

veeAMON2023

Veeam Replication:

The dos and don'ts of BC/DR



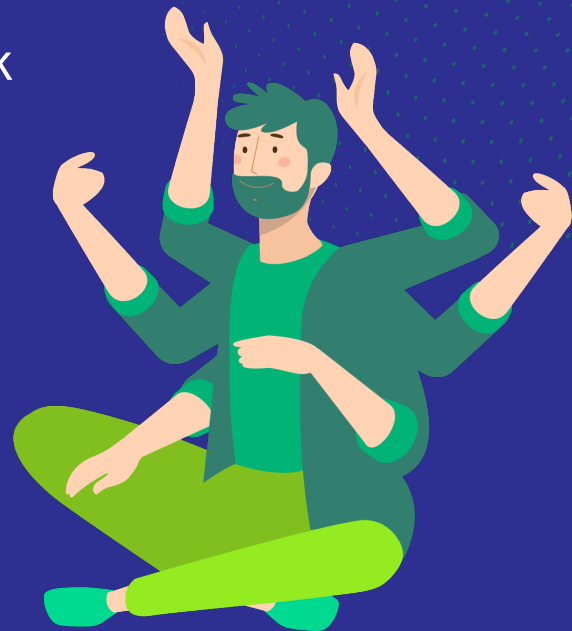
Eric Kubla

First Commonwealth Bank –
IT Server Manager/AVP



About the presenter!

- IT Server Manager at First Commonwealth Bank (14+ years).
- Based out of Indiana, PA.
Range from Cincinnati to just west of Philly.
- 9+ years as a Pittsburgh VMUG
@pghvmug leader.
- 8 years as a vExpert.



Who uses Veeam and why

Why did First Commonwealth start using Veeam?

Core conversion:

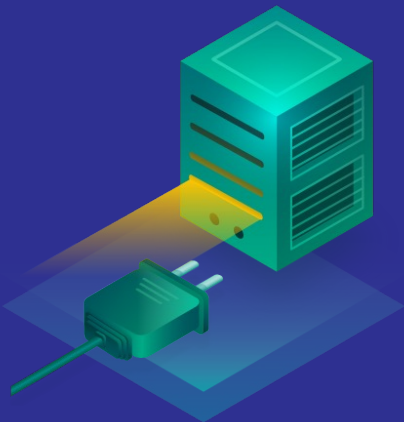
- Replacing older apps with newer more modern/up-to-date apps.
- Need for a DR scenario.

Current and future DR setup – physical servers in each location:

- Veeam® solved the problem of creating new VMs.
- Started with just using Veeam for this particular scenario.
- Continued to add servers.



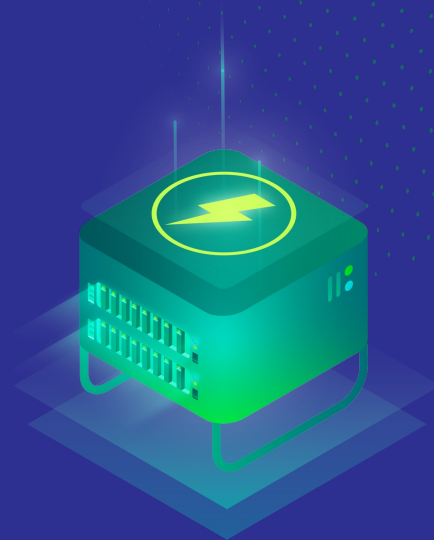
What happened?



UPS



House power



Generator

What happened to us?



We get a call 8:30 a.m. on a Friday that our data center is about to lose power.

Why?

- Update!
- The “switch” that fails from house power to generator was not functioning.

What did we do? Panic...

- Started shutting down and failing over mission critical VMs.
- SQL, Exchange, etc.
- Start powering on VMs (planned and unplanned failovers in Veeam).
- iSeries failover.

Lessons learned



What can you improve?

- Update!
- We upgraded to Veeam Enterprise *Plus* so we could utilize CDP to better our RPO.



Documentation!

- Do you know how to failover/bring up apps in a DR scenario.



Have a plan:

- Test you plan.
- Document you plan.
- Have discussions on who decides your plan.

veeAMON 2023

Q&A





Thank you!

veeAMON2023

