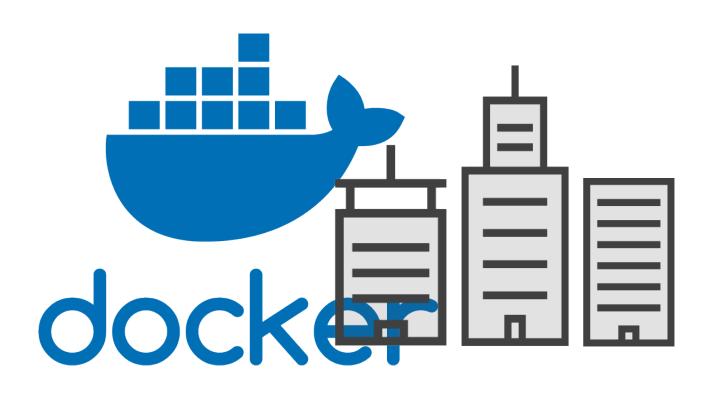
Enterprise Tooling



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Stream 2



Stream 2

Stream 1



Stream 1

Show some enterprise-grade value-add products

Stream 2

Cover some DCA exam objectives



Stream 1

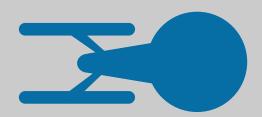
Show some enterprise-grade value-add products

Stream 2

Cover some DCA exam objectives



Module Outline



Big Picture

Docker Universal Control Plane (UCP)

Docker Trusted Registry (DTR)

RBAC

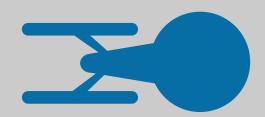
Image Scanning

Load Balancing

Recap



Module Outline



Big Picture

Docker Universal Control Plane (UCP)

Docker Trusted Registry (DTR)

RBAC

Image Scanning

Load Balancing

Recap





Domain 2: Image Creation, Management, and Registry

- Deploy a Registry
- Configure a Registry
- Login to a registry
- Push an image to a registry

Domain 3: Installation and Configuration

 Consistently repeat steps to deploy Docker engine, UCP, and DTR on AWS and on premises in an HA config

Domain 4: Networking

 Use Docker to load balance HTTP/HTTPs traffic to an application (Configure L7 load balancing with Docker EE)

