



Open Cloud Testbed
Exploring Next-Generation Cloud Platforms

Open Cloud Testbed Tutorial: Using FPGAs in OCT

March 8th, 2 PM - 4 PM EST
Online via Zoom

The OCT team is offering a tutorial on the usage of the FPGAs that are currently available in the testbed.

The tutorial will cover the following topics:

- Overview of FPGAs in OCT
- Overview of the development workflow on MOC
- Walk through the creation of a bitstream on a pre-packaged VM in MOC
- Allocation of a compute resource that hosts an FPGA via the CloudLab framework
- Walk through the steps of executing this bitstream on an FPGA
- Demonstration of an application using networked FPGAs
- Q&A

Please contact s.handagala@northeastern.edu if you would like to register for the workshop or if you have any questions.

We are looking forward to seeing you on March 8th.

The OCT team!

<https://octestbed.org/>