



# Tintri ReplicateVM™ Software

## High-Performance Per-VM Replication for Data Protection and Disaster Recovery

Tintri, smart storage that sees, learns and adapts, manages your storage at the VM level to overcome challenges posed by traditional replication technology with simple high-performance VM-level replication to enable flexible data protection in virtual environments. Tintri ReplicateVM simplifies enterprise data protection and disaster recovery in virtual environments with VM-level customizable policies, integrated deduplication and compression (for reduced WAN bandwidth of up to 95 percent), and easy-to-use failover, migration, and testing capabilities.

ReplicateVM natively integrates with VMware Site Recovery Manager (SRM), bringing the simplicity and efficiency of Tintri per-VM replication to SRM. Tintri's Storage Replication Adapter (SRA) enables administrators to:

- Setup and execute recovery plans in minutes
- Automate workflows such as site failover, planned migrations and failback
- Perform DR testing in an isolated infrastructure without disrupting the production infrastructure

ReplicateVM works with the optional SecureVM software for encryption of data at rest, and supports replication between SecureVM-encrypted VMstores and between encrypted and non-encrypted VMstores for maximum flexibility.

### 5 Things to Know about Tintri ReplicateVM

1. Industry's first array-side per-VM data replication with simple one-click data protection policies on a per-VM level
2. Easily clone VMs to remote Tintri VMstore systems
3. VM-aware intelligence reduces WAN bandwidth utilization by up to 95 percent
4. Integration with VMware Site Recovery Manager brings the power and simplicity of VM-level replication to SRM's robust disaster recovery orchestration
5. Use with SecureVM for encryption-at-rest whenever required, such as at remote sites or for your most critical data

### 5 Things You Won't Miss about Data Protection with Legacy Storage

1. Painstaking ongoing efforts to maintain replication and data protection policies
2. Doing everything at LUN and volume level, when what you care about are VMs
3. Inefficient WAN bandwidth utilization and long recovery times
4. Slow recovery of individual VMs
5. The inability to quickly test DR readiness without impacting production infrastructure

*"I've never seen per-VM replication functionality on any other storage I have used. With Tintri, we don't have to re-engineer our virtual infrastructure to make replication work efficiently. Being able to set up snapshot and replication schedules on a per-VM basis has enabled us to save a great deal of time. Per-VM replication allows us to recover specific VM instances, so we can recover the environment more efficiently. Given the testing we have done so far, I expect it to help us reduce the time spent on the disaster recovery process by a factor of 10."*