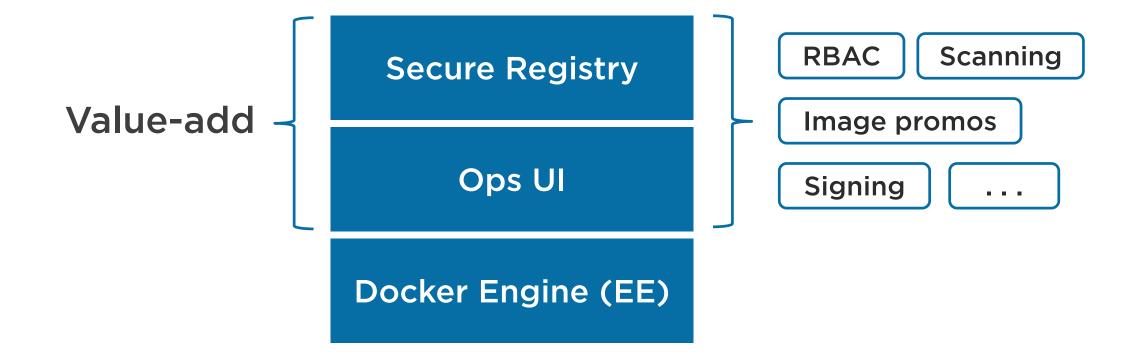
Domain 5: Security

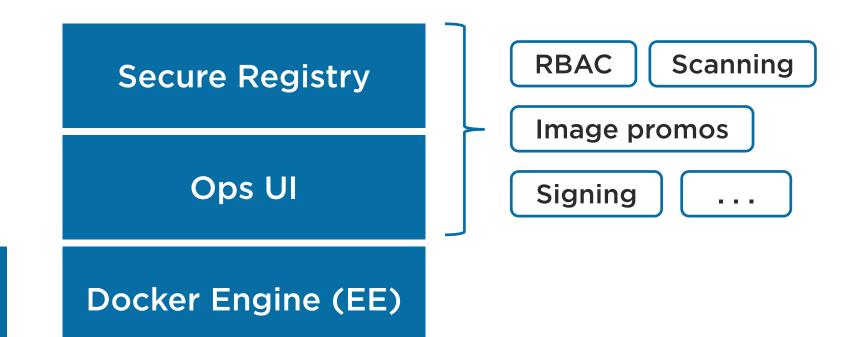
- Demonstrate that an image passes a security scan
- Configure RBAC in UCP
- Describe the difference between UCP workers and managers



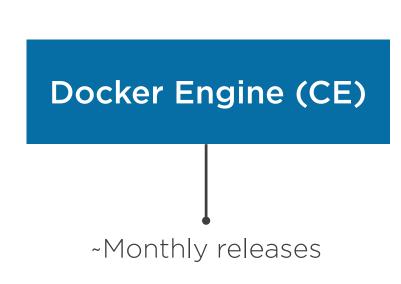
Docker Enterprise Edition (EE)

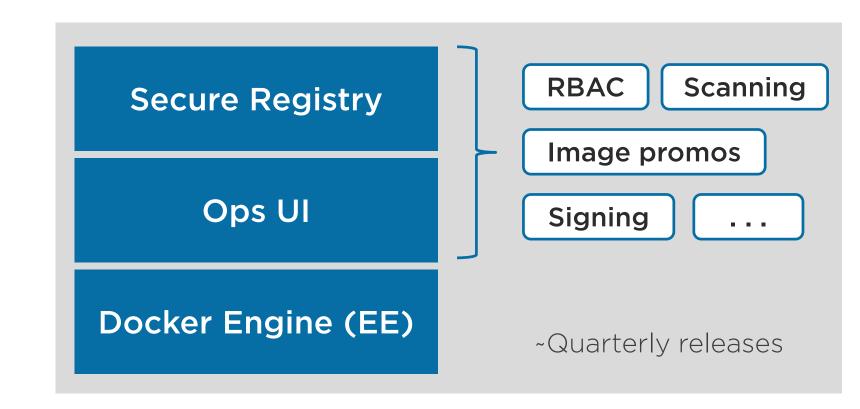




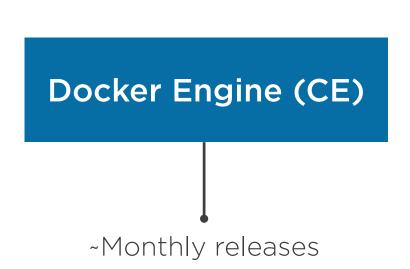


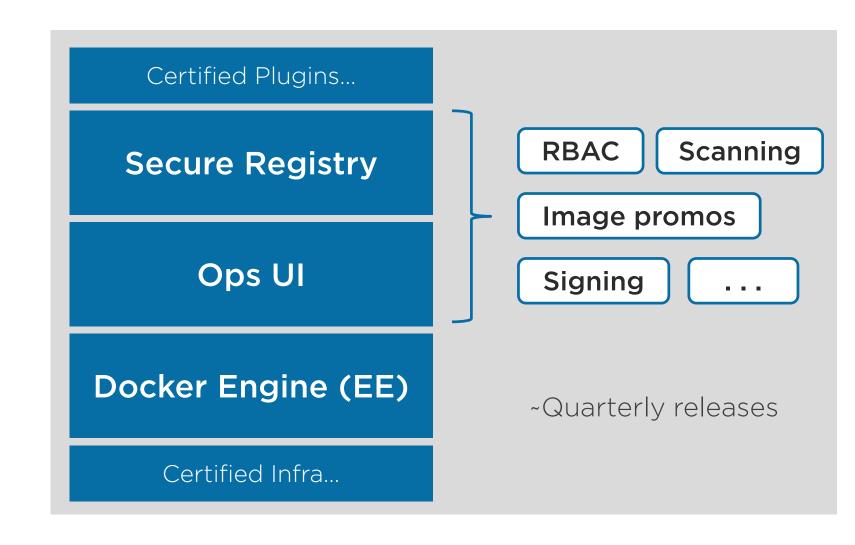
Docker Engine (CE)









