During the testing process, delivery is often challenged by the fact that different development teams move at different velocities. For example, a mobile team might be able to release reliably every day. However, a middleware team might release on a weekly basis, and a mainframe team may need a month or more to make a release.

This problem could create a bottleneck if the goal is continuous delivery, even with automated testing.

HCL OneTest Virtualization simulates missing system components to enable faster development and testing. It listens for network traffic in the same fashion as the real service, allowing development and testing activities to continue when the real service is unavailable.

Additionally, it checks for incoming messages, processes those messages, and responds according to the behavior described.

HCL OneTest Virtualization can be deployed without having to reconfigure the original environment – saving time and avoiding errors.

**Capabilities**

- Validates Customer
- Validates Subscription
- Checks Customer Profile
- Provides Virtual Billing
Capabilities

- Provides a Wide Variety of Protocol and Message Format Support
  Mixes and matches all formats as needed

- Generates Accelerators for Understanding the System Under Test
  Observes system traffic or extracts information held within systems

- Creates Performance Profiles
  Uses APM data to provide more realistic response times in virtual services

- Supports Virtualizing Systems
  Removes the need to reconfigure environments when adding or removing virtual services

- Provides Sift and Pass-through Capabilities
  Handles specified scenarios with virtual services, while allowing other scenarios to use the live system

- Features Multiple Construction Options
  Allows creation of virtual services via simple record and playback, data driven, ECMA Script, and/or complex data models.

Benefits

- Reduces Dependencies
  Teams work simultaneously, while reducing internal and external dependencies

- Reduces Cost
  Reduces infrastructure costs and operating expenses

- Improves Quality
  Enables teams to start testing earlier to find problems sooner

- Reduces Time to Market
  Teams work in parallel to increase productivity