

# Selenium Infrastructure – local to Docker lecture

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**Workshop length:** Two full hours

**Course goals:** In this lecture we will cover the process and advantages of moving from local test execution to remote execution based on selenium grid capabilities combined with Docker. We will also examine Selenoid - a free grid alternative that provides important capabilities to our infrastructure such as dynamic container management, mp4 test recording, live VNC control and more.

**Target audience:** Manual QA personal, and automation engineers. No background in programming is required.

## Curriculum:

- Selenium quick overview
- Running tests locally
- Using selenium grid
- Running tests on remote VMs
- Introduction to Docker
- Docker Vs. regular VM machine
- Running Selenium on Docker
- Docker swarm
- Selenoid Vs. original Selenium grid

# Good luck!

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