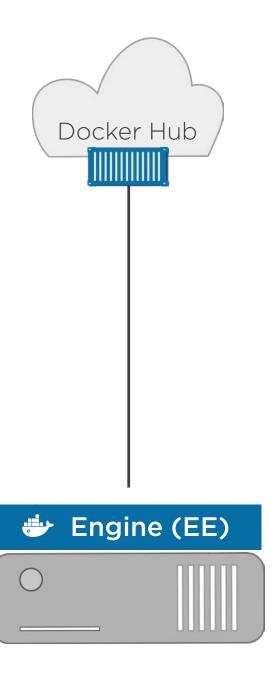




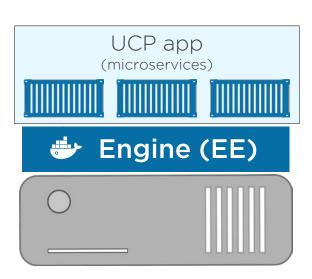
Universal Control Plane (UCP)

The Operations GUI from Docker, Inc.

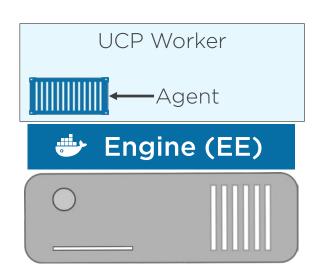


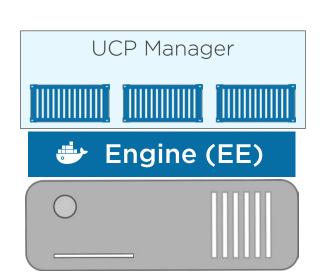


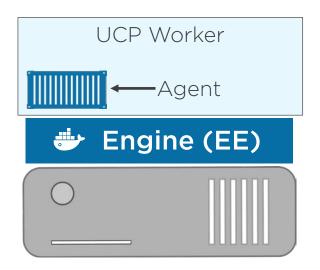




