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Mastering Docker

Shrikrishna Holla

About the Author

- A full-stack developer and entrepreneur based in Bengaluru, India
- Managed, as a sole DevOps, a software stack that consisted of at least ten microservices, all using Docker
- Currently building a platform for actionable alerts called sigalrm.io
- shrikrishnaholla.in



SIGALRM

Modern Server Alerts

Sigalarm provides *actionable* alerts, allowing your engineers to take immediate remedial measures

[Learn more](#)



Shrikrishna Holla

I'm a Software Engineer and web developer based in Bangalore, IN



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View projects



Get in touch

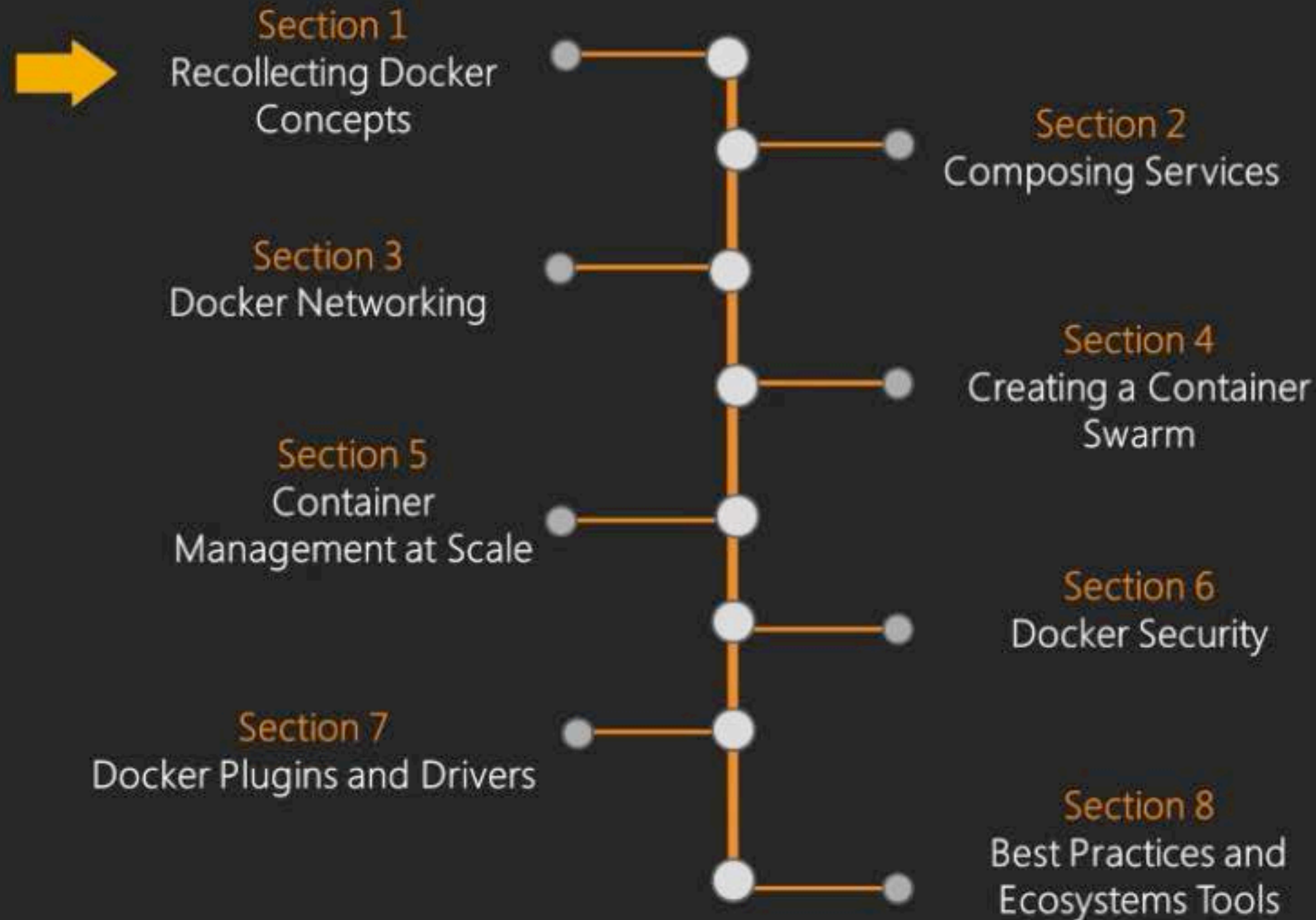


Video 1.1

The Course Overview

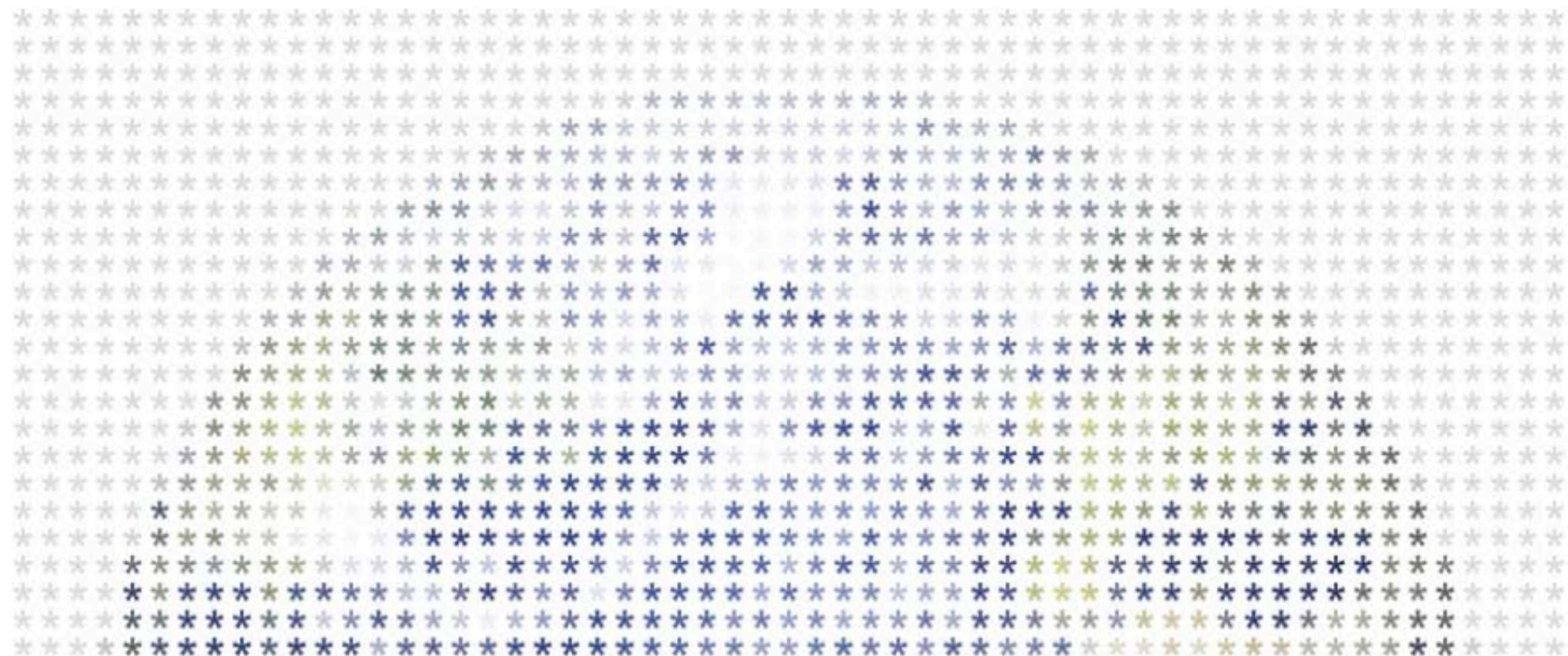


The Road Map



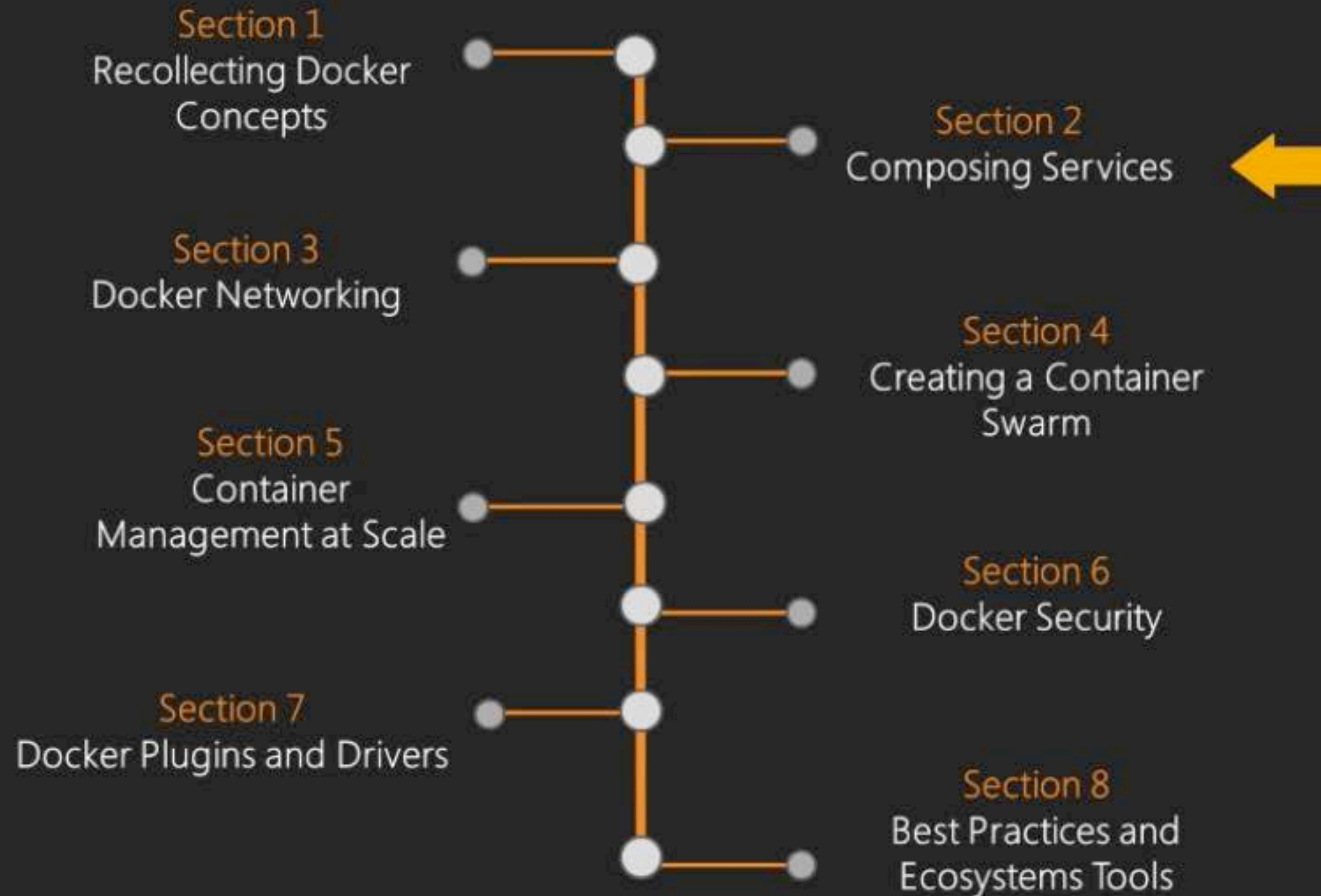
