solarwinds

Innovate Summit 2017

Container Network Performance

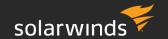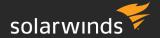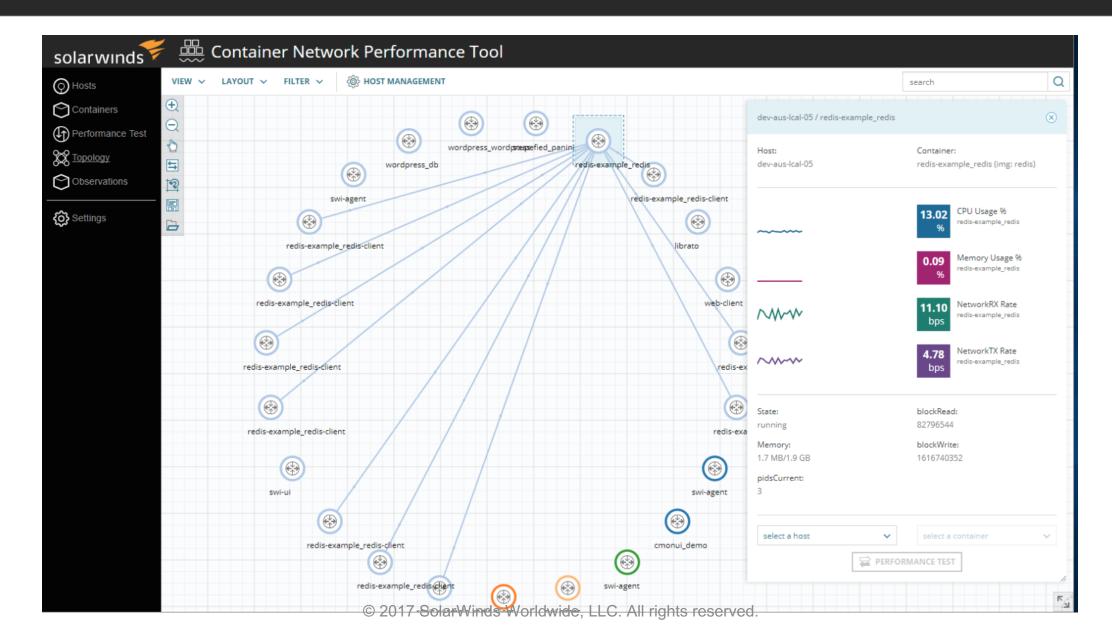Karlo Zatylny

- You're building your application and you have questions.
- Which orchestrator?
- Which container type?
- Which Operating System?
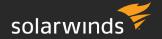- Which networking layer?
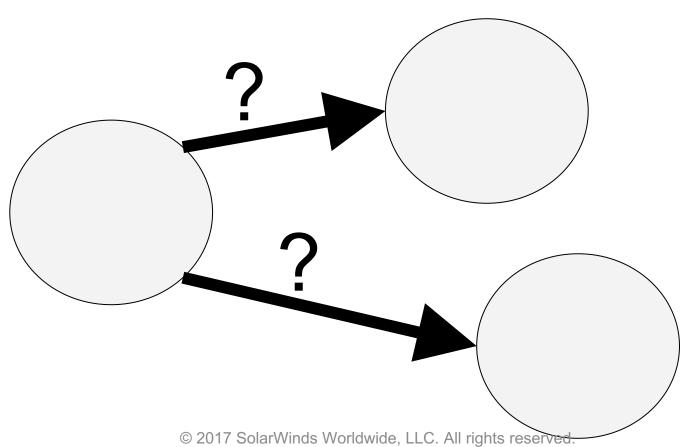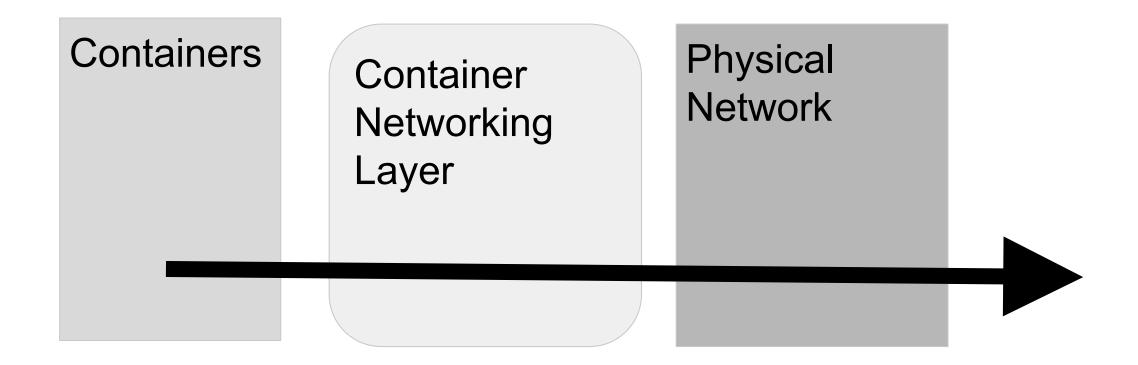 - Flannel, Docker, Calico, …