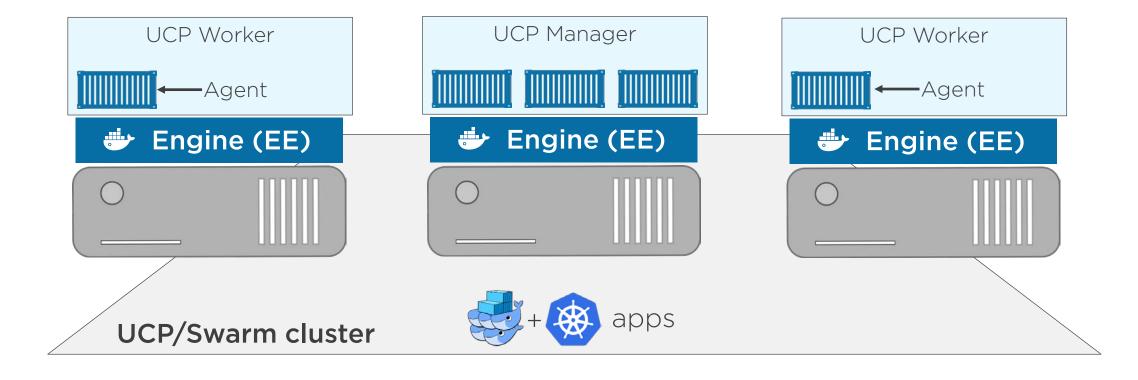


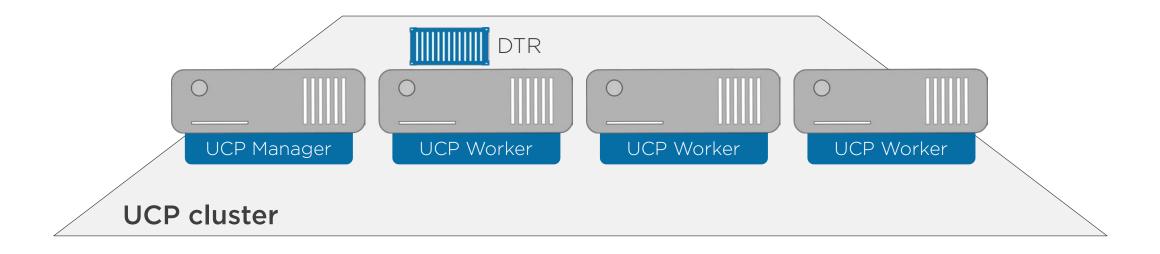








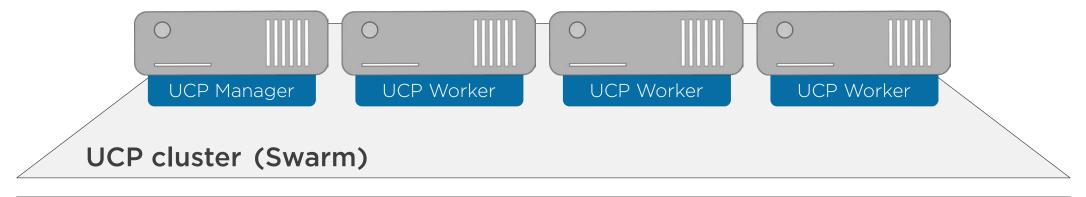




Docker Trusted Registry

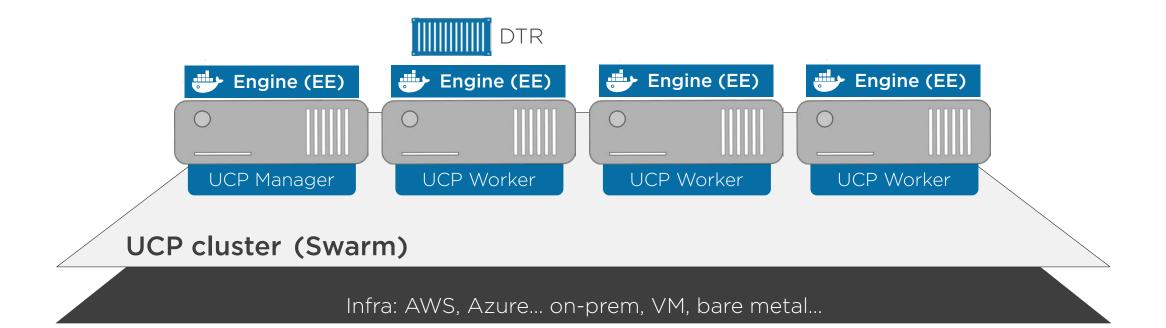
Securely yours





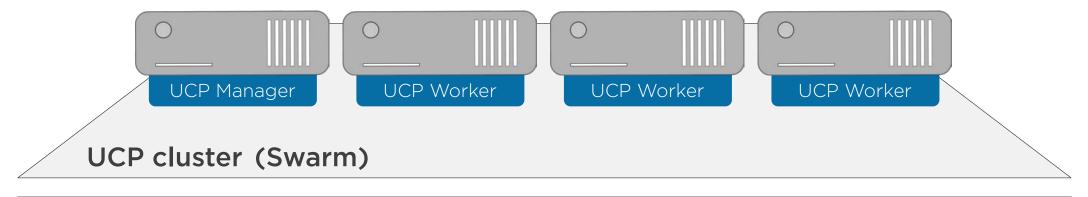
Infrastructure: On-premises, cloud...





