Resilience simplified; Your guide through the hybrid cloud jungle

Steve Blow

Systems Engineering Manager EMEA

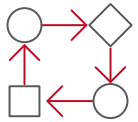
Zerto

Zerto IT Resilience Platform

ANALYTICS

Orchestration & Automation

DISASTER RECOVERY



OPERATIONAL RECOVERY

LONG-TERM RETENTION

HYBRID, MULTI-CLOUD

OPERATIONAL SERVICES

Continuous Data Protection

Microsoft Azure

aws

IBM

vmware

Microsoft Hyper-V

Hewlett Packard Enterprise

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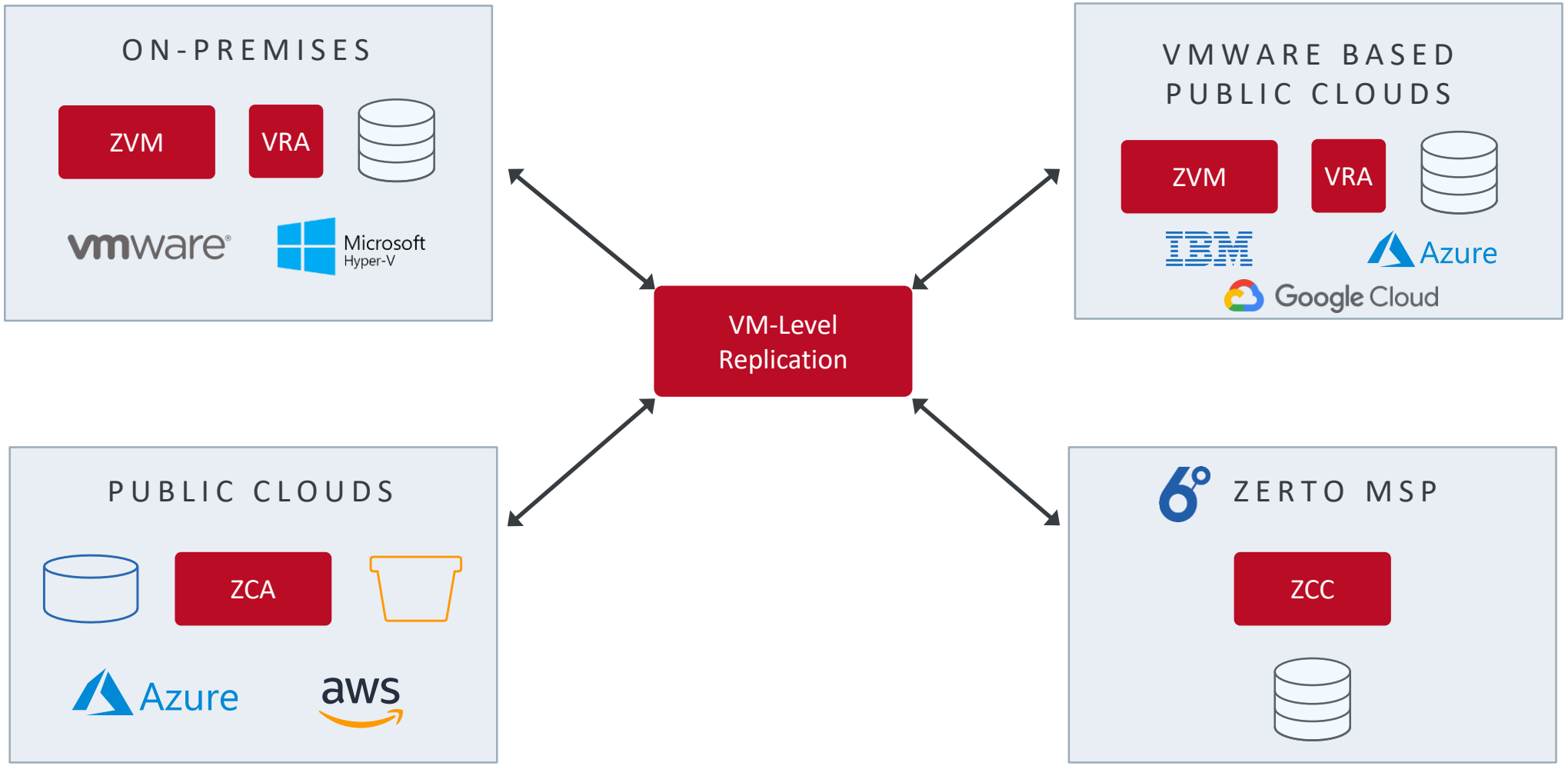
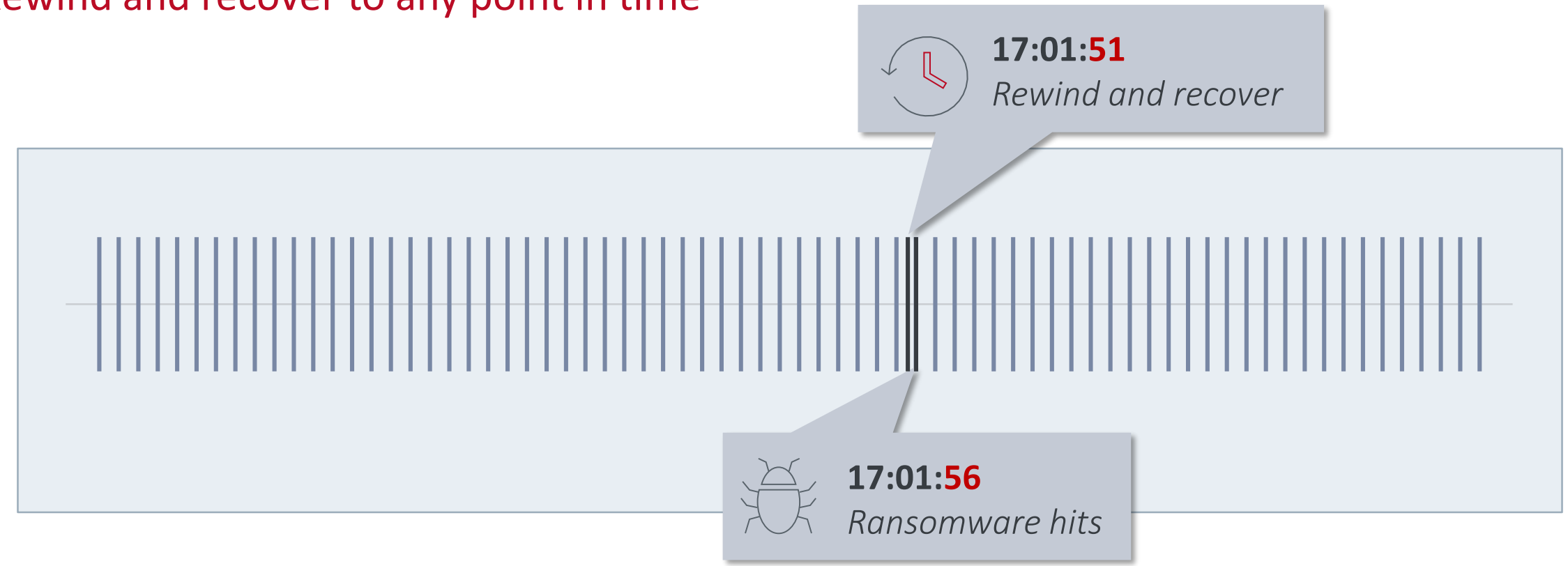
Multi-Cloud Architecture



