



Azure SQL Anywhere – Azure Arc-enabled Data Services

Ben Weissman (he/him)

Ben Weissman (he/him)

 @bweissman

b.weissman@solisyon.de

SQL Server since 6.5

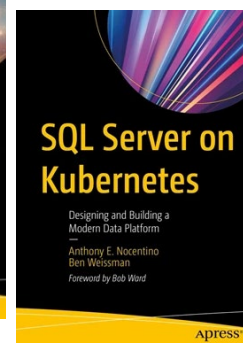
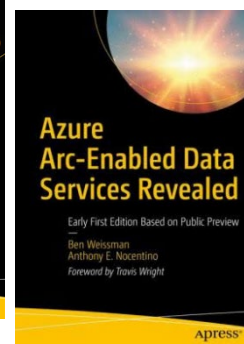
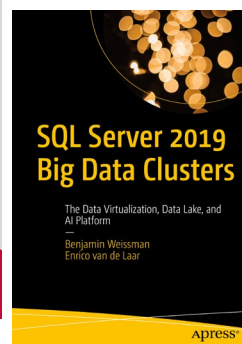
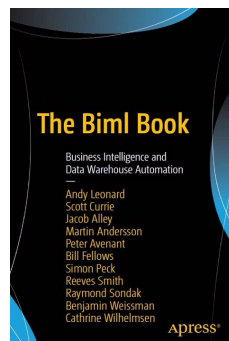
Data Passionist