Recap In case you've forgotten





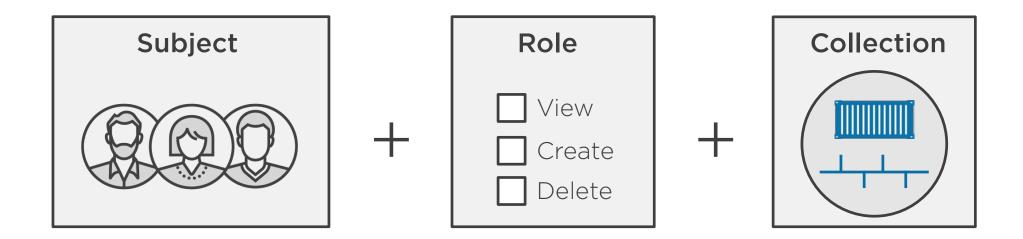
Infrastructure: On-premises, Cloud...







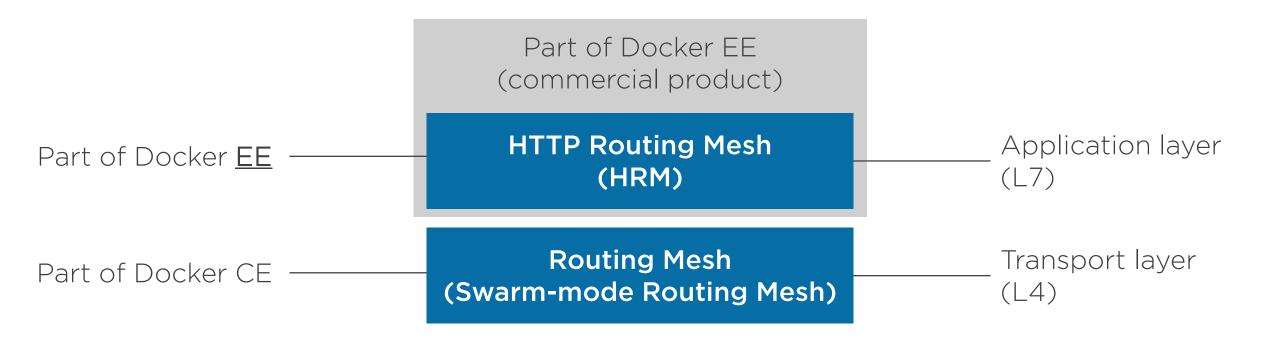


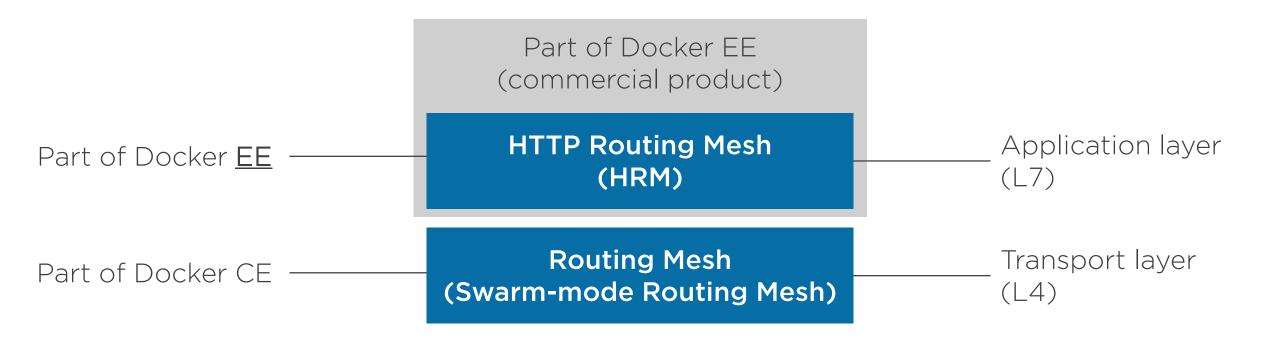


HTTP Routing Mesh (HRM)

