

Veeam and Pure Storage

Ransomware Recovery: Are you prepared?

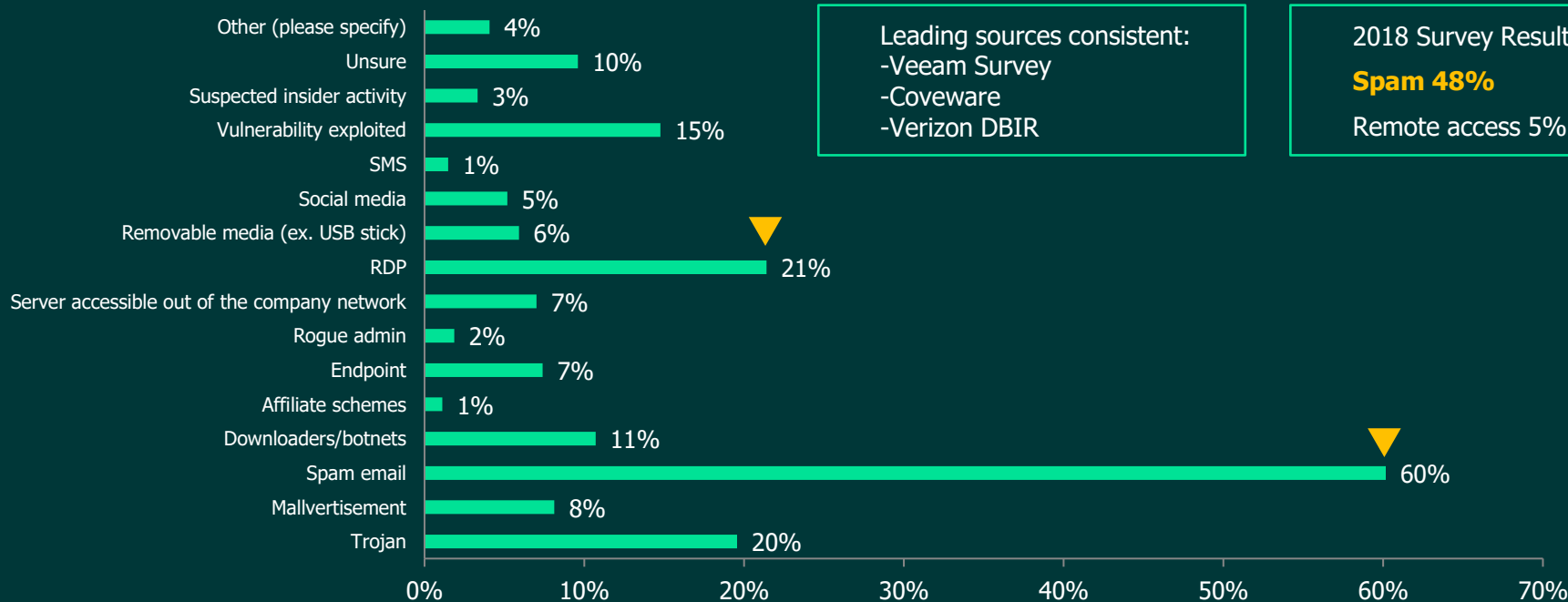
Herbert Szumovski

herbert.szumovski@veeam.com

Senior Systems Engineer



Observed ransomware sources



Q3 2021 Veeam Survey data

Backups are the last line of defense

If data is encrypted, the only recourse is to restore from your backups
Or pay and pray

After an Attack, You Need 2 things:

1. Valid, Usable Data Copies That were safe from the attack
2. Fastest Possible Recovery Because recovery needs may be extensive



Top-line objective

Reliable ransomware protection

Keep data safe with immutable and malware-safe storage repositories for backups and prevent malicious encryption and deletion.

Ransomware and Cyber Attack Recovery

PRE-BREACH

POST-BREACH

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Veeam

Possible Ransomware
Activity Alarm

Suspicious Backup
Increment Size

Secure Restore

PURESTORAGE.

FlashBlade
SafeMode

Immutable Backup
Repositories

Protect Veeam backups
with FlashBlade SafeMode

veeAM | PURESTORAGE.