Data Science
Big Data
Artificial Intelligence
Data Analysis



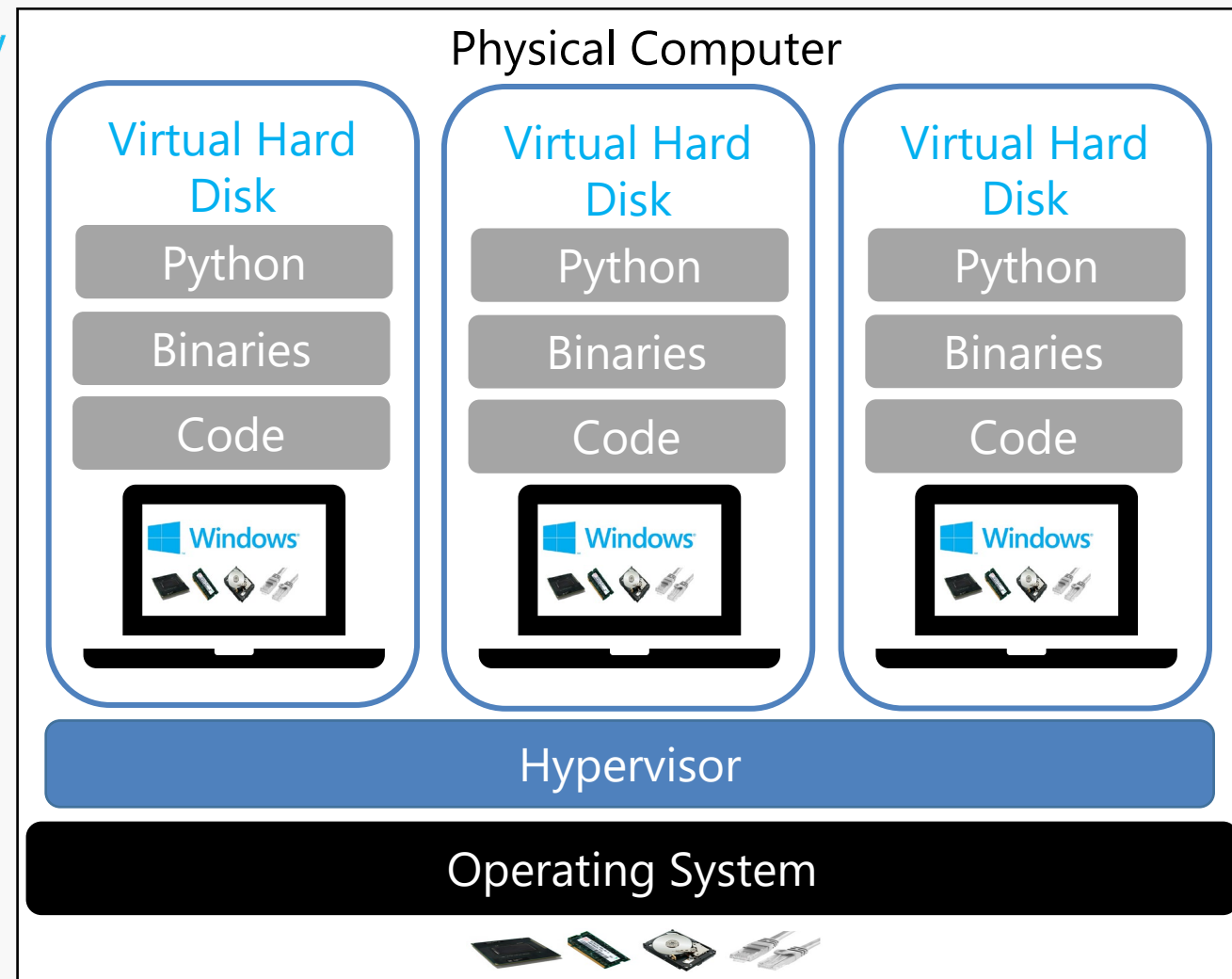
Certified Data Vault Modeler





Hardware Abstraction

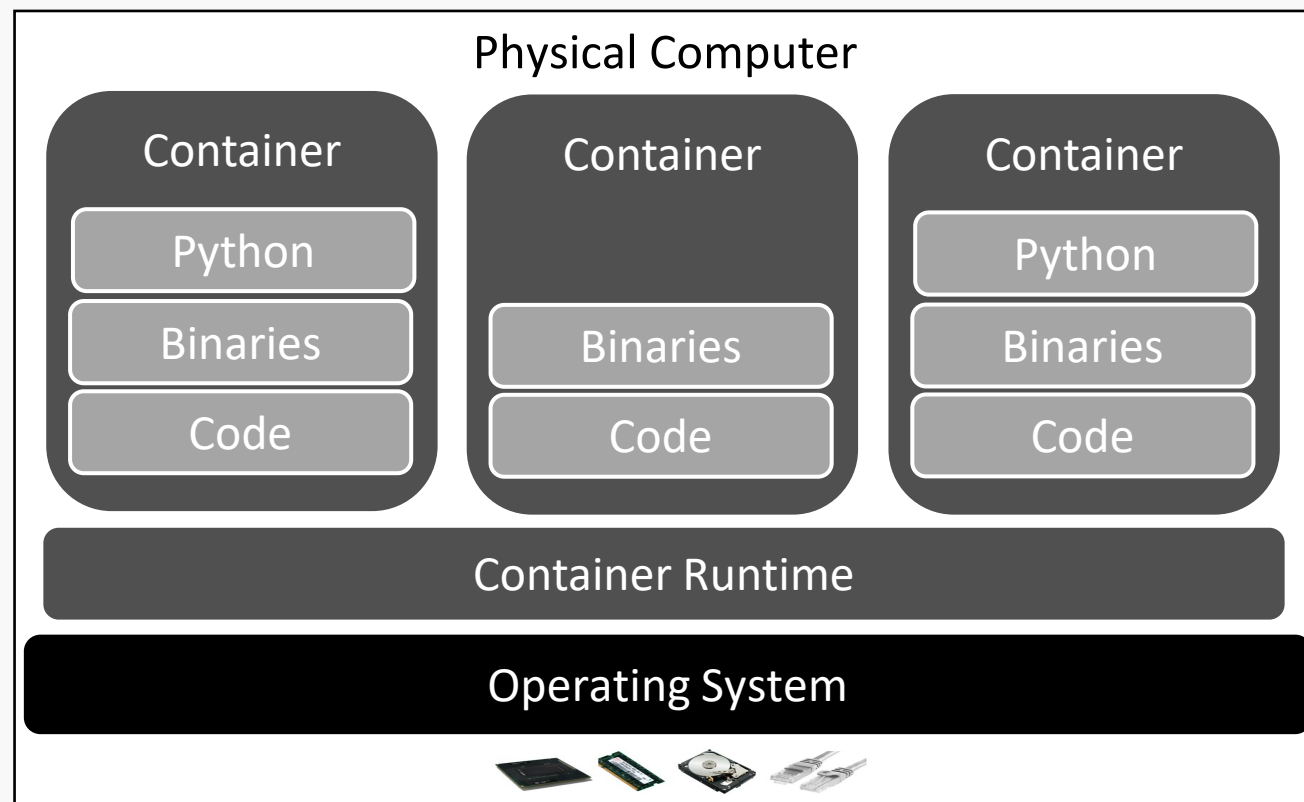
- › Building on hardware, you can create a complete “PC” on top of a Hypervisor layer, which abstracts out the hardware. You still own the Operating System and up
- › This allows for scale by ring-fencing OS-level dependencies





