Cyber Simulator Showcase

CERT Cybersecurity Workforce Development

Part 5 of 6: TopoMojo

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03 JUN 2019

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TopoMojo

Simple Lab Builder and Player

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Motivation

“Hands on!”

Essential for building experience – especially in the cyber domain.

Completes the “hear, see, do” learning cycle.

But it’s tough to deliver!

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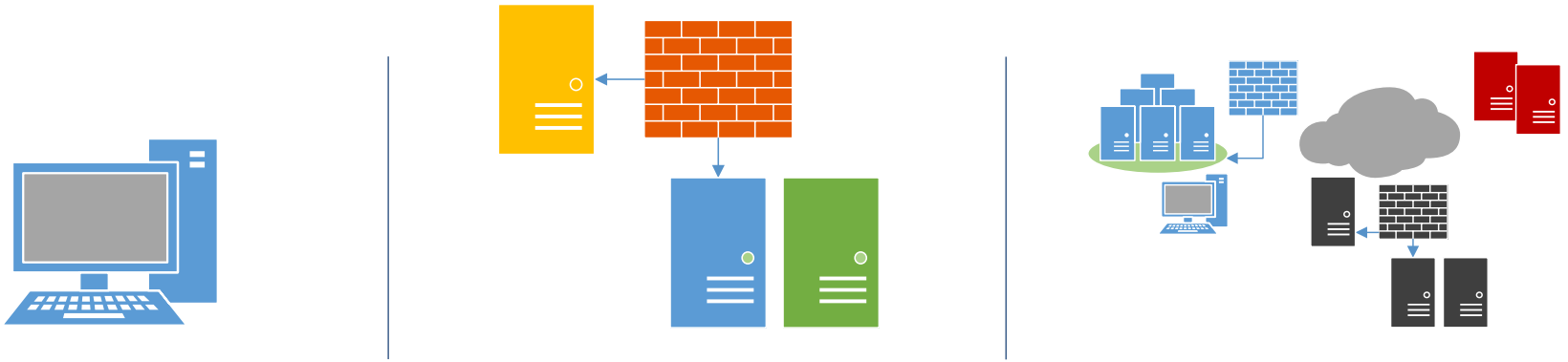
Approach

Make hands-on cyber content *convenient*.

On a spectrum of scale.

Provide organizations an app to use on internal / lab networks.



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Features

Consume content.

Create content.

Collaboration

ISO upload

Document editor

Resource limits

Management Dashboard

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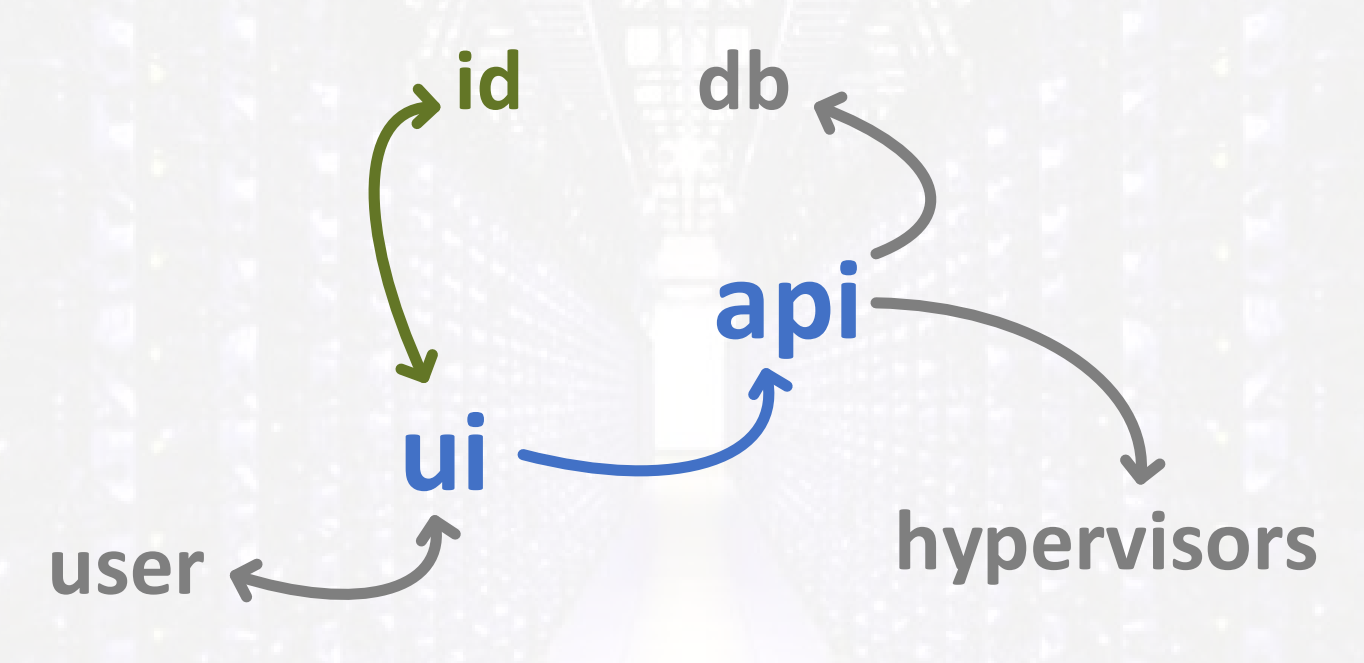
Architecture



