

Designing the API Specification



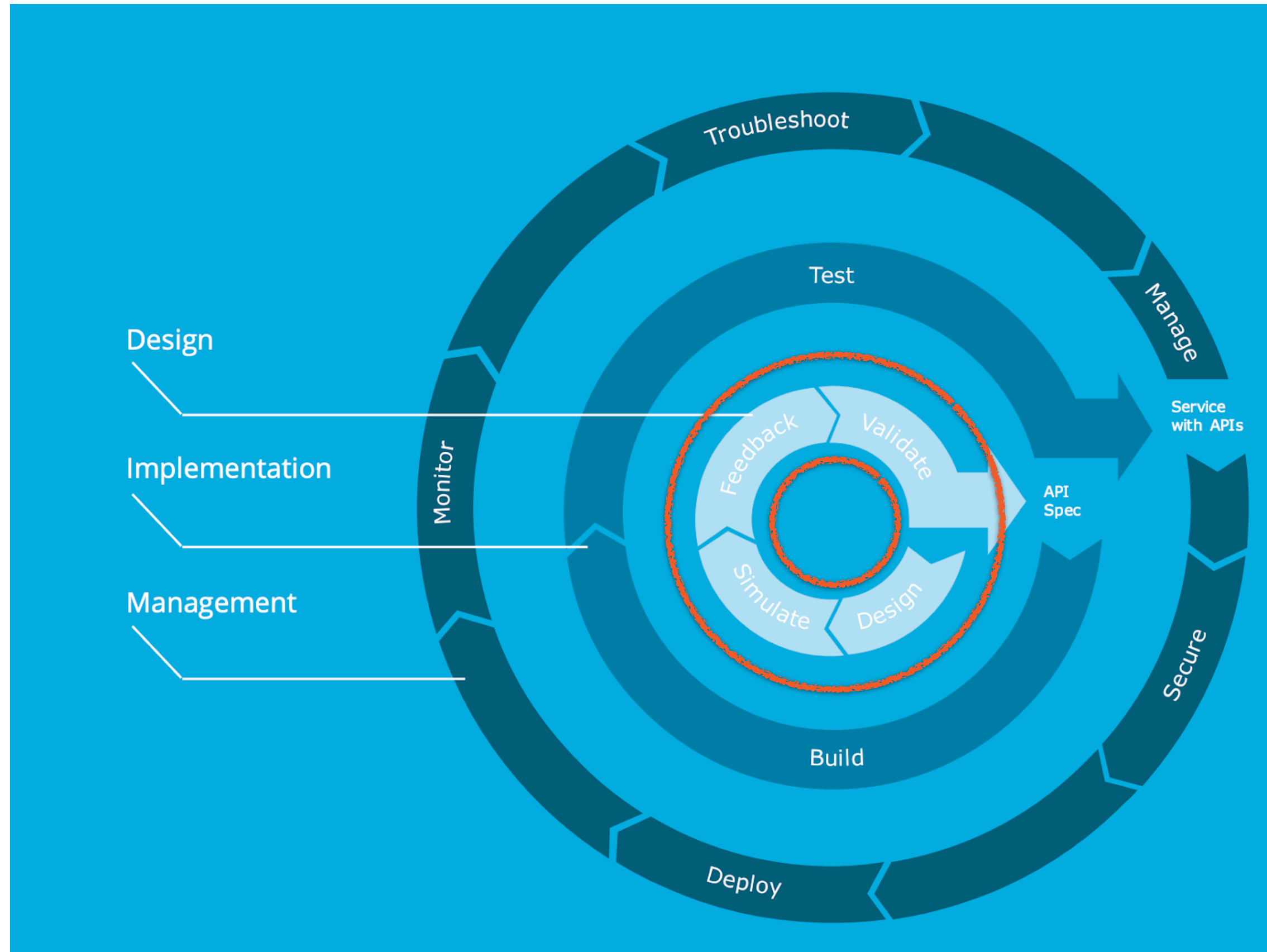
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The API Lifecycle: Design