Journal-Based Recovery

Rewind and recover to any point in time



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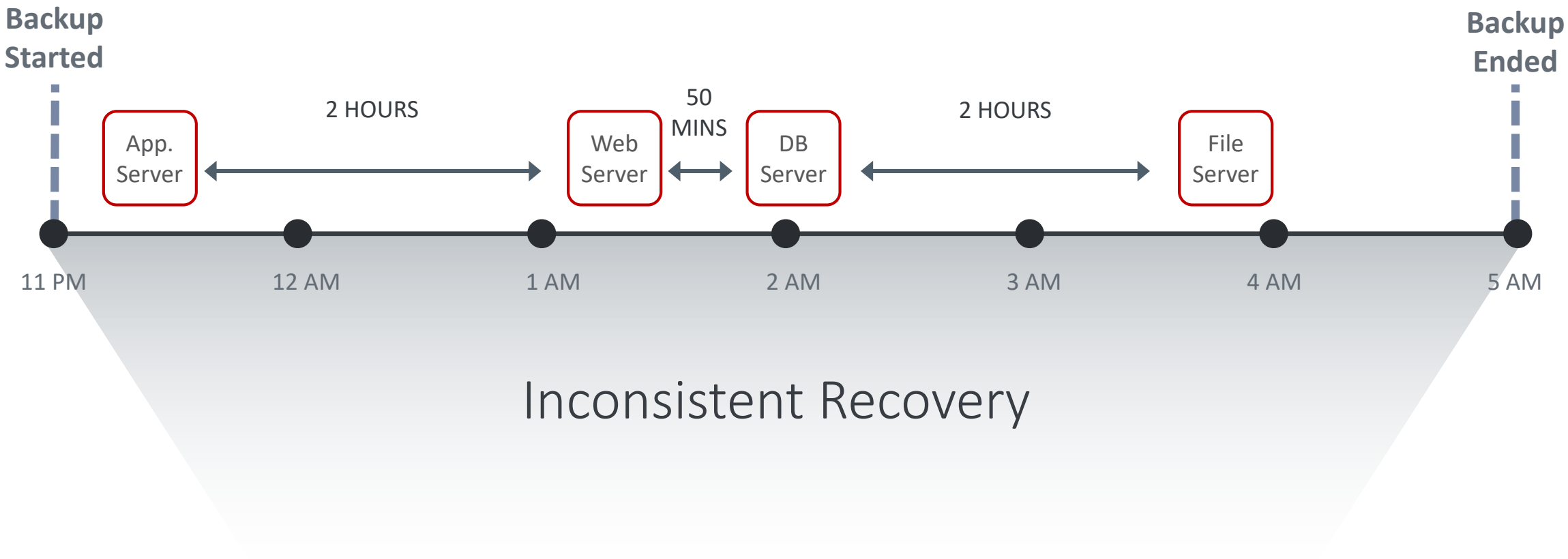
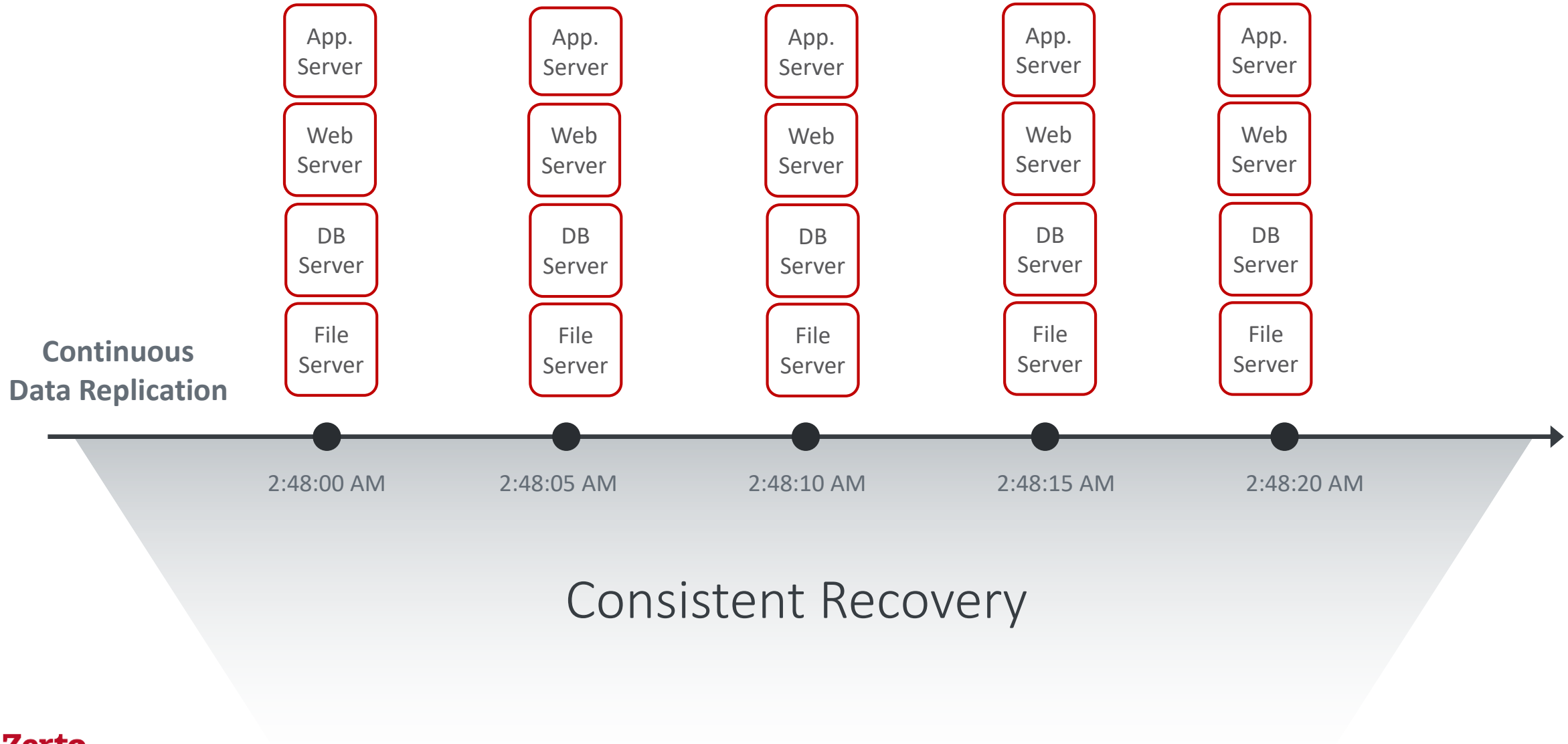
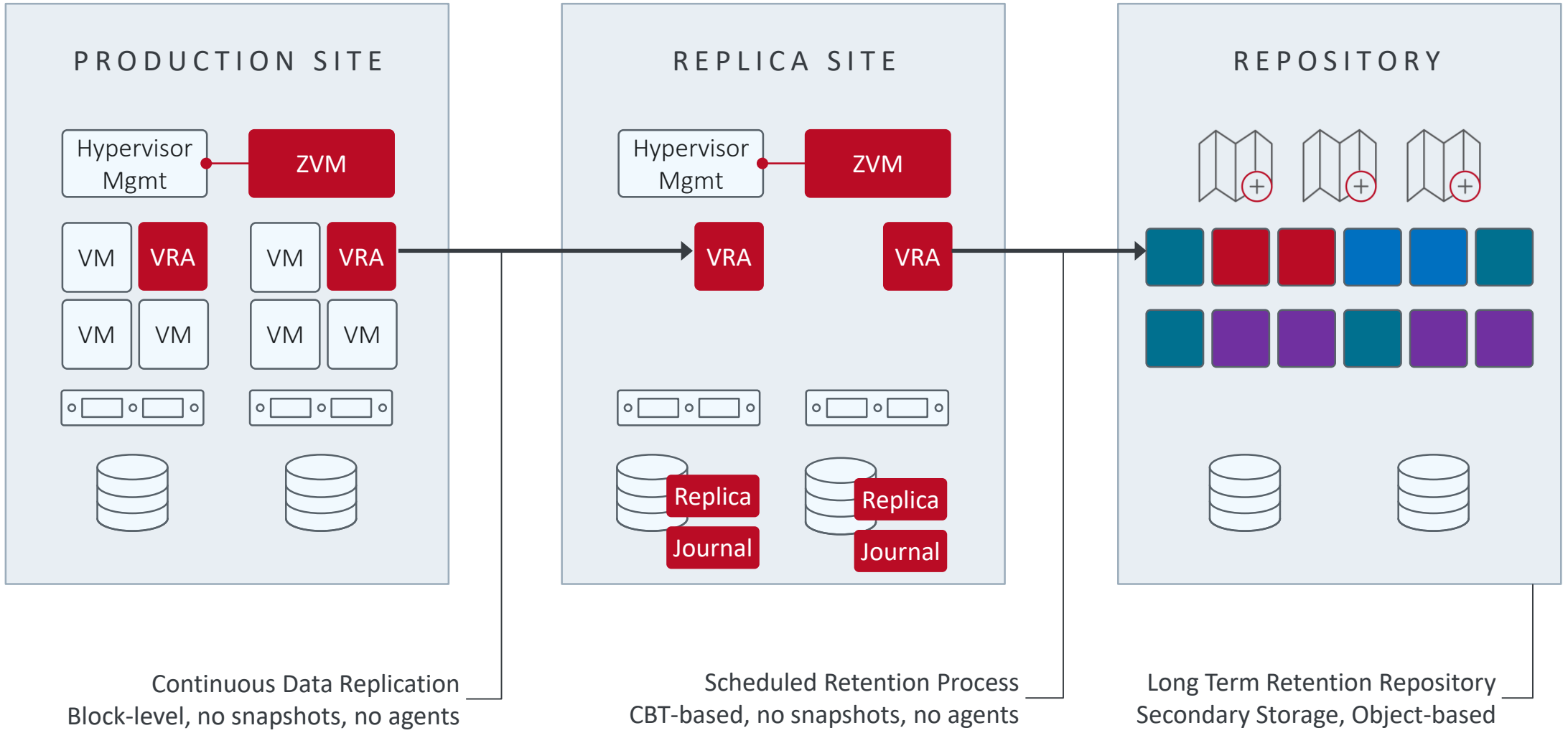
Traditional Protection