Fast
Restore

Veeam Instant Recovery of
critical workloads

Rapid Flash-based Restore

Veeam Disaster
Recovery Orchestrator



Why Veeam Disaster Recovery Orchestrator?

Why organizations struggle

IT environments are



Large



Ever-changing

Recovery is



Complex



Fails

DR planning takes



Time



Resources

Veeam® Disaster Recovery Orchestrator **v5**

Key capabilities and what's new



Stress-free recovery

Veeam Disaster Recovery Orchestrator **v5**

Core capabilities



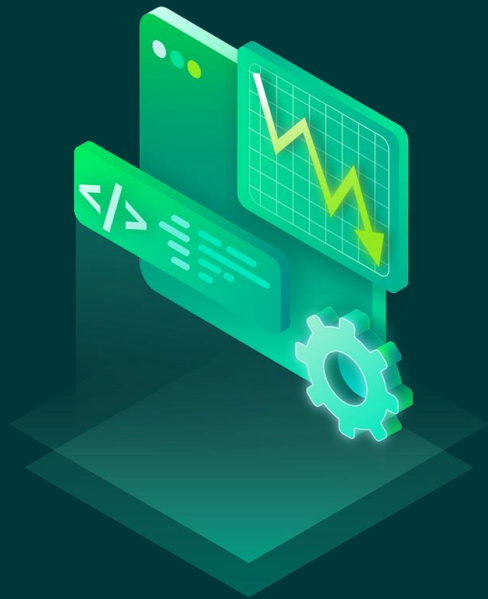
Automated risk
reduction



Save
valuable time



Restore confidence



Automated risk reduction

Reduce risk with a tried, tested and true DR plan, proven to work and managed from the same simple, yet powerful, tool



Deliver reliable DR for all applications



Maximize availability and uptime



Do more with your recovery environment

Automated risk reduction

Save valuable time

Restore confidence



Save valuable time

Automate the most time-intensive aspects of DR planning and execution



Automate documentation and testing



Verify and recover applications automatically



Orchestrate virtually any manual DR steps

Automated risk reduction

Save valuable time

Restore confidence

Restore confidence



Meet RPO and RTO requirements with one-click failover, failback and restores — from single apps to entire sites