Welcome to diaspora*

The online social world where you are in control



diaspora* is based on three key philosophies:

The Road Map





DOCKER COMPOSE

Docker Compose allows you to define your multi-container application with all of its dependencies in a single file, then spin your application up in a single command.

[Get Compose](#)

[PRODUCT OVERVIEW](#)

[PRODUCT FEATURES](#)

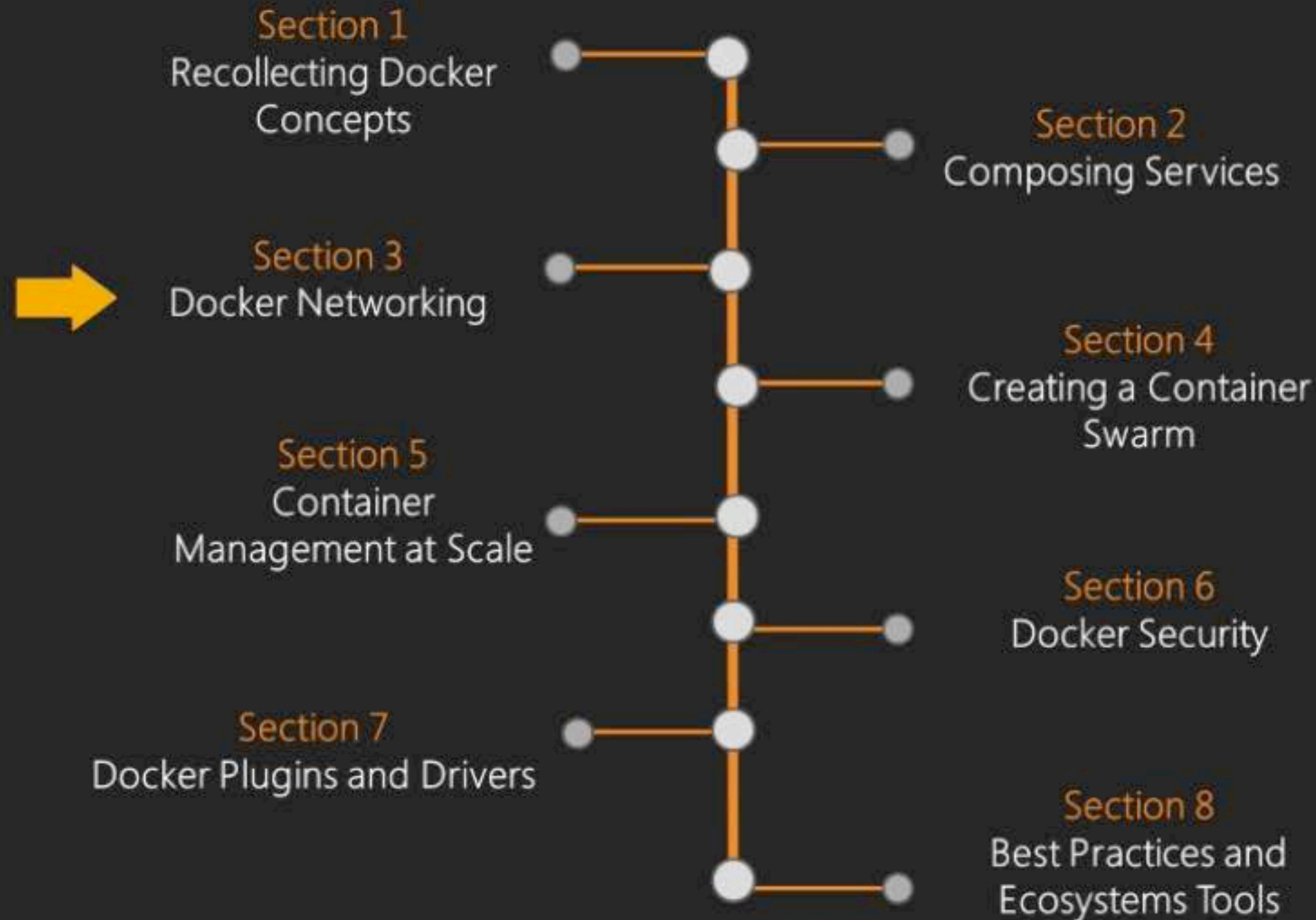
[GET STARTED](#)