?

SolarWinds CMON - It's a free tool!

- Within your application, you also want to know which containers are communicating with each other for optimal deployment and security.
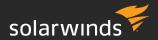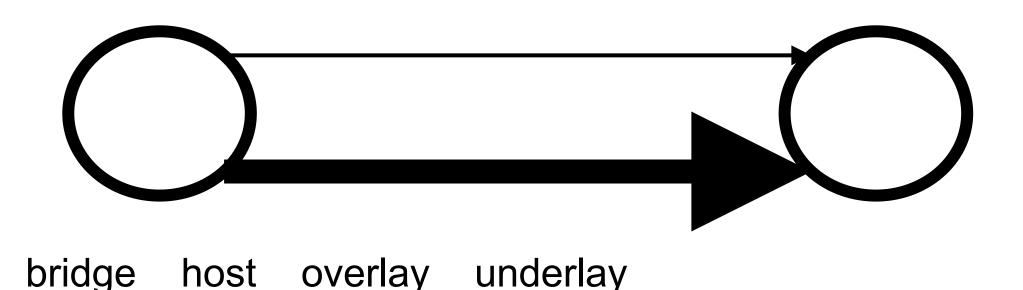
?

?

- Container software adds a layer for network routing, DNS, and other network functions

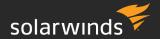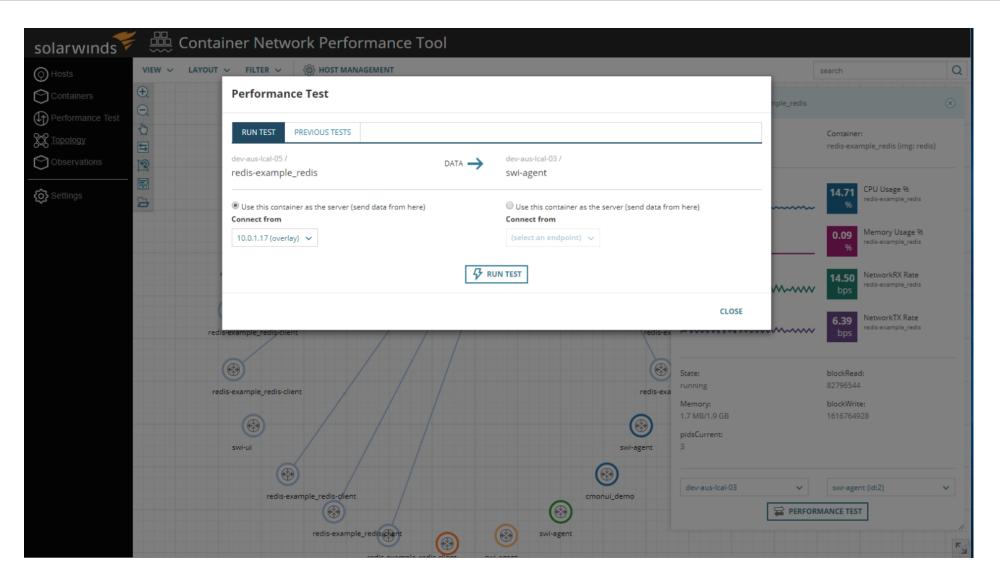| Containers	Container Networking Layer	Physical Network

When you have important bandwidth needs, you need to know how much you can push from one container to another. Where there is software, there are limits!
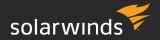
bridge   host   overlay   underlay

