



# Certified Kubernetes Administrator Prep

End-to-End Testing & Validation

# End-to-End Testing & Validation

- Provide a mechanism to test end-to-end behavior of the system
- Last signal to ensure end user operations match specifications
- Primarily a developer tool
- Difficult to run against just “any” deployment -- many specific tests for cloud providers
  - Ubuntu has its own Juju-deployed tests
  - GCE Has its own
  - Many tests offered



# Kubetest Suite

- Ideal for GCE or AWS users
- Build
- Stage
- Extract
- Bring up the cluster
- Test
- Dump logs
- Tear down



# Conclusion

- e2e validation is primarily for developers creating new code
- Kubetest is a testing suite for Kubernetes e2e testing

