

kanchana

E-mail address

Kanchanagm123@gmail.com |

Create User

If we don't know the which email ID, we mentioned while installing Jenkins

[ ] go to server

cd /var/lib/jenkins/users

cd jenkins\_14431852245476605112 (this may vary)

vi config.xml

edite the email name.

```
</hudson.plugins.emailext.watching.EmailExtWatchAction_-UserProperty>
<hudson.model.MyViewsProperty>
  <views>
    <hudson.model.AllView>
      <owner class="hudson.model.MyViewsProperty" reference="../../../../" />
      <name>all</name>
      <filterExecutors>false</filterExecutors>
      <filterQueue>false</filterQueue>
      <properties class="hudson.model.View$PropertyList" />
    </hudson.model.AllView>
  </views>
</hudson.model.MyViewsProperty>
<org.jenkinsci.plugins.displayurlapi.user.PreferredProviderUserProperty plugin="display-url-api@2.209.v582ed814ff2f">
  <providerId>default</providerId>
</org.jenkinsci.plugins.displayurlapi.user.PreferredProviderUserProperty>
<hudson.model.PaneStatusProperties>
  <collapsed/>
</hudson.model.PaneStatusProperties>
<jenkins.security.seed.UserSeedProperty>
  <seed>d68544023f231dd4</seed>
</jenkins.security.seed.UserSeedProperty>
<hudson.search.UserSearchProperty>
  <insensitiveSearch>true</insensitiveSearch>
</hudson.search.UserSearchProperty>
<io.jenkins.plugins.thememanager.ThemeUserProperty plugin="theme-manager@294.vf2c2fd783821" />
<hudson.model.TimeZoneProperty/>
<jenkins.model.experimentalFlags.UserExperimentalFlagsProperty>
  <flags/>
</jenkins.model.experimentalFlags.UserExperimentalFlagsProperty>
<hudson.security.HudsonPrivateSecurityRealm_-Details>
  <passwordHash>#bcrypt:$2a$10$P4QX7m64z5fJwy25/BCmK00zY0pqFwCb7uU4z7BUqGMxUk8vjB4R2</passwordHash>
</hudson.security.HudsonPrivateSecurityRealm_-Details>
<hudson.tasks.Mailer_-UserProperty plugin="mailer@489.vd4b_25144138f">
  <emailAddress>Kanchanagm123@gmail.com</emailAddress>
</hudson.tasks.Mailer_-UserProperty>
<jenkins.security.ApiTokenProperty>
  <tokenStore>
    <tokenList/>
  </tokenStore>
</jenkins.security.ApiTokenProperty>
fig.xml" [noeol] 77L, 4298B
```

47,43

34%