[DEMO](#)

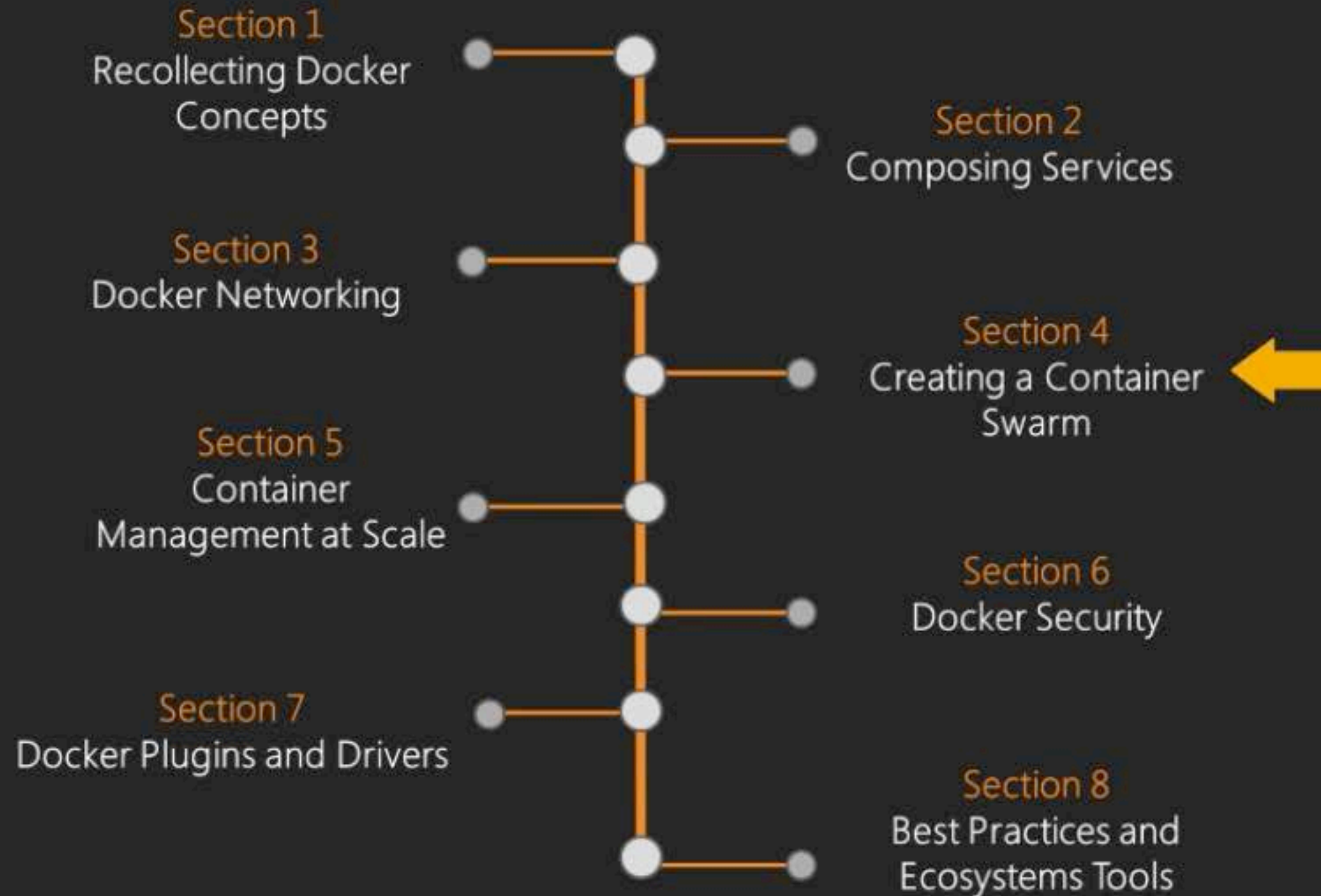
[RESOURCES](#)