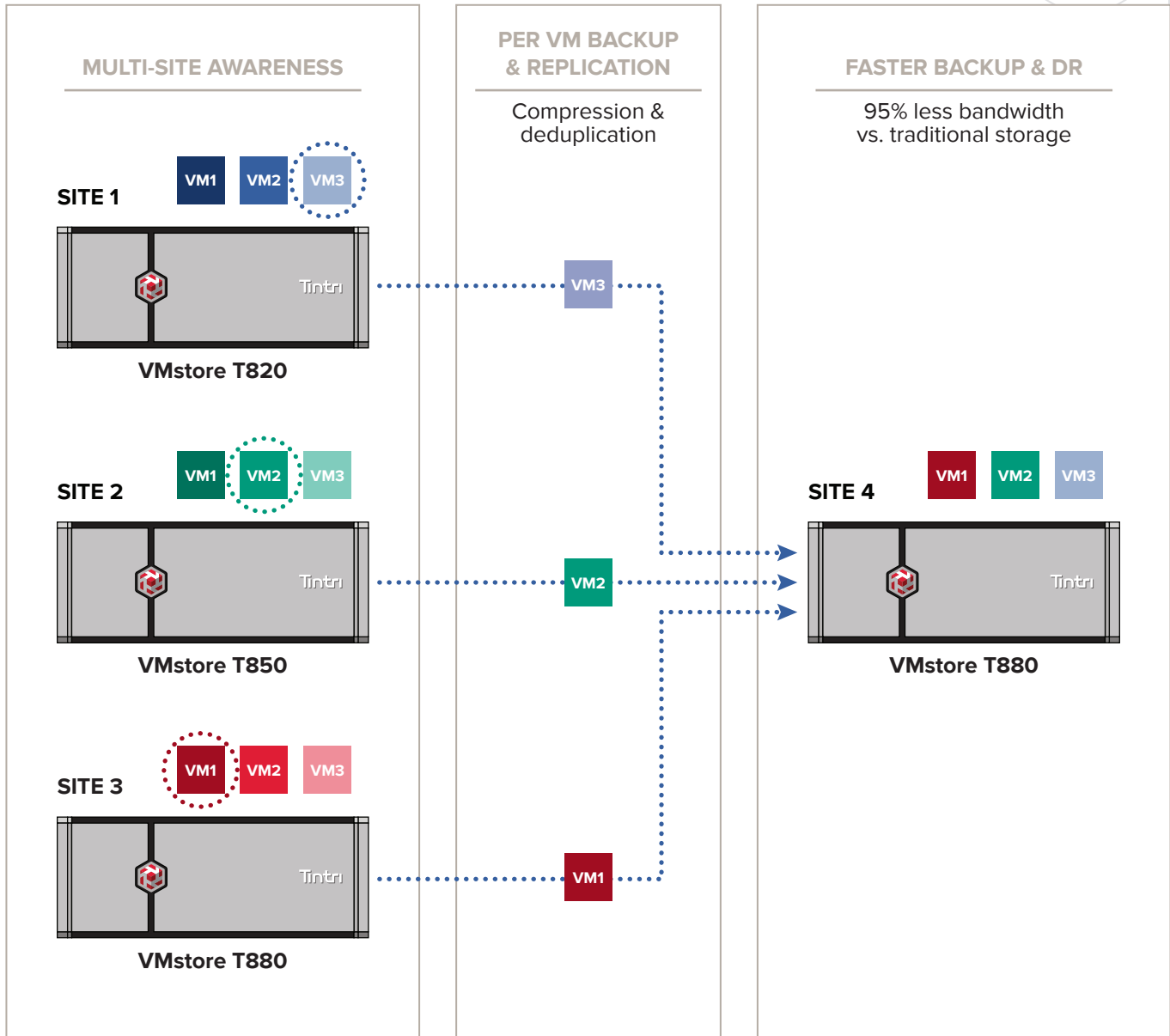
— Ross Alaspa

application server