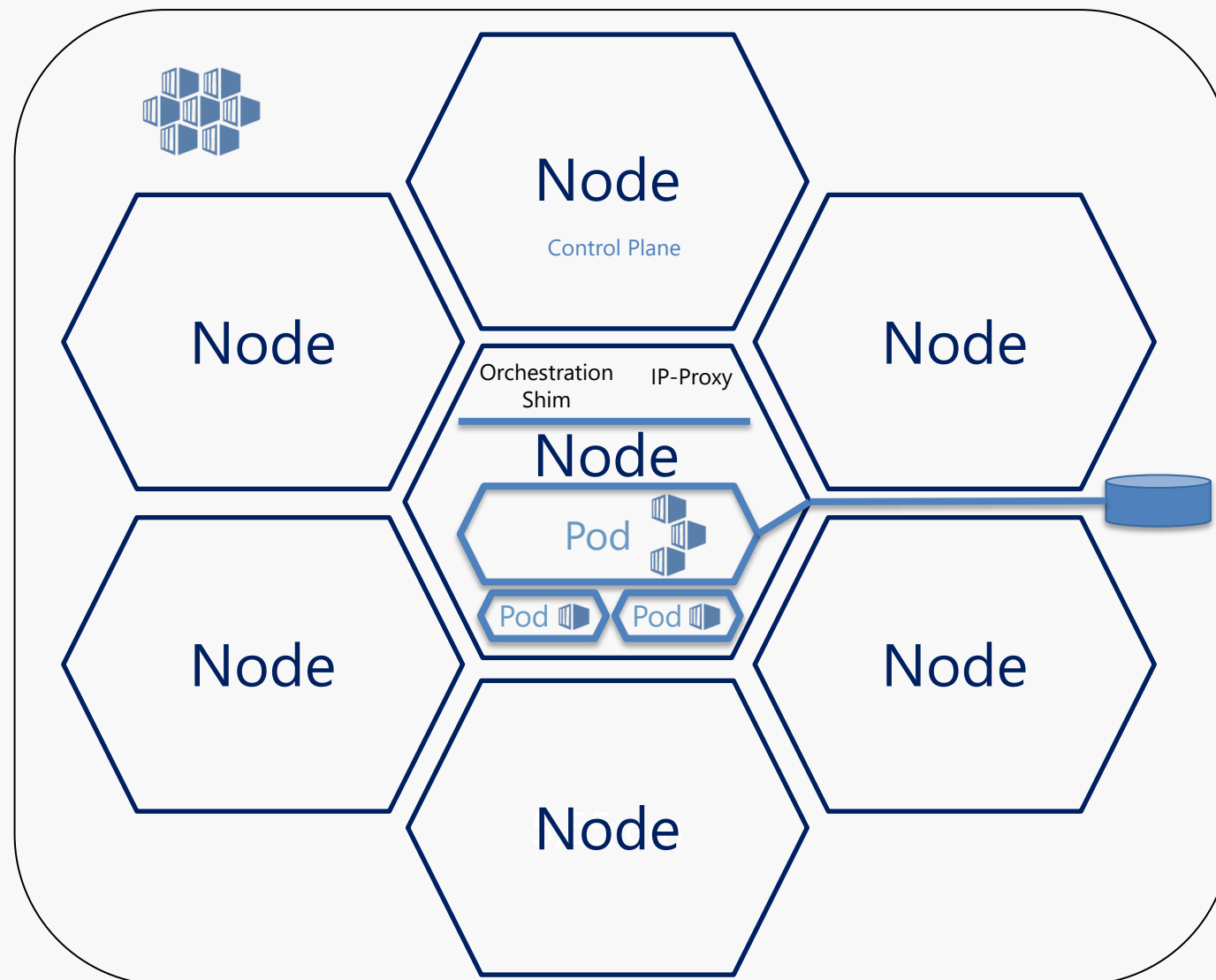
Abstracting the OS, allowing complete portability

