

# Perform 2018 Mobile Performance Management for Native Mobile Applications

Hands-on Training Instructions

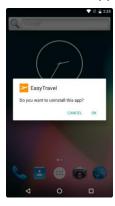
Bonus – Connect the Android App to Dynatrace AppMon





# Preparation – Uninstall the easyTravel app

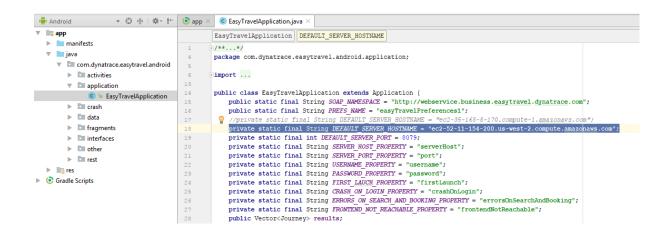
Uninstall the app in your emulator to ensure that it will start up with the new settings, the next time it is started.



# Connect the app to the AppMon environment

1. Find the EasyTravelApplication class in Android Studio and change the DEFAULT\_SERVER\_HOSTNAME constant to the easyTravel that is connected to our AppMon instance.

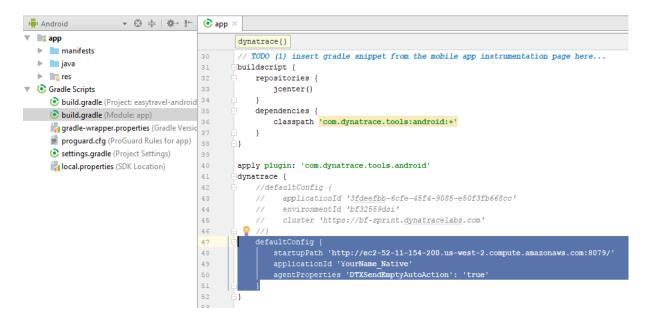
DEFAULT\_SERVER\_HOSTNAME = "ec2-52-11-154-200.us-west-2.compute.amazonaws.com"





2. Open the app module's build.gradle file and change the default config of the dynatrace plugin:

```
defaultConfig {
    startupPath 'http://ec2-52-11-154-200.us-west-2.compute.amazonaws.com:8079/'
    applicationId 'YourName_Native'
    agentProperties 'DTXSendEmptyAutoAction': 'true'
}
```

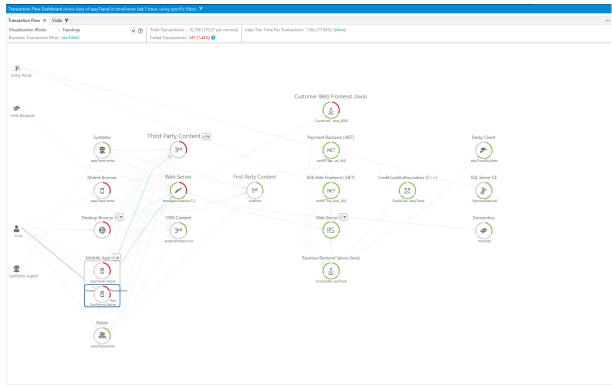


3. Run the app. Log in, book a travel, generate a crash, etc...

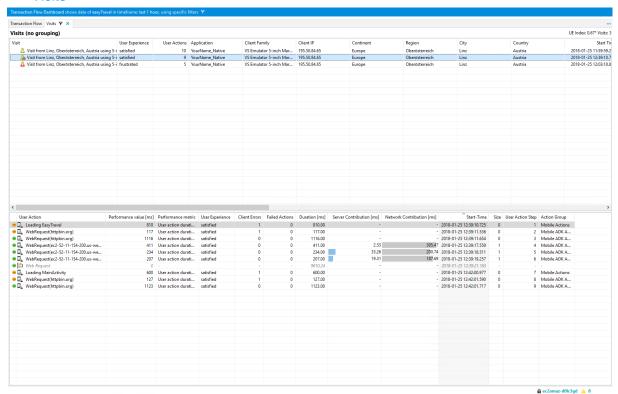


# Analyze the data in AppMon client

# Transaction flow

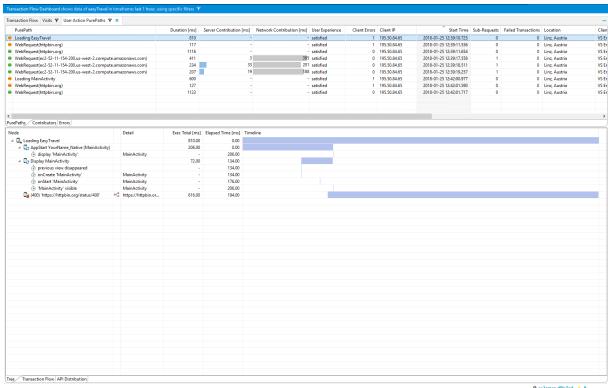


# **Visits**



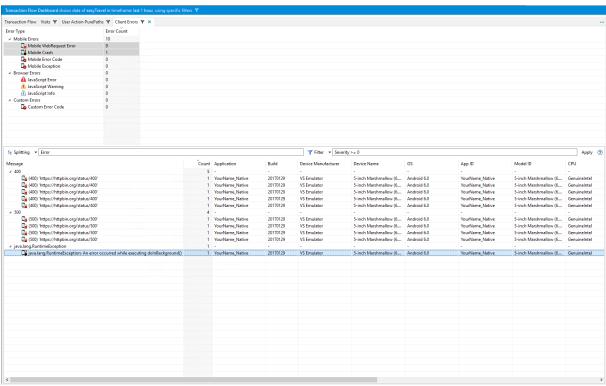


# User action details



ec2amaz-d0lc3gd 🛕

# Client errors



♠ ec2amaz-d0lc3gd ▲



# Crashes

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Mobile Crash Details	
Basic Crash Information:	1/2 🖚  java.lang.RuntimeException: An error occurred while executing doinBackground() at android.os.AsyncTask33.done(AsyncTaskjava:309) at java.util.concurrent.FutureTask.finishf.completion(FutureTask,java:254) at java.util.concurrent.FutureTask.thio.Completion(FutureTask,java:223) at java.util.concurrent.FutureTask.thio.FutureTask,java:223) at java.util.concurrent.FutureTask.thio.FutureTask.java:223) at java.util.concurrent.ThreadPoolExecutor\$1.run(AsyncTask,java:234) at java.util.concurrent.ThreadPoolExecutor\$1.run(FuteradPoolExecutor,java:1 java.util.concurrent.ThreadPoolExecutor\$0.futureTask.java:234) at java.util.concurrent.ThreadPoolExecutor\$0.futureTask.java:238 at java.lang.Thread.futureTask.java:238 at java.lang.Thread.futureTask.java:2818) at java.lang.AuntimeException: Intentionally triggered crash! ID: 13 at cs.j(SourceFile:30) at cs.h(SourceFile:30) at cs.f(SourceFile:30) at cs.f(SourceFile:31) at cs.d(SourceFile:23) at cs.d(SourceFile:23) at cs.a(SourceFile:23) at cs.a(SourceFile:23) at cs.a(SourceFile:23) at cs.a(SourceFile:24) at com.dynatrace.easytravel.android.fragments.UserFragment\$a.a(SourceFile:106) at