A bit of application inteligence





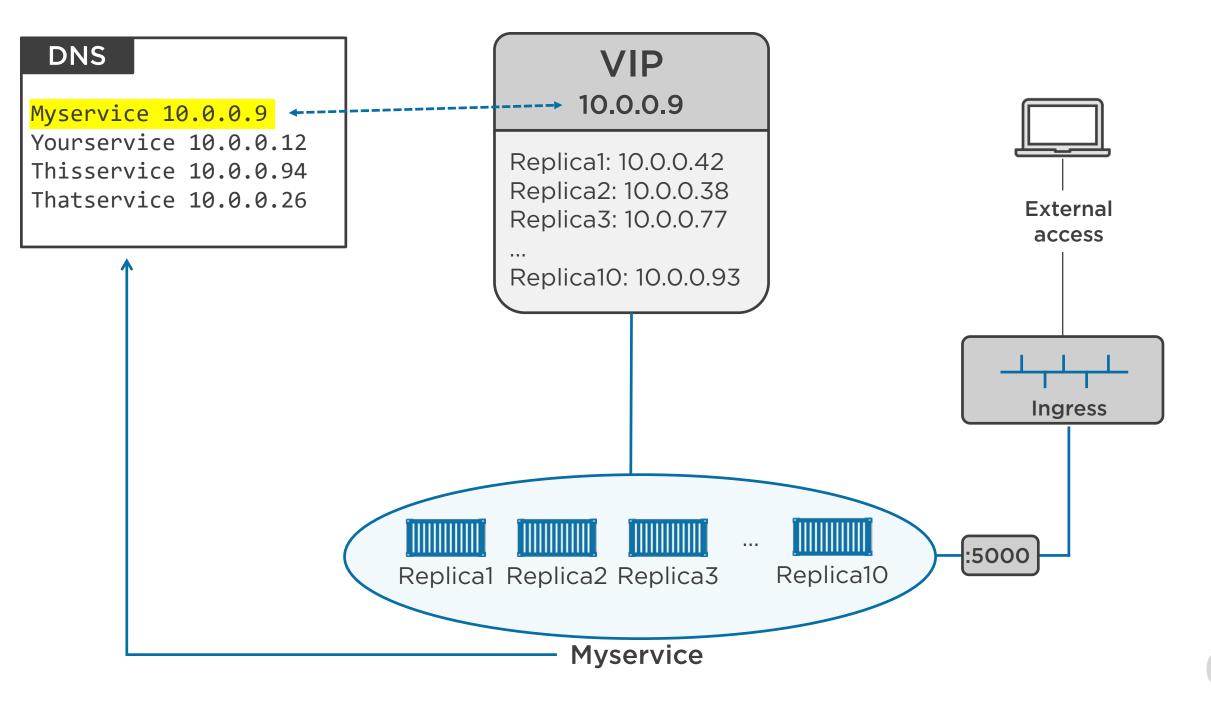


VIP

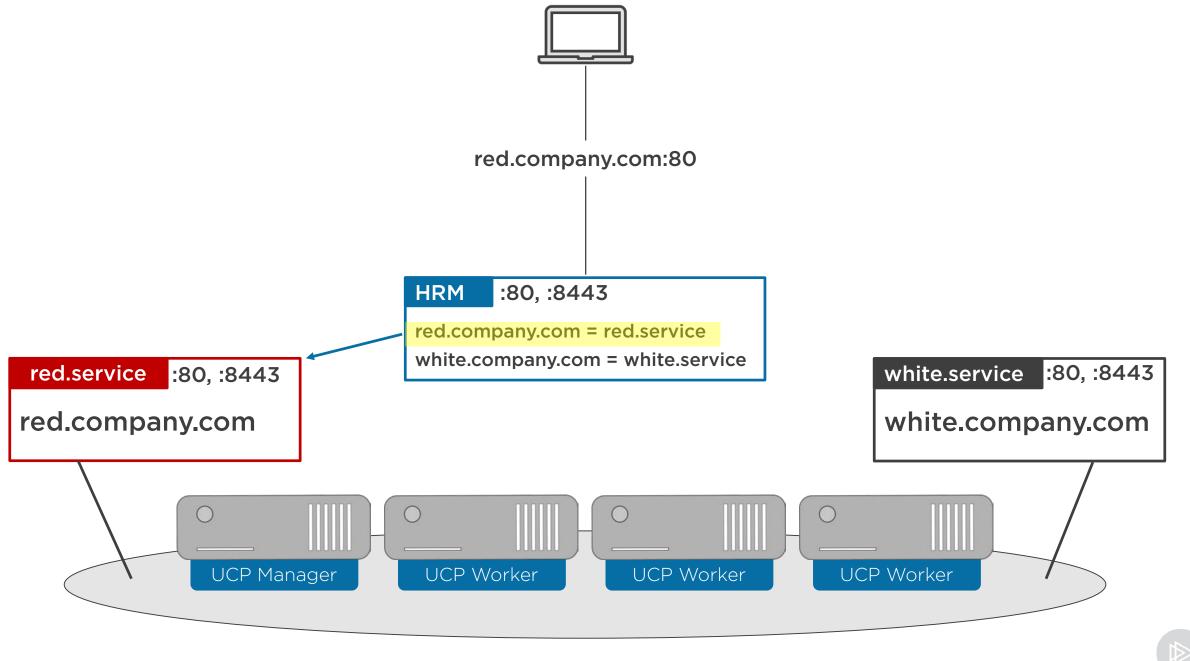