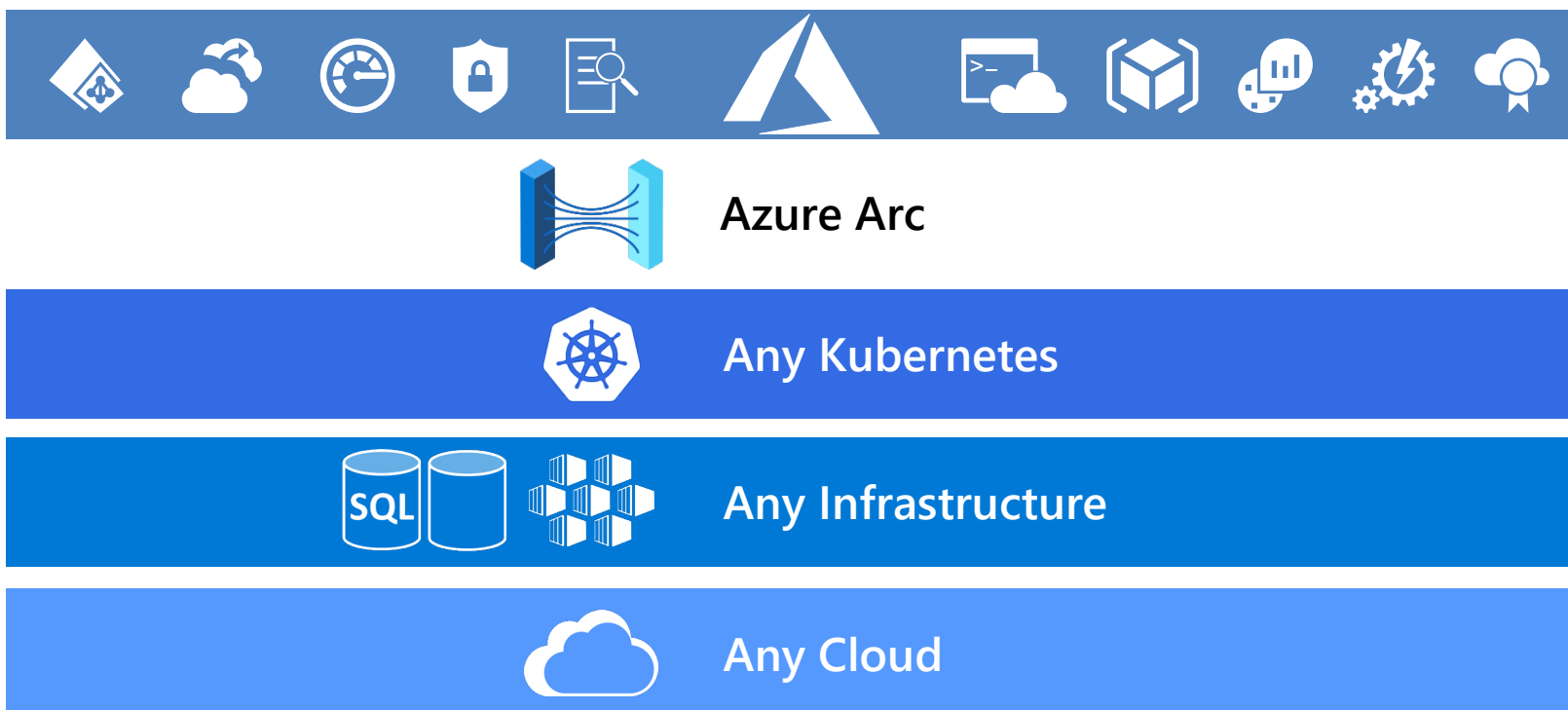
- › Containers go one level further than the Hypervisor, and focusing on binaries and applications
- › Storage and networking are a consideration
- › Scale is achieved through multiple containers

