email-based OTP for users in Jenkins

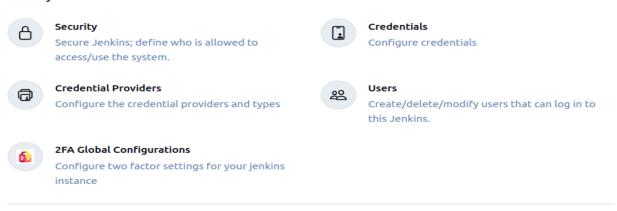
[] we need to install Plugin Email Extension Template and MFA/Two-Factor-Authentication(2FA) Version.

[] we must test our email.

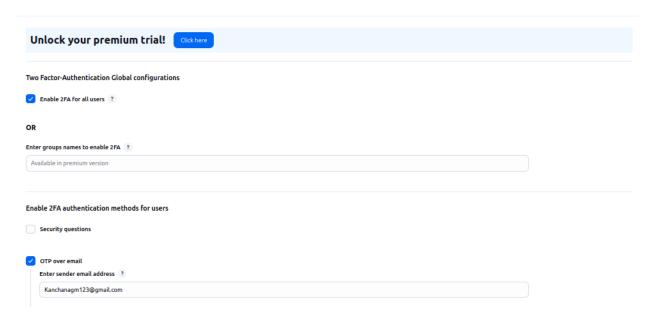


[] after installing plugins go to <> manage Jenkins <> security <> will get 2FA global configuration

Security



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



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

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>
       <name>all</name>
       <filterExecutors>false</filterExecutors>
       <filterQueue>false</filterQueue>
     /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>
<inson*:search.rosersearchroperty>
</nudson.search.UsersearchProperty>
<io.jenkins.plugins.thememanager.ThemeUserProperty plugin="theme-manager@294.vf2c2fd783821"/>
<hudson.model.TimeZoneProperty/>
<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>#jbcrypt:$2a$10$P4QX7m64zSfJwy25/BCmK00zYOpqFwCb7uU4z7BUqGMxUk8vjB4R2</passwordHash>
</hudson.security.HudsonPrivateSecurityRealm_-Details>
<hudson.tasks.Mailer_-UserProperty plugin="m
                                             com</emailAddress>
<emailAddress>Kanchanagm123@gmail./hudson.tasks.Mailer_-UserProperty><jenkins.security.ApiTokenProperty>
  <tokenStore>
    <tokenList/>
  </tokenStore
fig.xml" [noeol] 77L, 4298B
```