Lab 5: Application Logs

Description: This lab reviews the unique approach Platform as a Service (PaaS) brings to application logs. A major benefit of PaaS is aggregation of log output. In this lab we’ll review the logs of our previously deployed application.

1. Let’s start with the very common practice of tailing a log. The output of this command shows log entries aggregated into stream. A quick review of the different [log entries](http://docs.gopivotal.com/pivotalcf/devguide/deploy-apps/streaming-logs.html) and the content of each message

2014-06-20T14:24:30.47-0600 [RTR] OUT pcfdemo.cfdemo7.fe.gopivotal.com - [20/06/2014:20:24:30 +0000] "GET /getData?state=undefined HTTP/1.1" 200 3 "http://pcfdemo.cfdemo7.fe.gopivotal.com/" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10.9; rv:29.0) Gecko/20100101 Firefox/29.0" 10.68.44.149:43352 vcap\_request\_id:d4edb810d711674e921dacc55d6599a0 response\_time:0.002788583 app\_id:17485ce1-da13-4f2a-b686-f86b894cb4e3

*cf logs map-userX*

1. Many times we are just interested in the latest log entries, we can issue this command to narrow our review

*cf logs map-userX --recent*

1. A simple way to filter the log entries. If you don’t see any output then the only entries must be RTR – Router enteries.

*cf logs map-userX | grep –v RTR*