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The Road Map

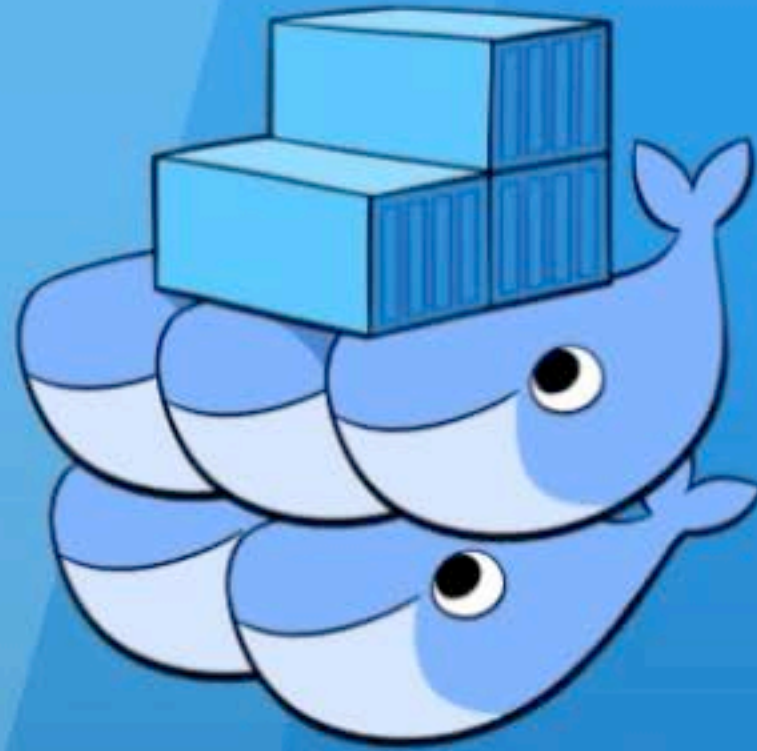


The Road Map

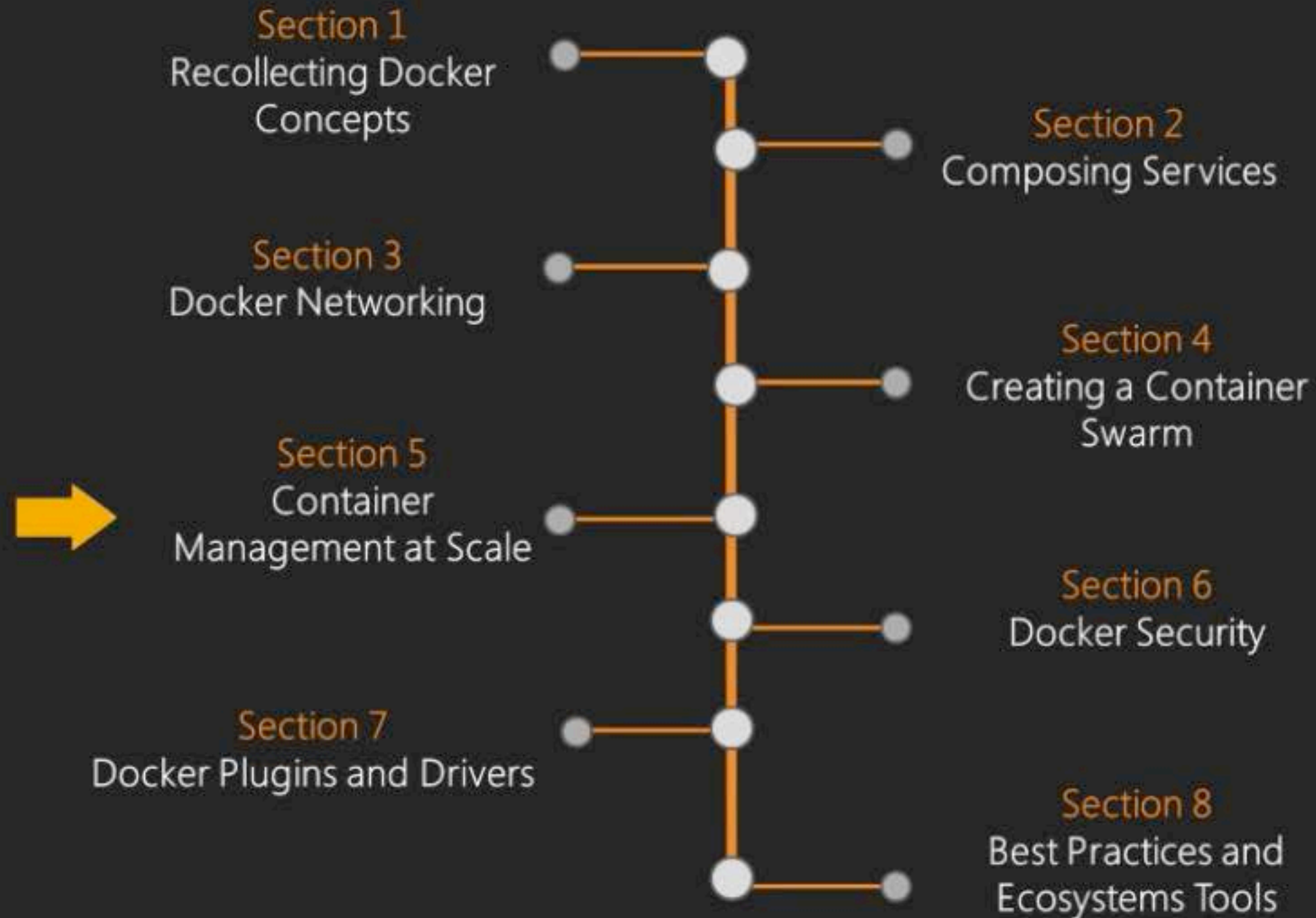


DOCKER SWARM

Docker Swarm provides native clustering capabilities to turn a group of Docker engines into a single, virtual Docker Engine.