Application Consistency



Elastic Journal - Architecture



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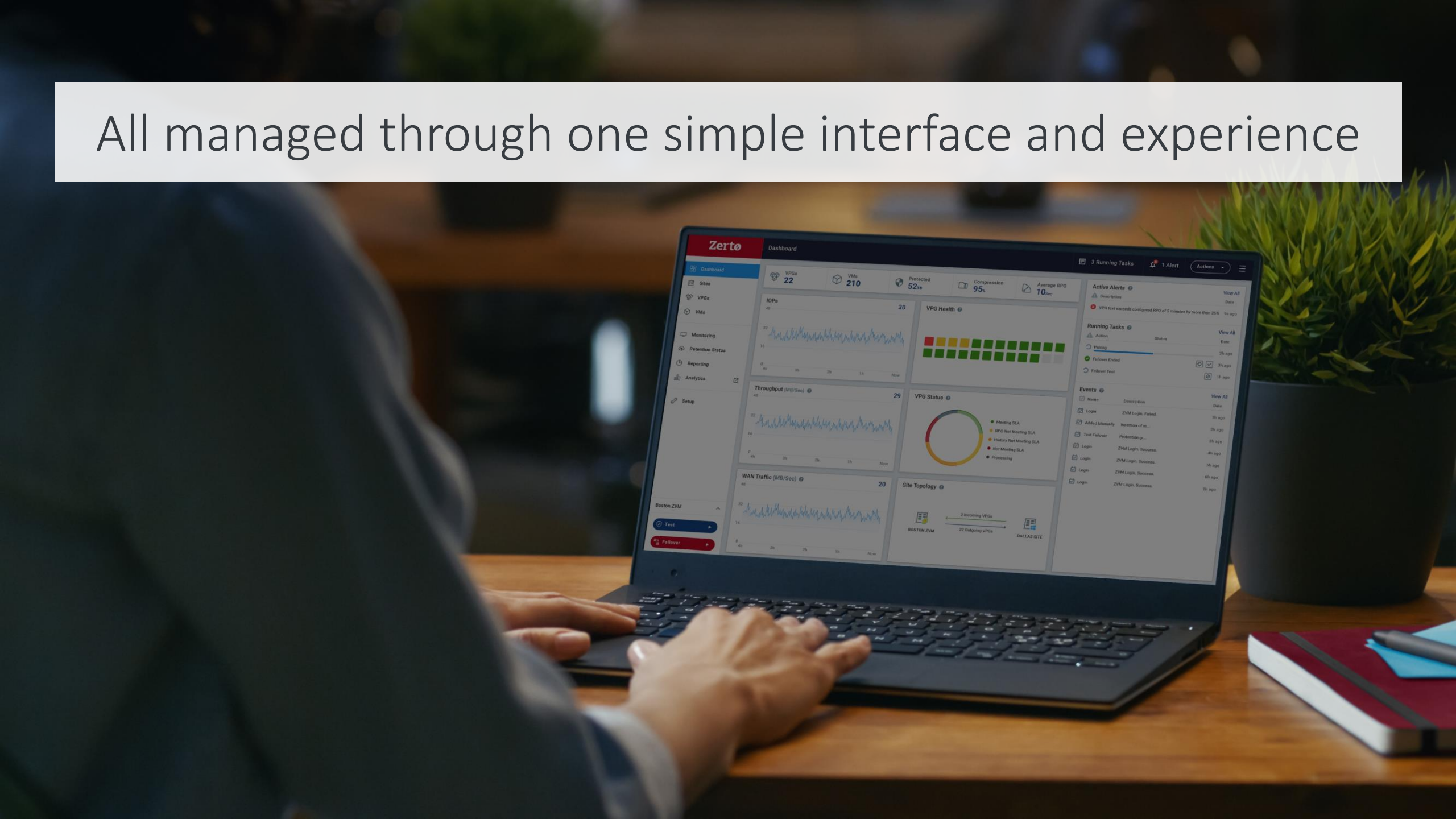
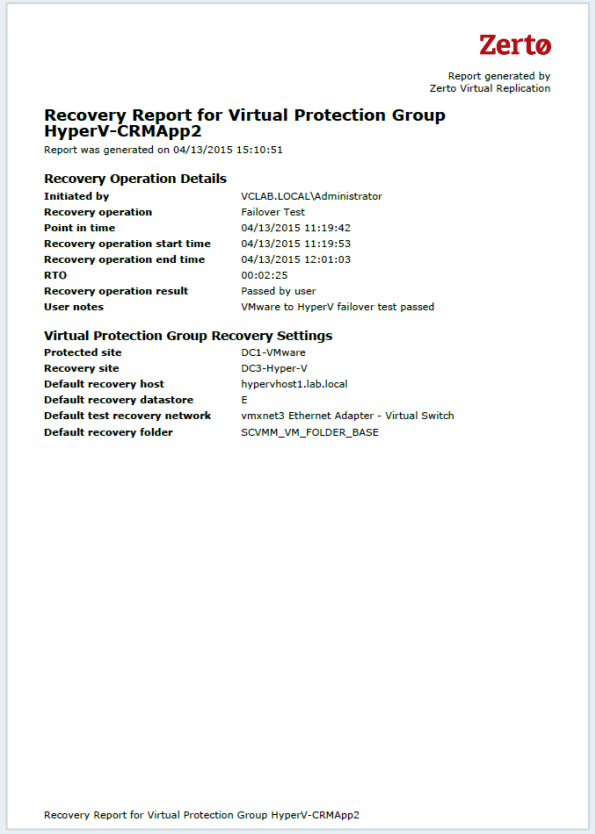
All managed through one simple interface and experience