How much can you send and receive?
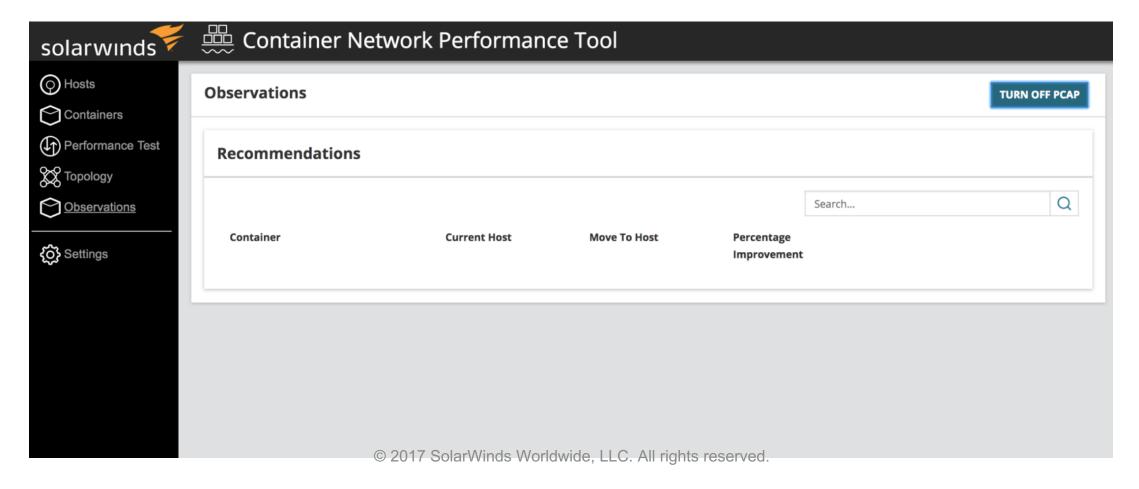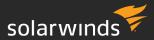
CMON Observations tell you where to place containers relative to each other to minimize **latency.**
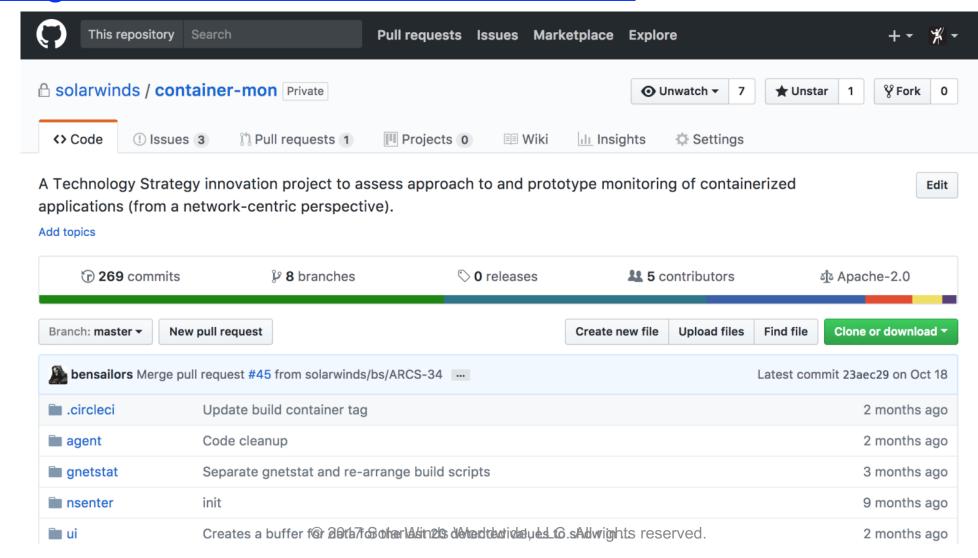
It's on DockerHub!

Repositories

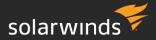Type to filter repositories by name

solarwinds/container-ui	public	3 STARS	10K+ PULLS	> DETAILS
solarwinds/container-agent	public	1 STARS	10K+ PULLS	> DETAILS

Open issues on GitHub - we're open!

solarwinds

https://github.com/solarwinds/containers

Legal stuff that lawyers want me to show