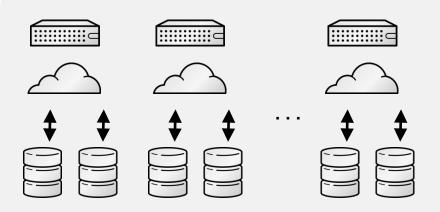


# TECHNOLOGY ENABLERS FOR CLOUD MIGRATION

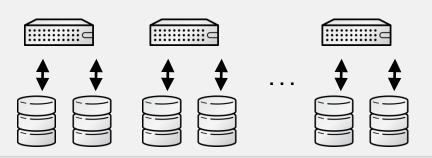
## TED BRUNELL

Principal Solution Architect
Chief Technologist, DoD Programs
@DoDCloudGuy
tbrunell@redhat.com

# **SOFTWARE-DEFINED STORAGE**



#### **REPLICATION**



- Retaining copies of cloud-based data onpremise
- Making data available for offline deployments
- Migration of data into or out of different cloud environments
- Meet expanding data requirements



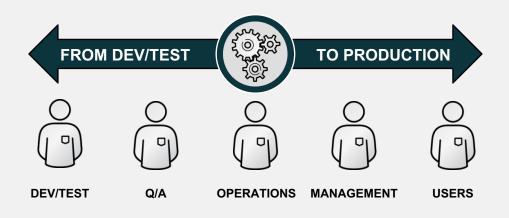
# **MULTI-CLOUD MANAGEMENT PLATFORM**



- Ensure cloud workloads adhere to policy
- Measuring application performance in the cloud
- Monitor and plan resource utilization to keep cost down
- Adoption of new cloud technology and environments
- Ensure applications are deployed to the right environment
- Reduce environmental concerns



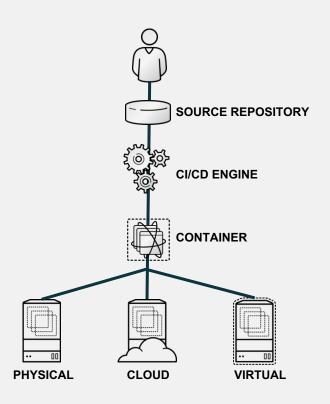
## **AUTOMATION ENGINE**



- Workload deployments need to be consistent regardless of the cloud environment
- Applications need to adhere to local security and configuration settings
- Reduce operational costs



# **CONTAINER TECHNOLOGY**



- Support microservices deployments
- Application portability
- Ensure consistent application build and deployment
- Optimize resource utilization
- Enable horizontal scalability