Testing Recovery and Reporting

Regulatory Compliance



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Report generated by
Zerto Virtual Replication

Recovery Report for Virtual Protection Group HyperV-CRMApp2

Report was generated on 04/13/2015 15:10:51

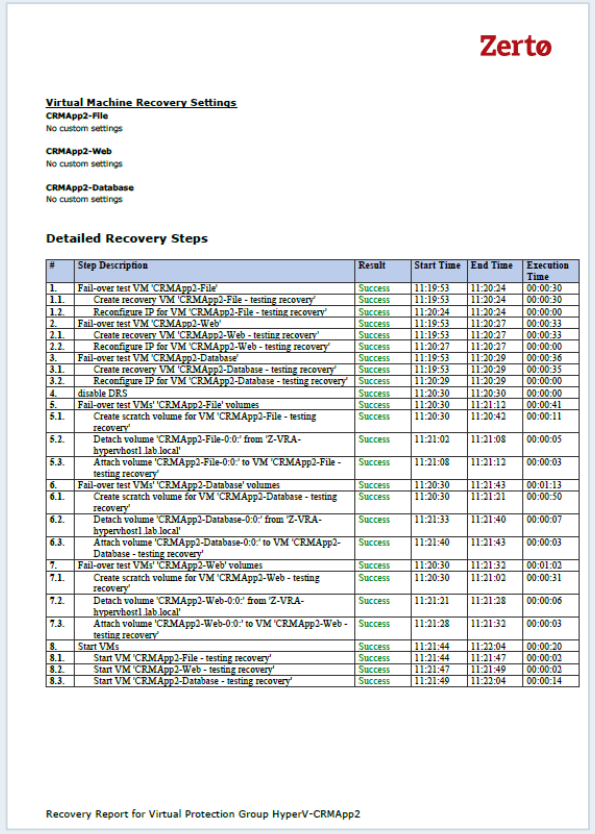
Recovery Operation Details

Initiated by	VCLAB.LOCAL\Administrator
Recovery operation	Failover Test
Point in time	04/13/2015 11:19:42
Recovery operation start time	04/13/2015 11:19:53
Recovery operation end time	04/13/2015 12:01:03
RTO	00:02:25
Recovery operation result	Passed by user
User notes	VMware to HyperV failover test passed

Virtual Protection Group Recovery Settings

Protected site	DC1-VMware
Recovery site	DC3-Hyper-V
Default recovery host	hypervhost1.lab.local
Default recovery datastore	E
Default test recovery network	vmxnet3 Ethernet Adapter - Virtual Switch
Default recovery folder	SCVMM_VM_FOLDER_BASE