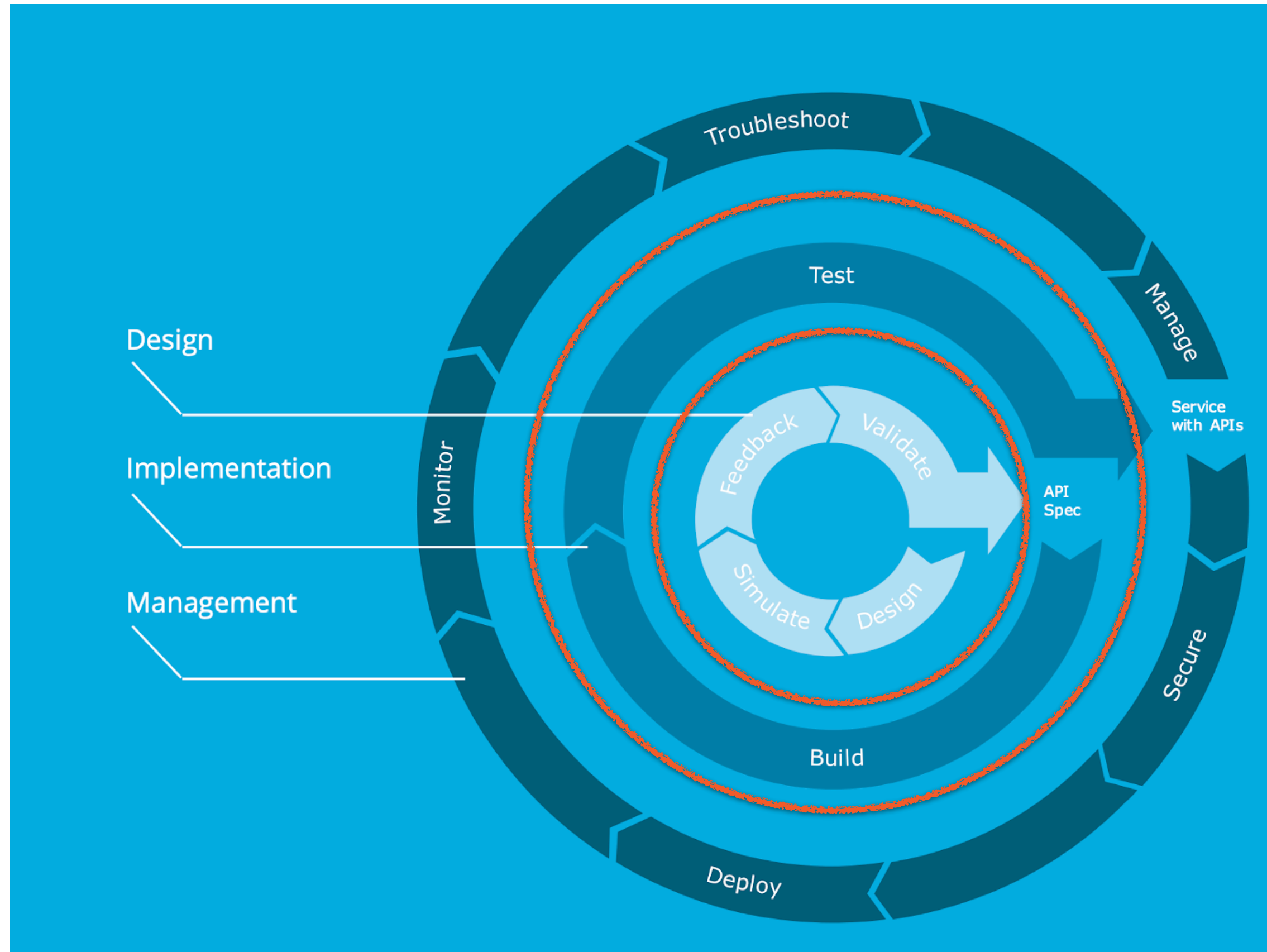


Design in RAML

Test without implementing

We are going to use Design Center and Exchange

The API Lifecycle: Implementation

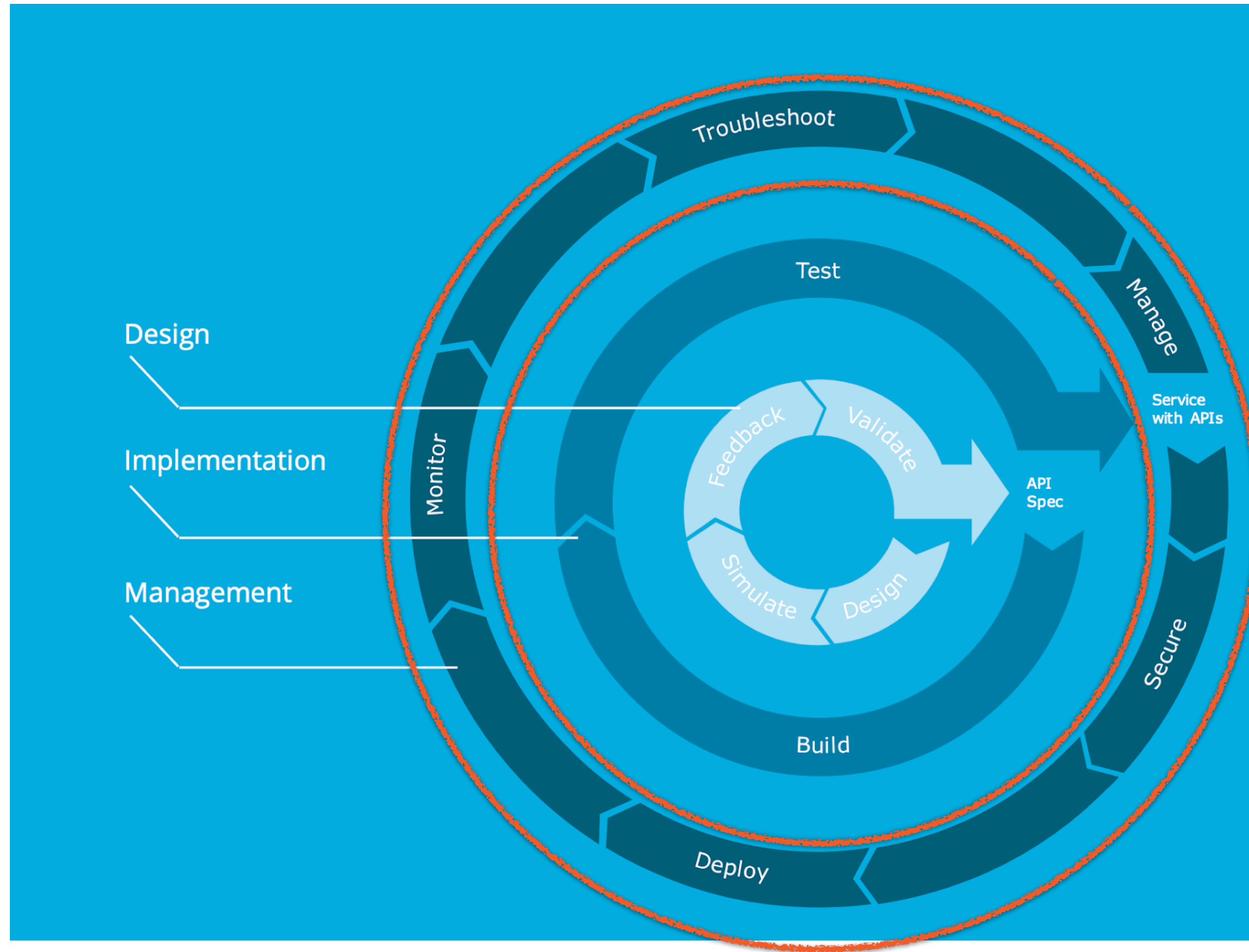


Systematic approach for easy integration

Test thoughtfully

We are going to use Anypoint Studio and Unit

The API Lifecycle: Deploy And Management



**In Mulesoft 4: The Big Picture
we revisited deployment
options**

**We will deploy to Cloudfoundry
(Mulesoft's PaaS)**

Demo

Creating an account

Demo

Looking into an Example API in RAML

Demo

Design the Flights API

Takeaways



An API has a Design, Implement and Monitor phase in its lifecycle



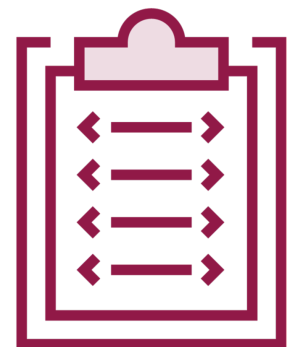
We can design the API in Design Center using RAML



Once designed, we can test and validate our API with the Mocking Service



Publish it to Exchange for discoverability



Inside Exchange we can set up the API portal

Keys



Practice doing the exercises I have been giving you along the module



Recall that indentation is key for RAML to define the correct resource



Try to add a video and documentation into the API portal of our API published in Exchange

Up Next:

Implementing the API in Anypoint Studio