architect at AMD



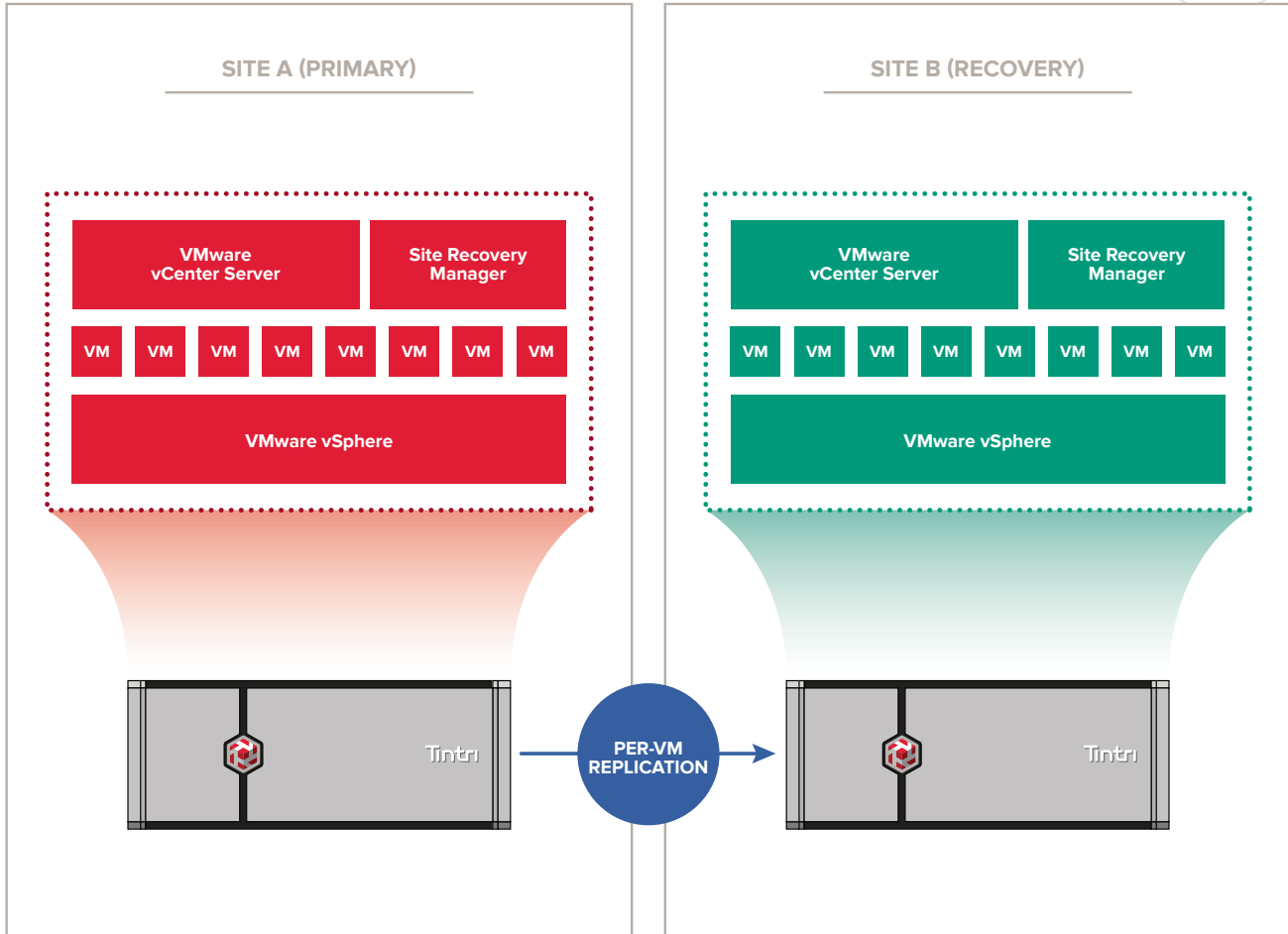
# How does it work?