10.0.0.9

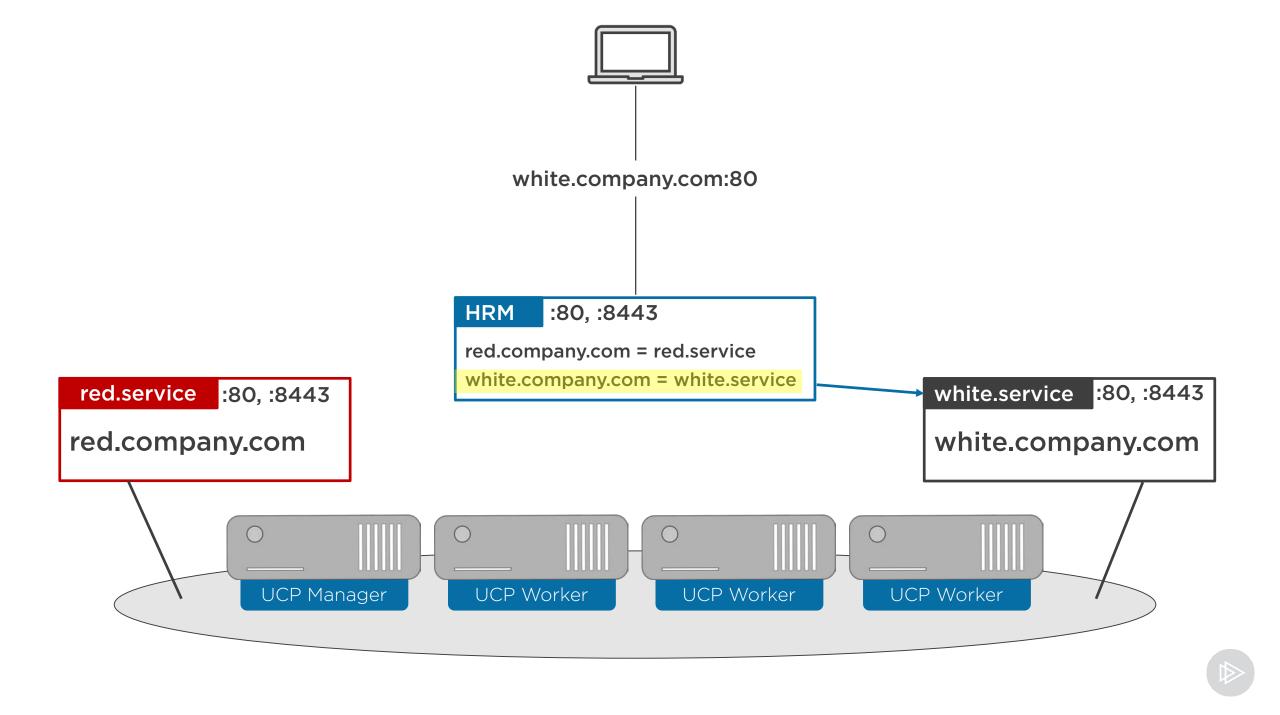
Replica1: 10.0.0.42 Replica2: 10.0.0.38 Replica3: 10.0.0.77





