Prerequisites - Ramping up Modern Performance

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Introduction

Please follow this document and complete all the listed activities to get you prepared for the cypress workshop.

Software Installation

✏️ Please download and install your OS-specific files.

Jenkins → https://www.jenkins.io/download/

k6 → https://k6.io/docs/getting-started/installation/

JMeter → https://jmeter.apache.org/download_jmeter.cgi

influxDB→ https://docs.influxdata.com/influxdb/v1.8/introduction/download/

Grafana → https://grafana.com/grafana/download

Background Knowledge

Must-Have

Basic understanding of javascript or typescript language

Understanding of Jenkins structure and jobs

Service automation or understanding of the service tier

Good to have

Grafana knowledge or any other dashboarding tool

Can 📖 https://grafana.com/docs/

Some automation experience in any language using any library

Understanding of influxDB

Can https://docs.influxdata.com/influxdb/v1.8/concepts/

k6 and JMeter knowledge

Can 📖 https://k6.io/docs/

Can 📖 https://jmeter.apache.org/usermanual/index.html