[Get Swarm](#)[PRODUCT OVERVIEW](#)[PRODUCT FEATURES](#)[DEMO](#)[SIGNUP](#)[RESOURCES](#)[PRICING](#)

The Road Map



Production-Grade Container Orchestration

Automated container deployment, scaling, and management

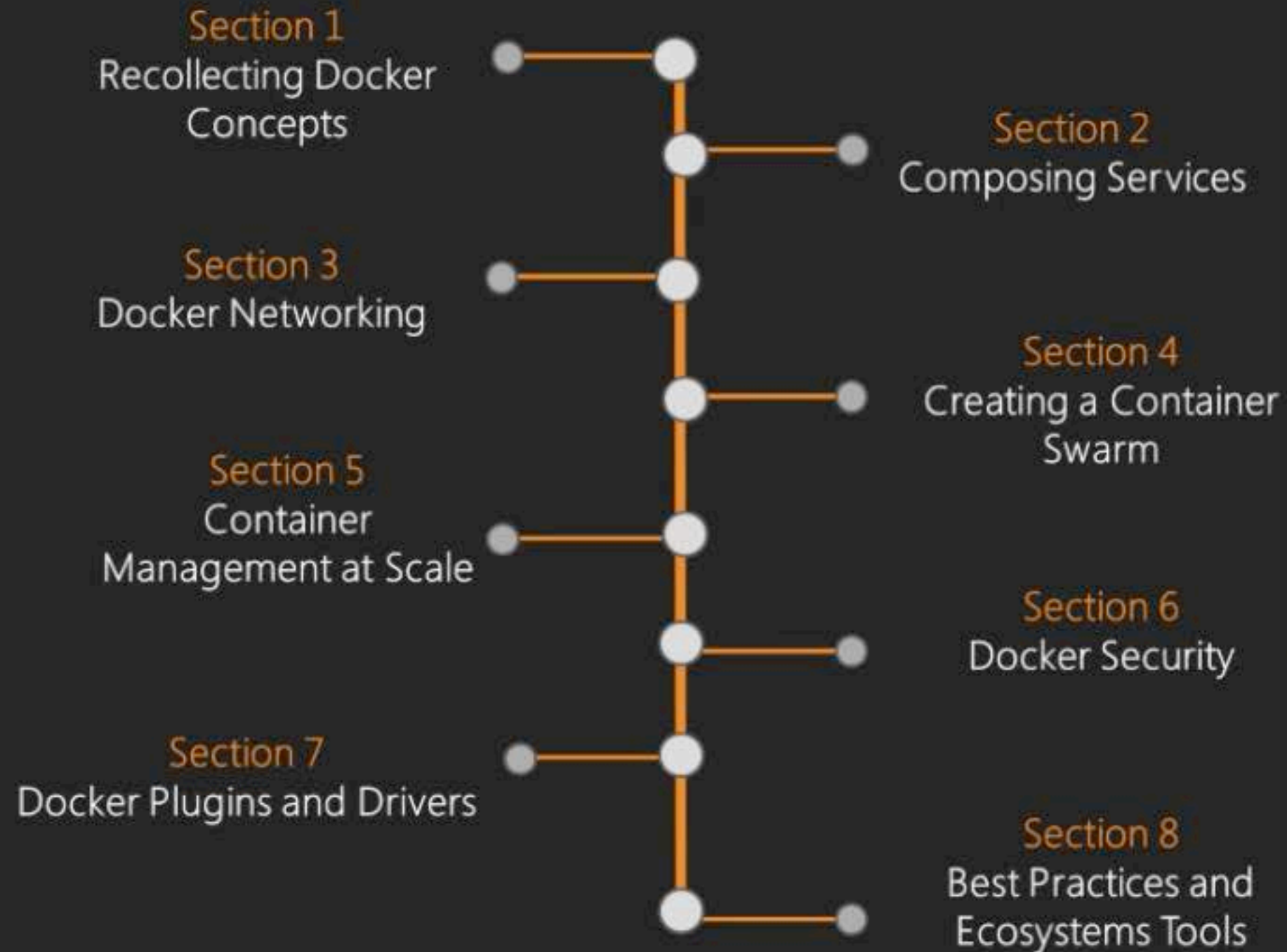
[Try Our Hello World](#)

Kubernetes is an open-source system for automating deployment, scaling, and management of containerized applications.

