Troubleshooting

Common Issues

Gathering diagnostic information

Cf troubleshooting commands

SSH into applications

Cf push timesout

Error : 504 bad gateway, error uploading application

- Check network speed from client to CF
- If large number of files keep repushing
- Increase CF_STAGING_TIMEOUT and CF_STARTUP_TIMEOUT

Application too large

Error : 413 request entitity too large, exceeded org memory limit

- Check organization quota and ask org manager to increase it
- Total size of app should be 1GB while uploading. Use .cfignore file to ignore files to push

Unable to detect buildpack

- Check the detection criteria for the buildpack of the type of application you are pushing.
- Buildpacks check for certain conventions and apps must adhere to it to be detected.

App deployment fails

- Service not found for the application to bind to.
- Route not available as requested by application. Applications require unique URL

Application consumes too much memory

- Make sure the application consumes memory within the bounds of what is given to the application
- Tweak JVM sizes if needed

Diagnosing CF push

Set CF_TRACE env variable to a log file

This will show Cloud Controller API calls and give a hint to what is failing

Also check the the application recent logs by executing "cf logs <app> --recent"