

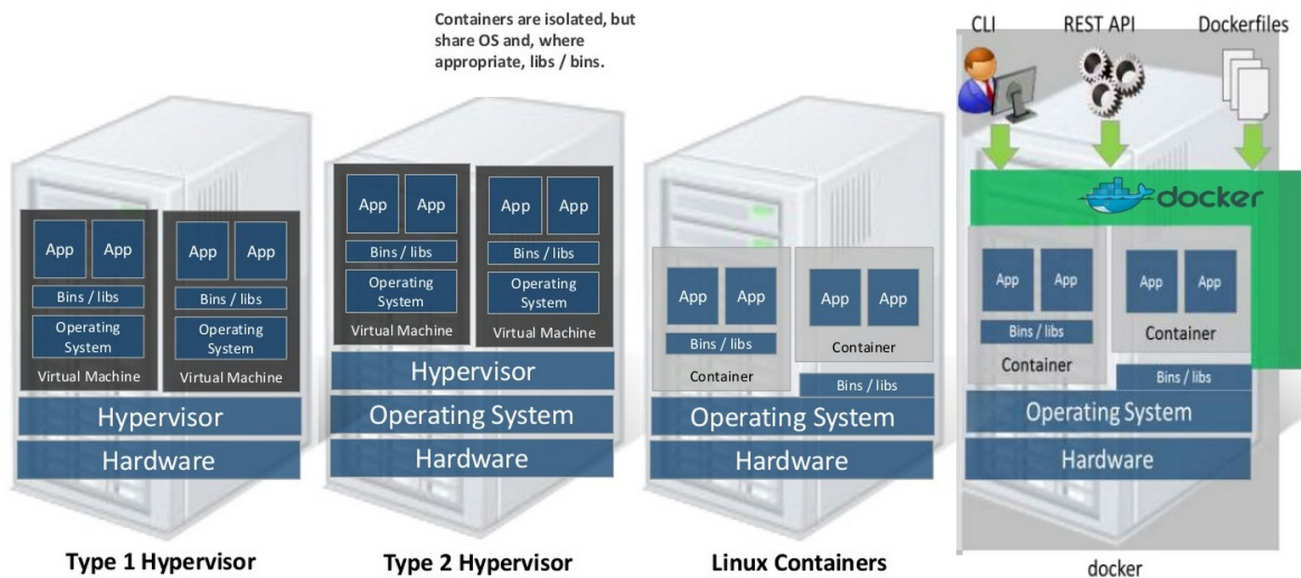
DBHi Containerization Retreat

What's working, what isn't, and what might.

What the &%\$ is a container?

Efficient, isolated application environment and runtime.

- Separates an application from the infrastructure it runs on...
- by intelligently saving an isolated filesystem image for the app...
- and providing an isolated and secure virtual computing environment...
- in the form of a lightweight container.
- [Understanding Docker](#)
- Core technologies: namespaces, control groups, union file systems, container format
- [Container performance is nearly equivalent to bare-metal](#)



Why should I give a \$%#&?

The right abstraction at the right time: application as independent unit.

- Developers forced to define configuration and deployment “APIs”...
- which lays the groundwork for drastic improvement in...
 - Faster delivery
 - Consistent deployment
 - Ability to scale
 - Efficient use of resources
 - Change management
- As well as enabling flexible workflow options such as...
 - Multiple deployments (for testing, etc)