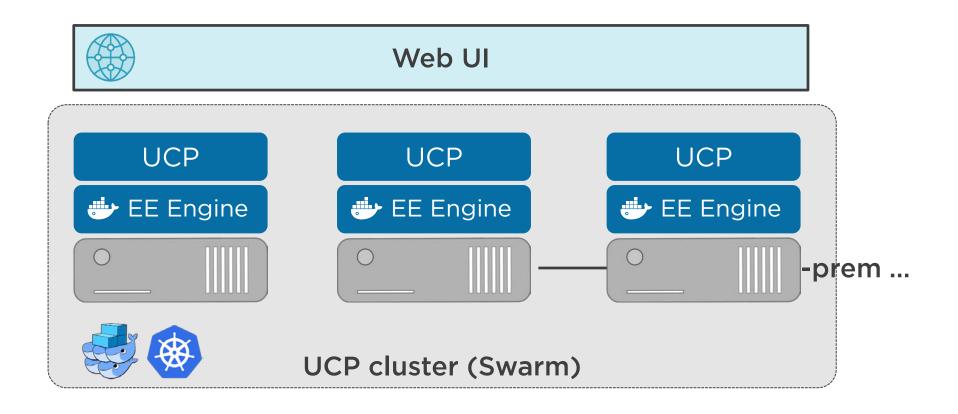


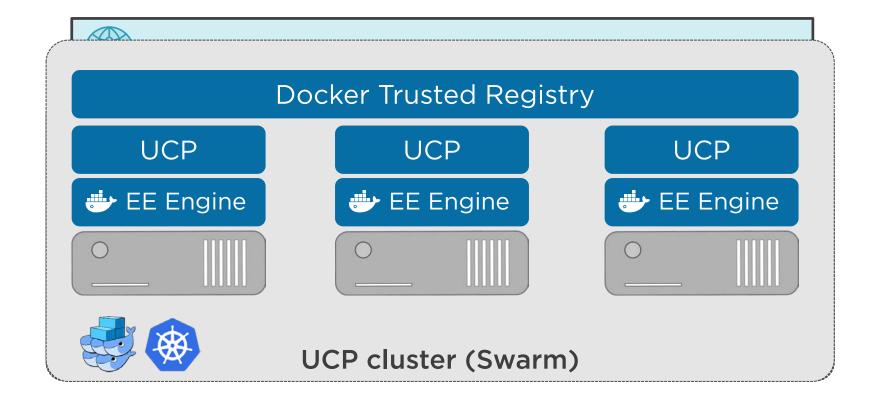
















Web UI

Docker Trusted Registry

UCP



EE Engine



















UCP cluster (Swarm)

Coming up

NEXT MODULE

Where to go now...



Don't miss!

