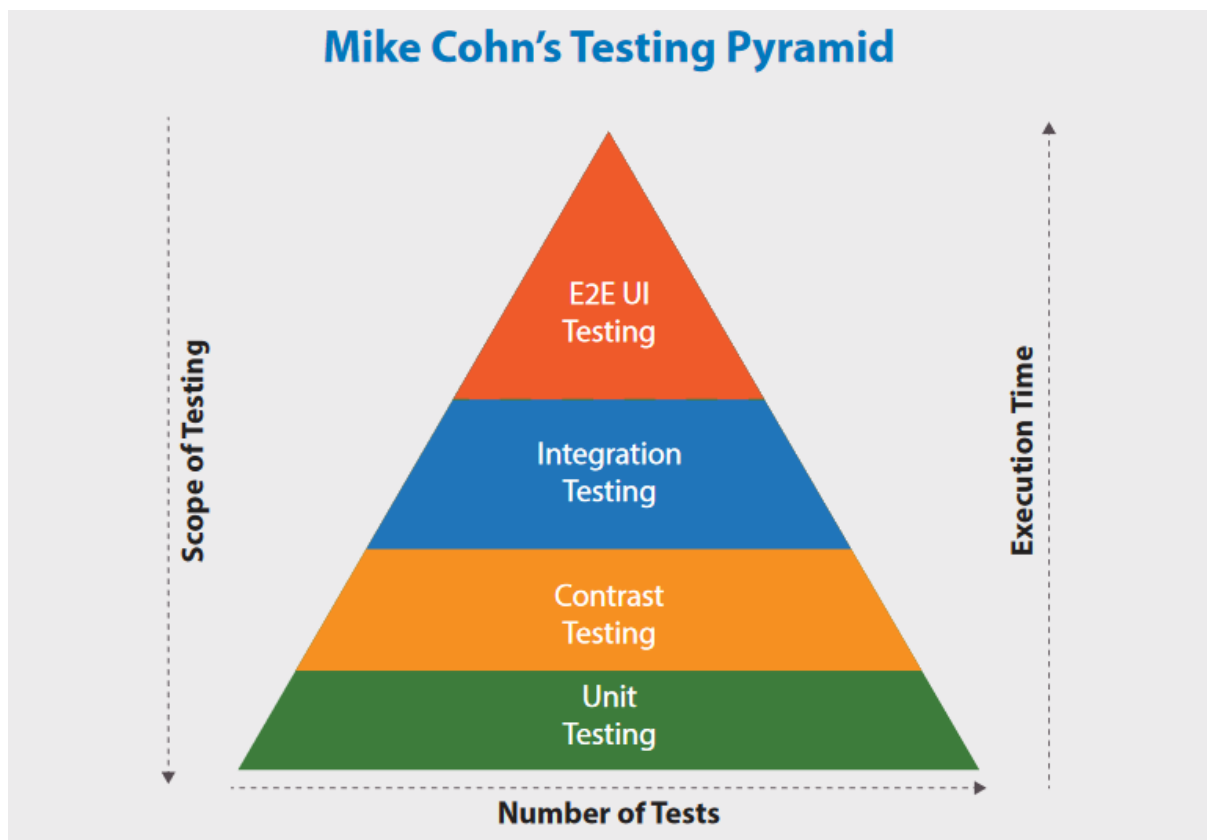


Microservices – Testing Strategies

A combination of testing methods along with tools and frameworks that can provide support at every layer of testing is key for Microservice testing.

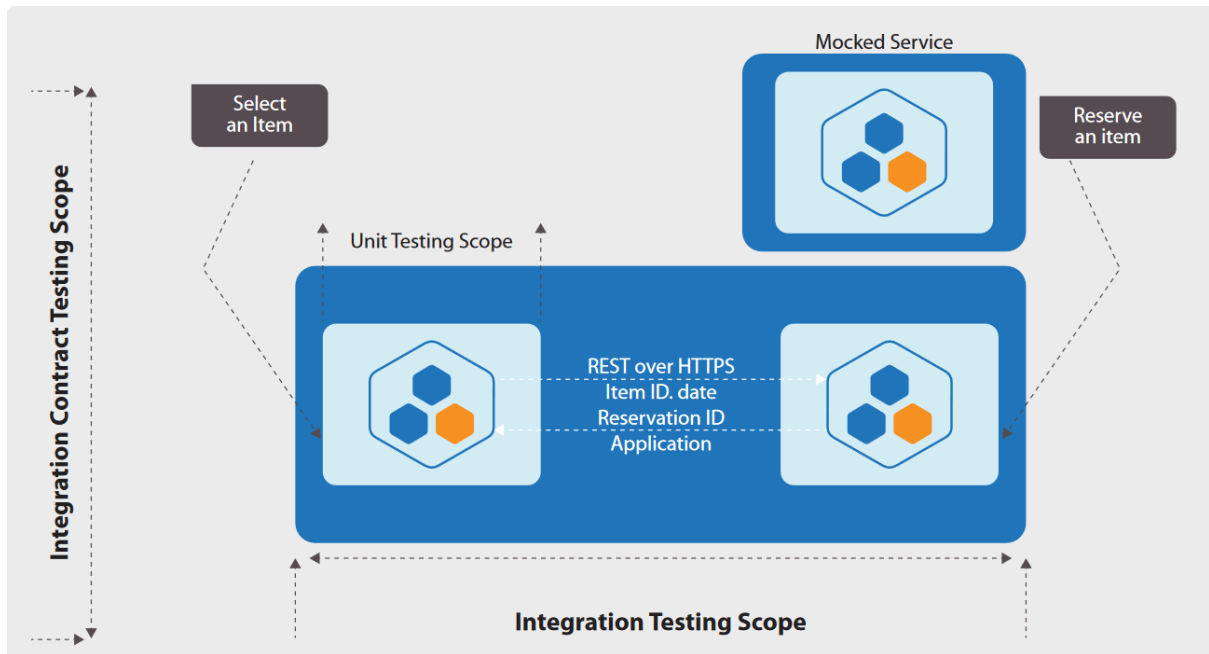
Furthermore, there should be a clear consensus on the test strategy and approach to testing. A consumer-driven contract approach is suggested as it is a better way to mitigate risk when services are exposed to an assorted and disparate set of consumers and as it further helps the provider in dealing with changes without impacting the consumer. Ensuring that the required amount of testing is focused at the correct time, with the most suitable tools, would ensure that organizations are able to deal with testing in such an environment and meet the demands of the customer.

Approach to testing microservices and testing phases



Scenario 1:

Testing between microservices internal to an application or residing within the same application.



Scenario 2:

Testing between internal microservices and a third-party service.