Recovery Report for Virtual Protection Group HyperV-CRMApp2



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Virtual Machine Recovery Settings

CRMApp2-File
No custom settings

CRMApp2-Web
No custom settings

CRMApp2-Database
No custom settings

Detailed Recovery Steps

#	Step Description	Result	Start Time	End Time	Execution Time
1.	Fail-over test VM 'CRMApp2-File'	Success	11:19:53	11:20:24	00:00:30
1.1.	Create recovery VM 'CRMApp2-File - testing recovery'	Success	11:19:53	11:20:24	00:00:30
1.2.	Reconfigure IP for VM 'CRMApp2-File - testing recovery'	Success	11:20:24	11:20:24	00:00:00
2.	Fail-over test VM 'CRMApp2-Web'	Success	11:19:53	11:20:27	00:00:33
2.1.	Create recovery VM 'CRMApp2-Web - testing recovery'	Success	11:19:53	11:20:27	00:00:33
2.2.	Reconfigure IP for VM 'CRMApp2-Web - testing recovery'	Success	11:20:27	11:20:27	00:00:00
3.	Fail-over test VM 'CRMApp2-Database'	Success	11:19:53	11:20:29	00:00:36
3.1.	Create recovery VM 'CRMApp2-Database - testing recovery'	Success	11:19:53	11:20:29	00:00:35
3.2.	Reconfigure IP for VM 'CRMApp2-Database - testing recovery'	Success	11:20:29	11:20:29	00:00:00
4.	disable DRS	Success	11:20:30	11:20:30	00:00:00
5.	Fail-over test VMs' 'CRMApp2-File' volumes	Success	11:20:30	11:21:12	00:00:41
5.1.	Create scratch volume for VM 'CRMApp2-File - testing recovery'	Success	11:20:30	11:20:42	00:00:11
5.2.	Detach volume 'CRMApp2-File-0:0:' from 'Z-VRA-hypervhost1.lab.local'	Success	11:21:02	11:21:08	00:00:05
5.3.	Attach volume 'CRMApp2-File-0:0:' to VM 'CRMApp2-File - testing recovery'	Success	11:21:08	11:21:12	00:00:03
6.	Fail-over test VMs' 'CRMApp2-Database' volumes	Success	11:20:30	11:21:43	00:01:13
6.1.	Create scratch volume for VM 'CRMApp2-Database - testing recovery'	Success	11:20:30	11:21:21	00:00:50
6.2.	Detach volume 'CRMApp2-Database-0:0:' from 'Z-VRA-hypervhost1.lab.local'	Success	11:21:33	11:21:40	00:00:07
6.3.	Attach volume 'CRMApp2-Database-0:0:' to VM 'CRMApp2-Database - testing recovery'	Success	11:21:40	11:21:43	00:00:03
7.	Fail-over test VMs' 'CRMApp2-Web' volumes	Success	11:20:30	11:21:33	00:01:02
7.1.	Create scratch volume for VM 'CRMApp2-Web - testing recovery'	Success	11:20:30	11:21:02	00:00:31
7.2.	Detach volume 'CRMApp2-Web-0:0:' from 'Z-VRA-hypervhost1.lab.local'	Success	11:21:21	11:21:28	00:00:06
7.3.	Attach volume 'CRMApp2-Web-0:0:' to VM 'CRMApp2-Web - testing recovery'	Success	11:21:28	11:21:32	00:00:03
8.	Start VMs	Success	11:21:44	11:22:04	00:00:20
8.1.	Start VM 'CRMApp2-File - testing recovery'	Success	11:21:44	11:21:47	00:00:02
8.2.	Start VM 'CRMApp2-Web - testing recovery'	Success	11:21:47	11:21:49	00:00:02
8.3.	Start VM 'CRMApp2-Database - testing recovery'	Success	11:21:49	11:22:04	00:00:14