Prove DR preparedness for compliance



Avoid RPO and RTO violations



Remain secure with Role-Based Access Control

Automated risk reduction

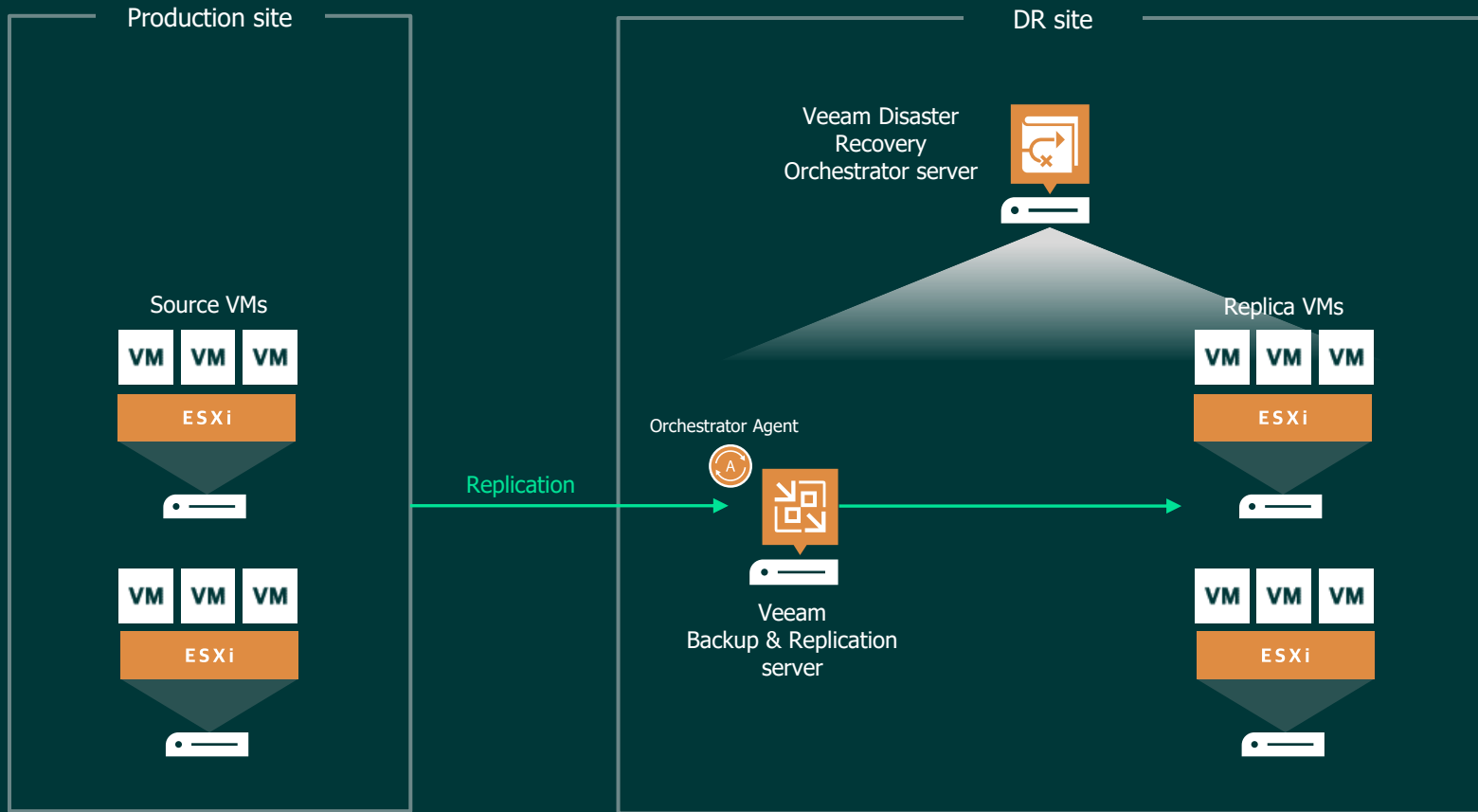
Save valuable time

Restore confidence

