



Shared IT Services for Higher Education & Research

Conference 2018

Win Big with Transformational Cloud Strategies and IT Resilience



Long View

Zerto

Cloud based data protection

Long View Systems

James Charter, Chief Architect

Zerto

Lance White, Account Executive

& Special Guest



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Agenda

- Why Cloud Based Data Protection
- OnDemand Recovery
- Leith Wheeler Client Discussion
- Q&A



Disaster Recovery the basics

*“**Disaster recovery** (DR) involves a set of policies, tools and procedures to enable the **recovery** or continuation of vital technology infrastructure and systems following a natural or human-induced **disaster**. .” - Wikipedia*

EQUALS:

Critical Applications & Data available for the business

Common Disaster Recovery Terms

- RPO – Recovery Point Objective – How old (stale) is your data when you recover
- RTO – Recovery Time Objective – How long it takes to have your workload back up and running after declaring a Disaster
- Retention – How far back in time can you recover your data from?
 - Important for Crypto locker or Malware recovery

Disaster Recovery can be cost prohibitive and complex

Costs

- Capital Investment (recovery site hardware, facility, connectivity)
- Maintenance (software, hardware support, DR facility)
- Specialty Skills

Disaster Recovery can be cost prohibitive and complex

Business impact

- Testing is intrusive (flying resources to DR location, impacts production services, requires lots of effort/planning)
- Challenging to automate and support

Enter Cloud Based Data Protection

Costs

- Predictable costs
- No hardware, investments or maintenance
- No specialty skills required – fully managed service

Business impact

- Test as often as you like (included)
- No impact to production with isolated testing
- Nothing to support – fully managed service
- Low RPO and RTO

OnDemand Recovery for DR



Long View

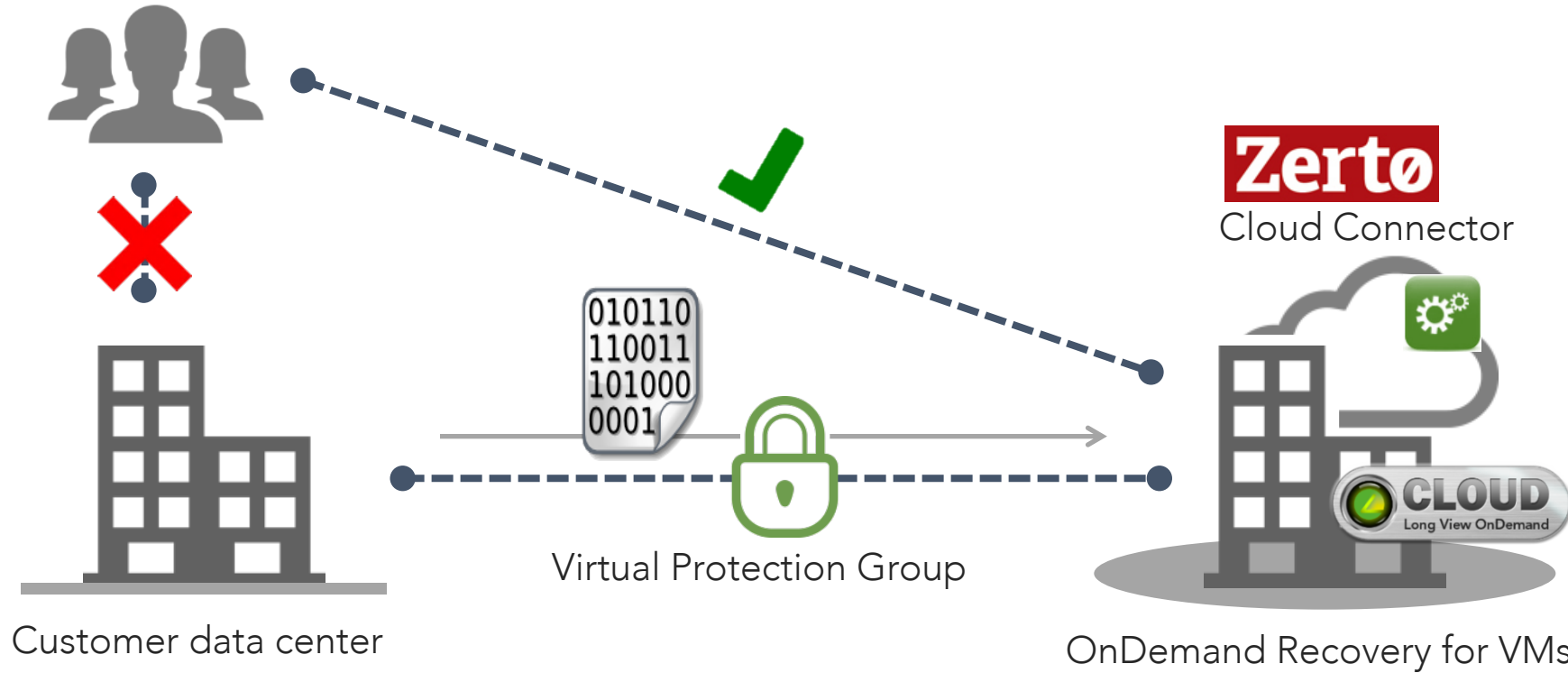
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OnDemand Recovery