Recovery Report for Virtual Protection Group HyperV-CRMApp2

- GDPR
- PCI
- ISO
- SOX
- HIPAA
- SEC

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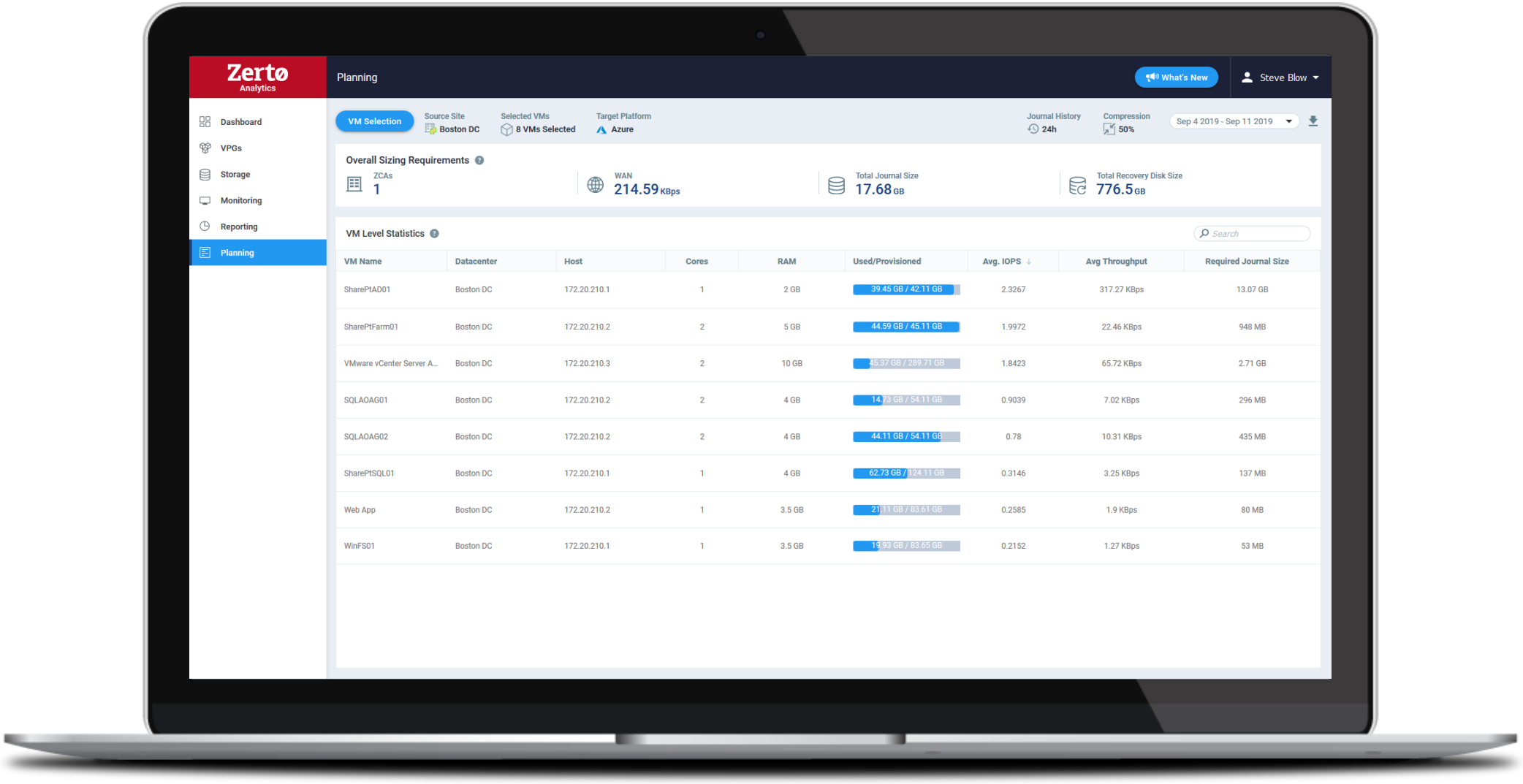
Simplified Deployments with Planner



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Impact – Why Zerto?

" We need to have a robust BC/DR solution that is reliable and will meet our service levels. With array-based replication, we had to have extensive knowledge of how VMs were mapped to LUNs and it required significant scripting and workarounds. We cannot afford this risky process for BC/DR. **Zerto demonstrated its simplicity immediately – it was up and running in 90 minutes. It was simple, reliable and easily met our internal and external requirements for data protection**."

"Before Zerto our DR Tests would never be complete until the next day and they needed monitoring the whole time. **Now we can do it at any time of day and have a report ready in less than 5 minutes**. It's just so easy and controlled that anyone can do it!"

"One of the key attributes of ZVR is, as long as VMware supports it, Zerto can support it. **We are looking to migrate older applications, which could have been a very complex and costly process. With Zerto, not only is the process efficient, it is so simple.** We just select the virtual machines and migrate them over. **This could have taken us months using a traditional solution."**

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IT RESILIENCE