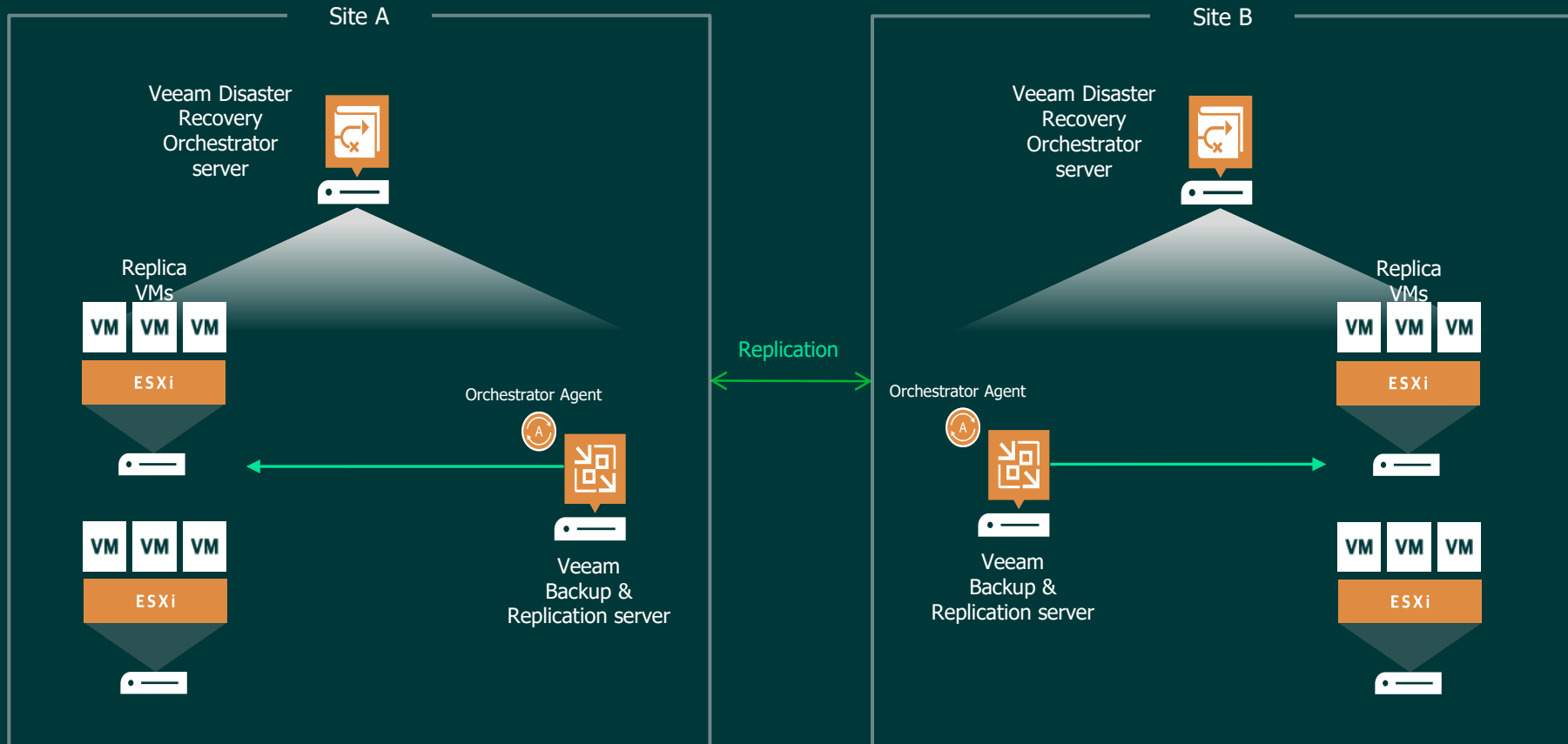


Veeam Disaster Recovery Orchestrator design & deployment

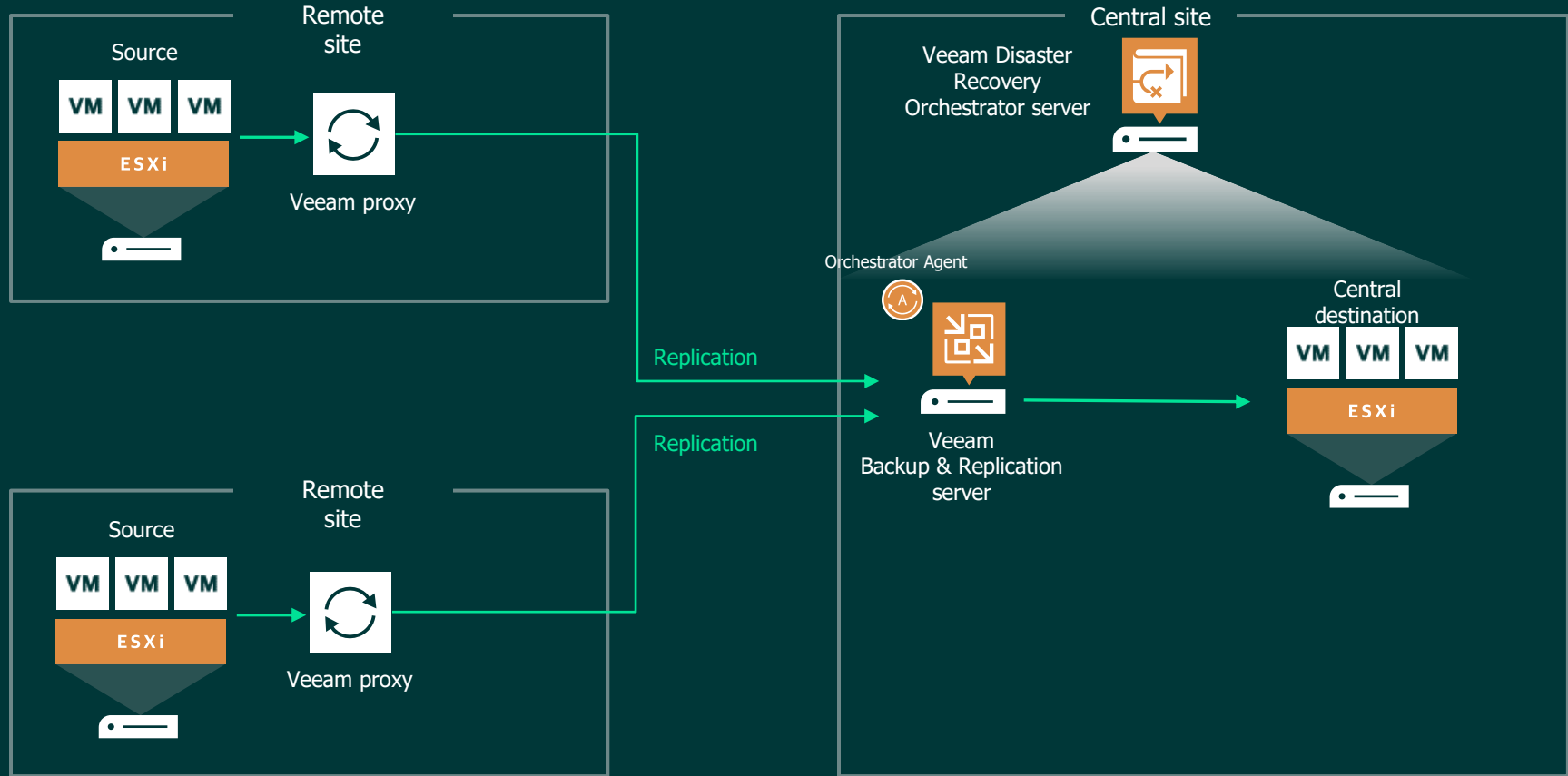
Active/Passive: Orchestration of VM restore or replica failover