## Replicate VM Data Protection and Disaster Recovery



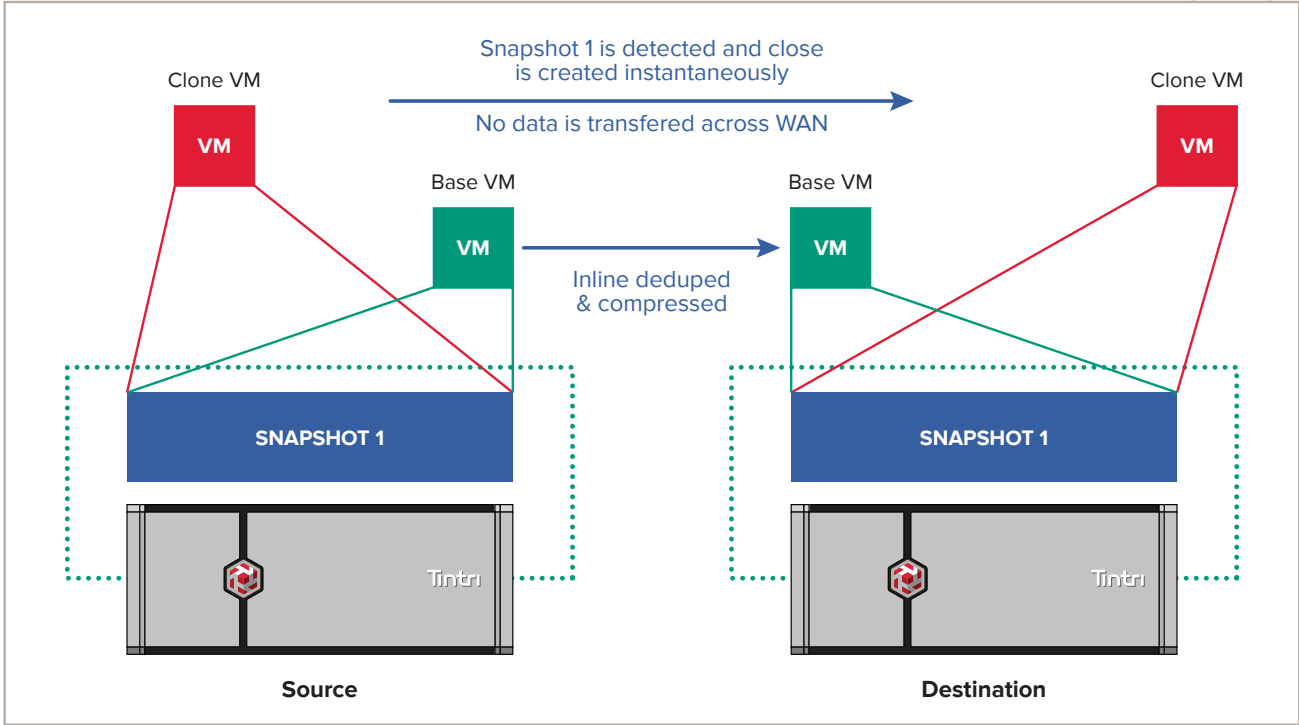
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## VMware Site Recovery Manager with ReplicateVM

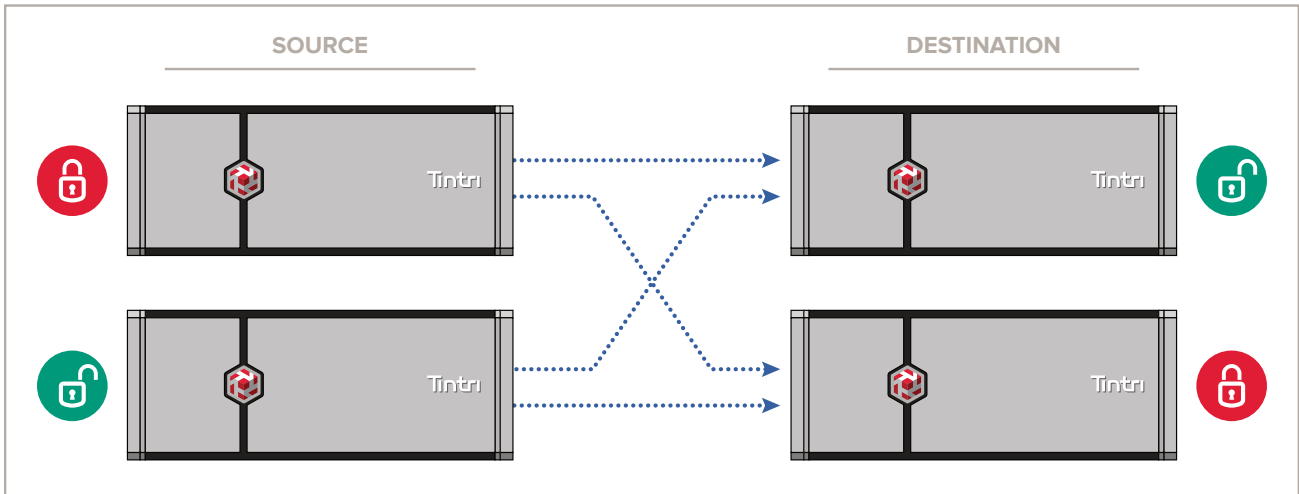


# How does it work?

## VDI and Test/Dev



## Replicate Between Encrypted and Non-Encrypted VMstores



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