Simple, robust, effective

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Replication Appliance & Virtual Manager



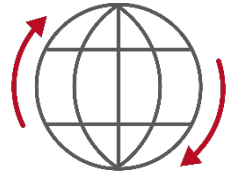
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network crash

fire

power failure

Keep business running during a system failure, meet RTO's and RPO's

Protect, Transform & Innovate



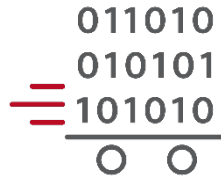
Continuous Availability



Outages
& Disruptions



Ransomware
Attacks



Workload Mobility



Infrastructure
Modernization



Testing
& DevOps



Multi-Cloud Agility

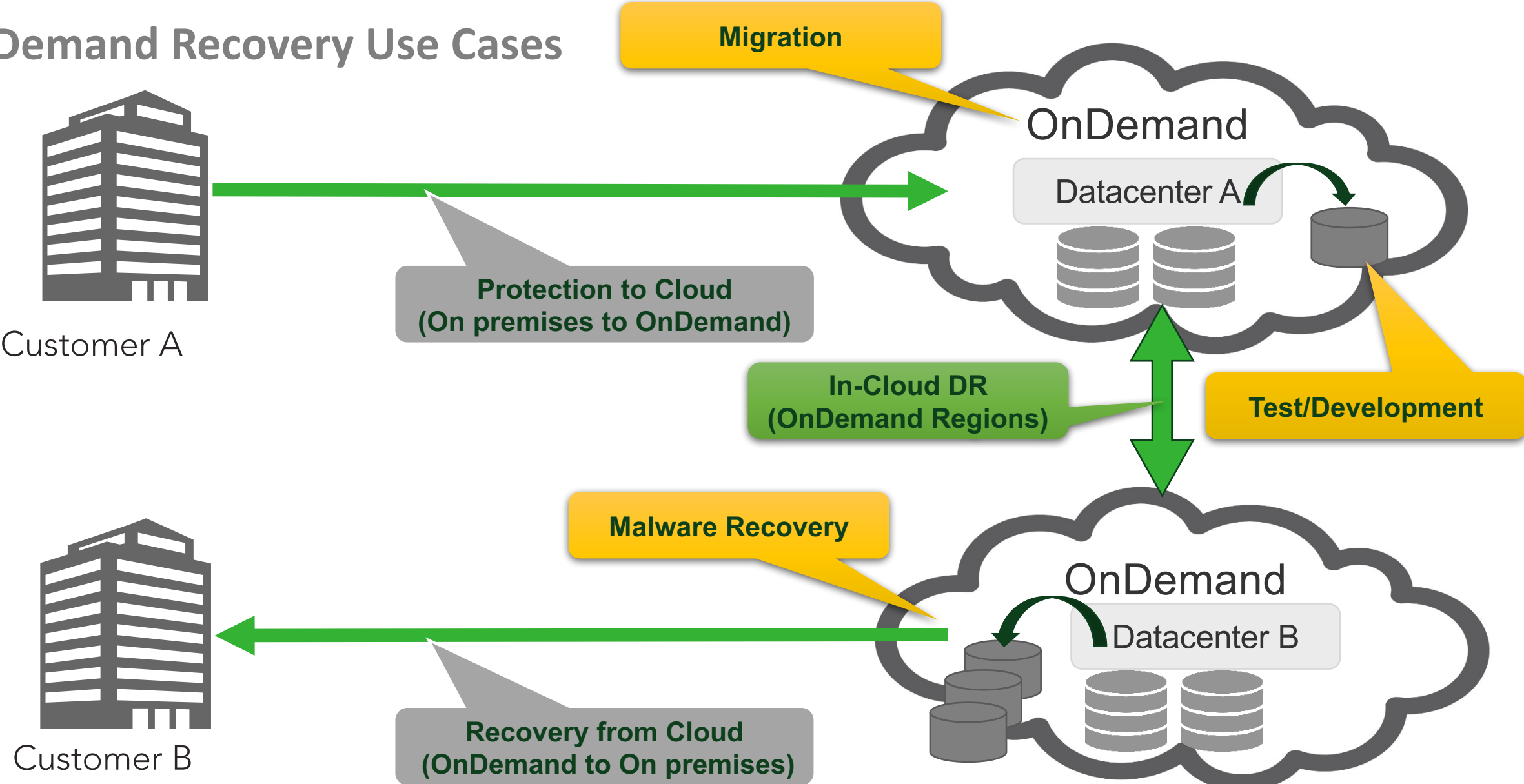


Cloud Integration
& Migration



Multi-Cloud
Hybrid Cloud

OnDemand Recovery Use Cases



Leith Wheeler: A client discussion

Mark Taylor, PhD, CFA
CTO & Head of Investment Analytics



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Thank You



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