Active/Active: Orchestration of VM restore or replica failover



Many/One (ROBO): Orchestration of VM replica failover



VDRO deployment

- Install Veeam Disaster Recovery Orchestrator Agent on all Veeam Backup & Replication servers
- Use embedded Veeam Backup & Replication for VDRO standalone deployment (orchestrating storage ONLY) and POC
- Embedded Veeam Backup & Replication is fully functional
- Embedded Veeam ONE is for VDRO categorization only
No performance data

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Veeam Disaster Recovery Orchestrator

Do more with your DR-Data



Test with production data

Powered by Veeam DataLabs



Disaster recovery
testing and
documentation



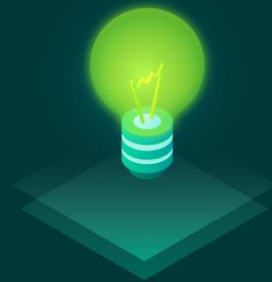
Patching &
security



Compliance &
analytics



Improve DevOps,
IT services
& operations



Recognize issues
you would
normally not
discover

Veeam Disaster Recovery Orchestration

Stress-free recovery



vmware®
CDP
Replica
Backup

One-click recovery



Exchange



Sharepoint



SQL Server



Active Directory

...and more!

Automated risk reduction



DR for all applications



Maximize availability



Instant test lab

Save time & restore confidence



Generate DR documentation



RPO and RTO verification



Test to prove compliance

Packaging and licensing



DR Pack is a value-added, flexible packaging option for Veeam Disaster Recovery Orchestrator

Protect all VMs at an exceptional value with DR Pack or protect your most critical VMs with Standalone.

DR Pack licenses must match the total number of VMware vSphere VMs licensed in Veeam Availability Suite™ or Veeam Backup & Replication.

Veeam Disaster Recovery Orchestrator

DR Pack

Standalone

VMware vSphere VMs to protect

All VMs

Only critical VMs

veeAMON TOUR

Optimieren Sie Ihre Strategie für eine Moderne Datensicherung



Linz | 8. Juni 2022
Wien | 9. Juni 2022