It groups containers that make up an application into logical units for easy management and discovery. Kubernetes builds upon [15 years of experience of running production workloads at Google](#), combined with best-of-breed ideas and practices from the community.



The Road Map



REX-Ray

Overview

Getting Started

Getting Help



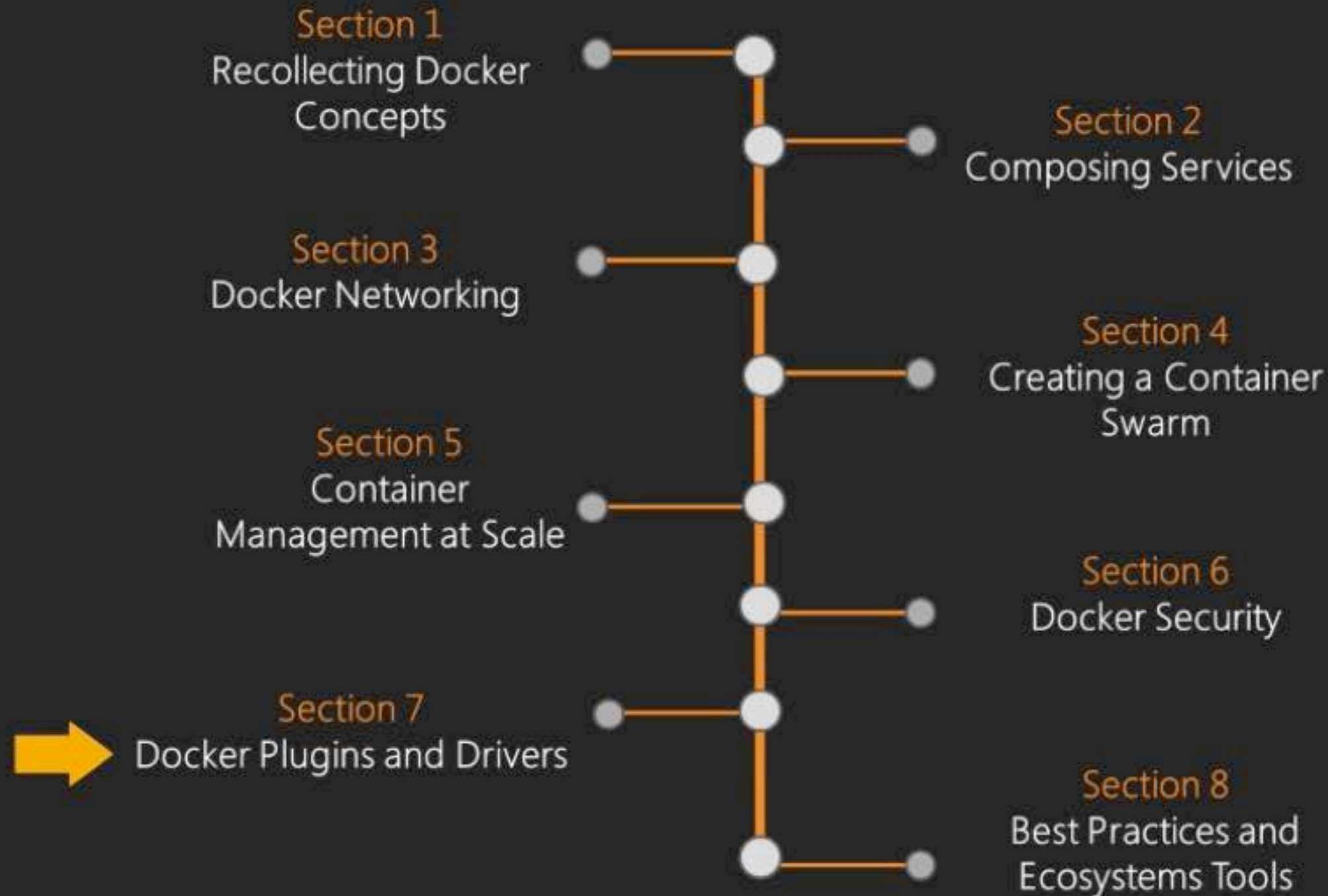
REX-Ray

Openly serious about storage

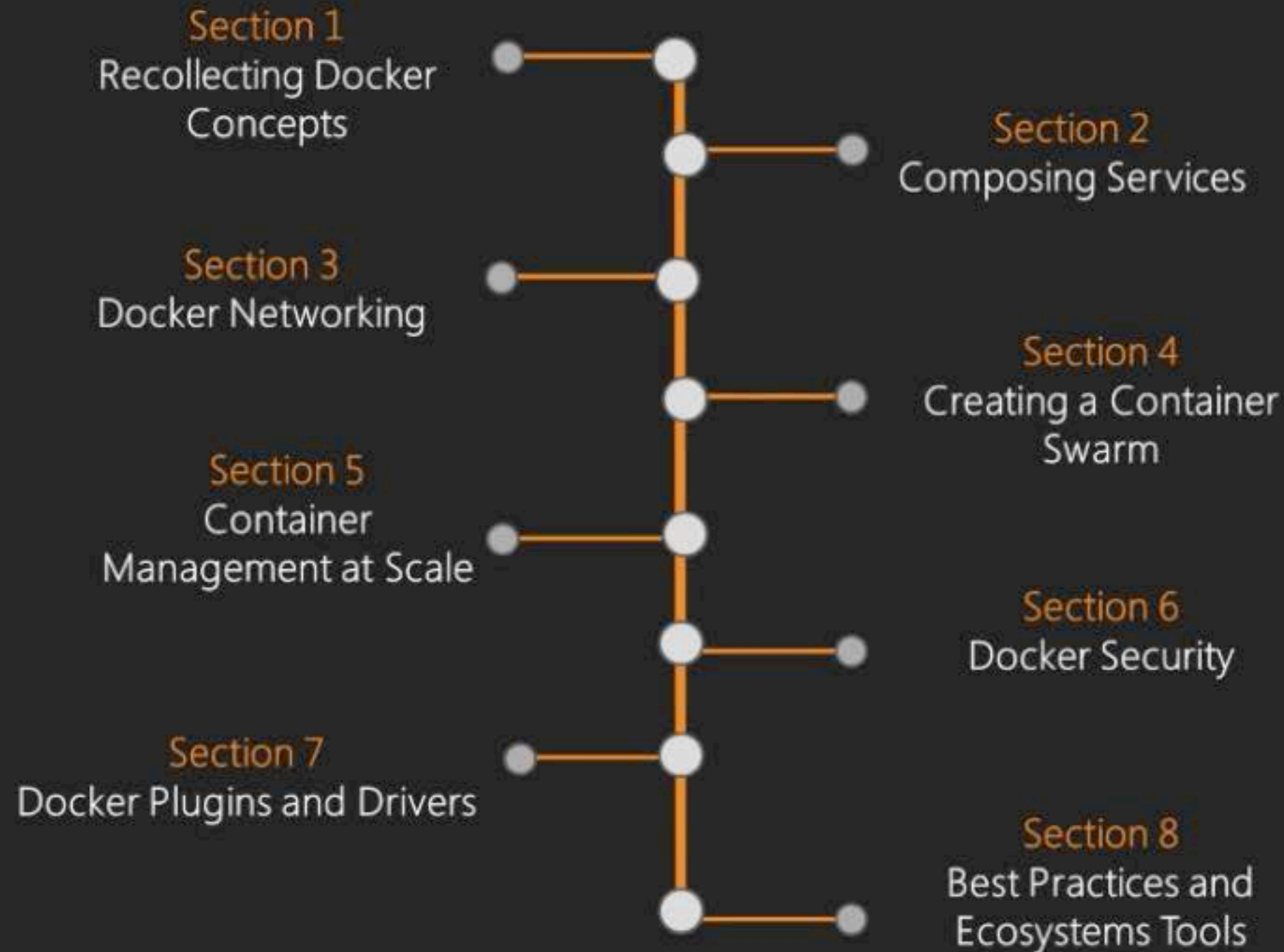
REX-Ray delivers persistent storage access for container runtimes, such as Docker and Mesos, and provides an easy interface for enabling advanced storage functionality across common storage, virtualization and cloud platforms. For example, here's how to list the volumes for a VirtualBox VM running Linux with REX-Ray:

```
$ rexray volume --service virtualbox
- attachments:
  - instanceID:
      id: e71578b0-1bfb-4fa5-bcd5-4ae982fd4a9b
      driver: virtualbox
      status: /Users/akutz/VirtualBox/libStorage/libStorage.vmdk
      volumeID: 1b819454-a280-4cff-aff5-141f4e8fd154
    name: libStorage.vmdk
    size: 64
    status: /Users/akutz/VirtualBox/libStorage/libStorage.vmdk
    id: 1b819454-a280-4cff-aff5-141f4e8fd154
    type: ""
```

The Road Map



The Road Map



CLUSTERHQ

CONTAINER DATA MANAGEMENT FOR
THE ENTIRE LIFECYCLE OF YOUR APP



```
$ dvol reset --hard HEAD  
# check commit logs
```



shipyard

Docker Management

[Home](#)[Docs](#)[Deploy](#)[Walkthrough](#)[API](#)[GitHub](#)

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Shipyard

Composable Docker Management

Built on Docker Swarm, Shipyard gives you the ability to manage Docker resources including containers, images, private registries and more.

Shipyard differs from other management applications in that it promotes composability and is 100% compatible with the Docker Remote API. Shipyard manages containers, images, nodes, private registries cluster-wide as well as providing authentication and role based access control.

shipyard

[Login](#)



59ace8ea
dockercraft
gaetan/dockeror
latest

CPU usage
4.92%