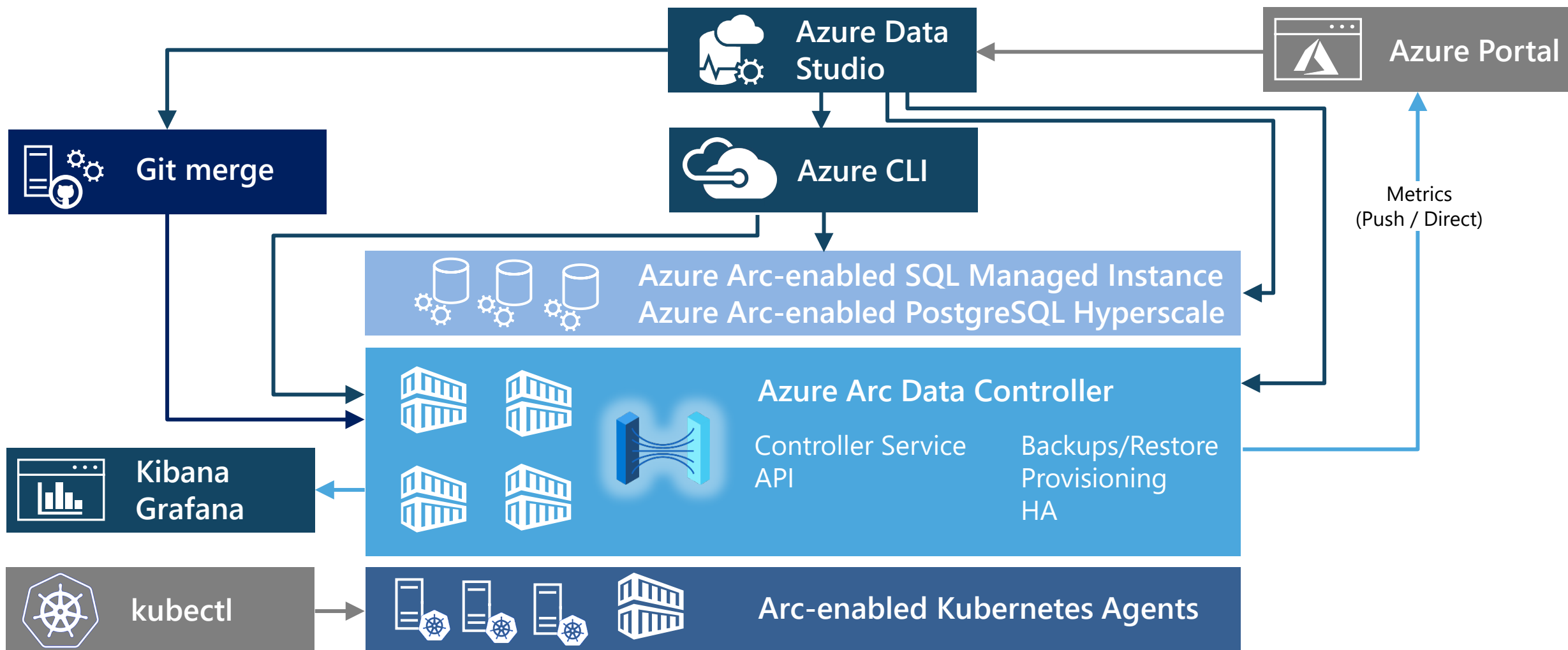


Containers at Scale

- **Container**(s) live in Pods
- **Pod**(s) are abstractions within Nodes
- **Node**(s) are PC's or VM's
- **Cluster**(s) are groups of Nodes
- Storage is by means of **Volume**(s) mounted through a Claim







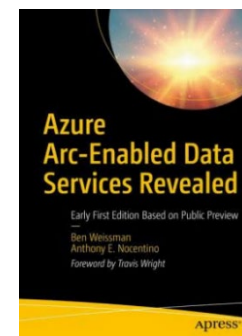
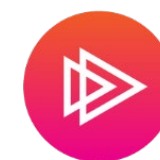
Demo



Ben Weissman (he/him) @bweissman

b.weissman@solisyon.de

linkedin.com/in/weissmanben/

[bookmark.ws/...](https://bookmark.ws/)[ArcDemos](#)[/ArcDataBook](#)

PLURALSIGHT

[/ArcDataCourse](#)