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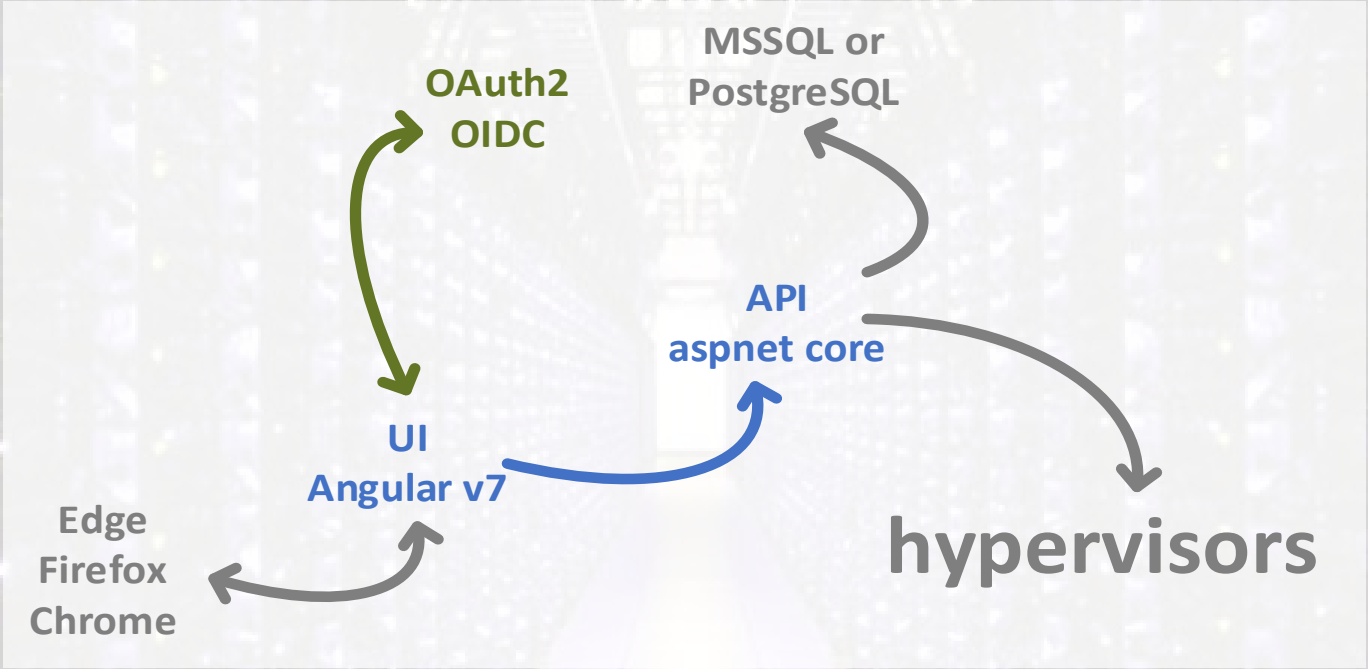
Architecture



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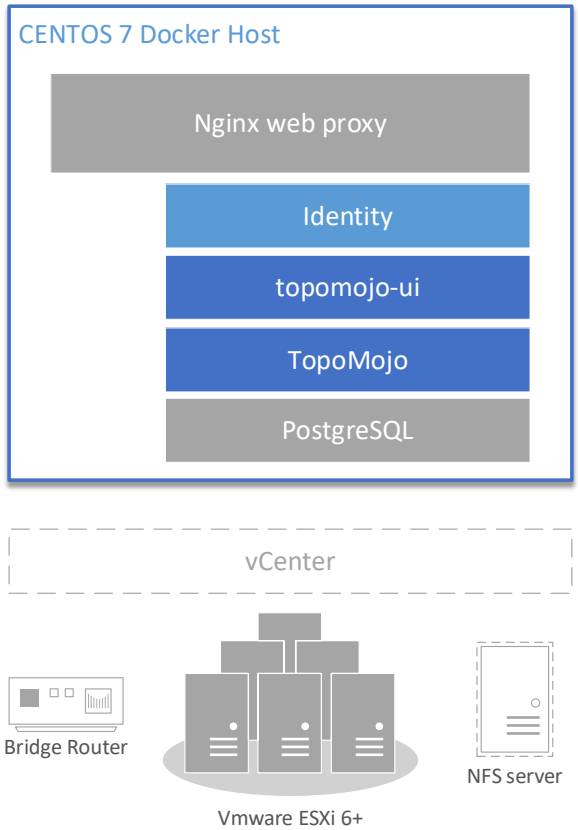
Appliance



Lightweight virtual machine

CENTOS 7 minimal with Docker

Configured with docker-compose.yml

Docker images embedded

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Resources

- Virtual appliance
- GitHub source code
- Docker Hub images

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Questions ?

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