# veeam ∎ NetApp

Veeam Disaster Recovery Orchestrator and NetApp ONTAP

# 1-click site recovery and DR testing for NetApp ONTAP snapshot copies

Veeam is excited to continue partnering with NetApp for the release of Veeam Disaster Recovery Orchestrator v4, which continues to innovate and expand your DR recovery capabilities.

## Reliable recovery

- Perfectly sequenced orchestration of failover, failback and restores and the migration of single, tens or hundreds of applications

- Out-of-the-box integration with ONTAP Snapshots and SnapMirror replication, including custom scripting, steps and parameters to verify the functionality of any mission-critical virtual machines (VMs) and applications like Exchange, SQL, SharePoint and IIS.

- Delegated role-based access to orchestration planning, testing and resources

- Intuitive web-based console, accessible from wherever an internet connection is present for desktops, laptops and tablets
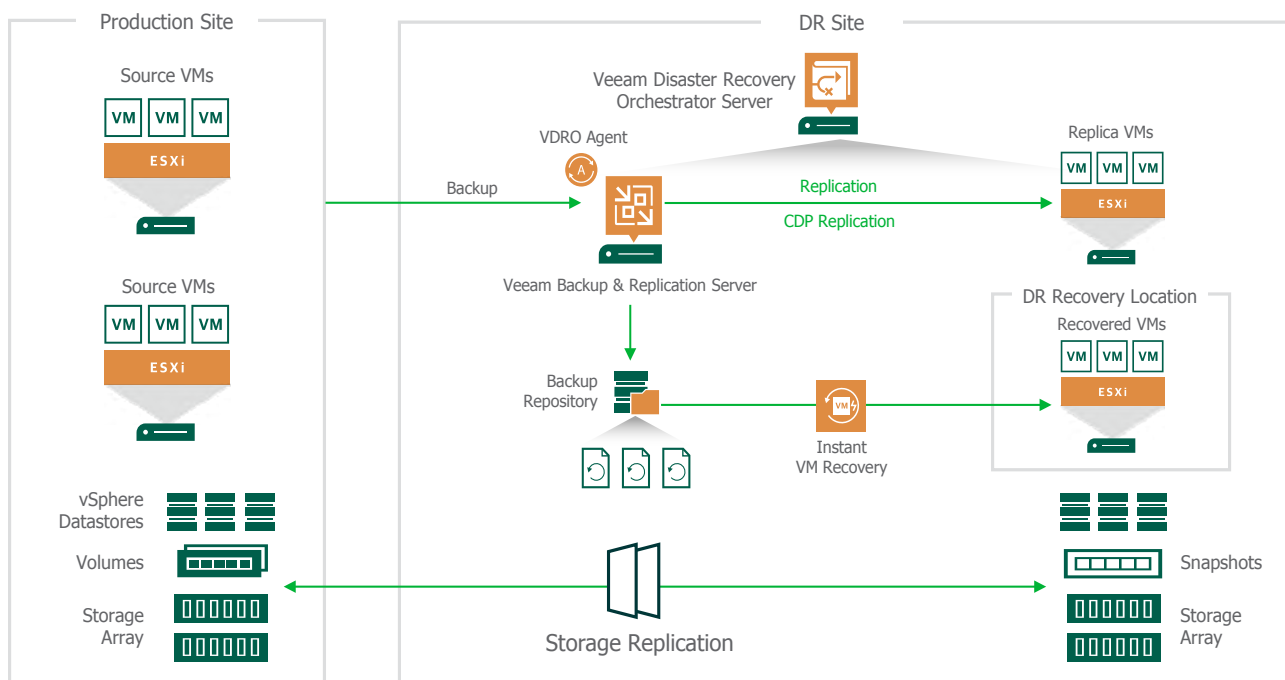
## Latest Release

### 1-click site recovery with near-zero downtime for NetApp ONTAP snapshots and CDP

Veeam Disaster Recovery Orchestrator v4 offers support for automating and orchestrating recoveries from ONTAP snapshots, Veeam backups, replicas and the all-new Continuous Data Protection (CDP) replicas. With the NEW CDP capability in Veeam Backup & Replication™ v11 and CDP replica support in VDROv4, Veeam expands backup and disaster recovery functionality across your entire environment all while making recovery faster and easier.

Veeam users are able to tap into these key benefits of CDP:

- **Plan with confidence:** New readiness checks include RPO and SLA data for every CDP-protected VM, confirming you will meet your business requirements



Deployment scenario for orchestration from NetApp SnapMirror and CDP Replication

- **Recover in real-time:** Directly orchestrate the failover of CDP replicas with RPOs measured in seconds, validating and testing applications as replicas come online
- **Track and audit:** Detailed reports on all aspects of DR with granular details of CDP checks and failovers, planned configuration tracking and change log visibility

## Automated testing

- Rigorous on-demand testing options in an isolated sandbox, leaving zero impact on the production systems
- Confidently release proven-to-work updates, patches and new software through secure and reliable testing
- Automate testing with both scheduled and on-demand options
- Plan with the "readiness checks" option to verify that orchestration plans match the environment's current configuration and are ready-to-run

## Dynamic documentation

- Automatically document the orchestration steps and precise processes necessary for a timely and successful recovery
- Built-in change tracking for all orchestration plans, including what changed, by whom and when
- Demonstrate at a moment's notice the health and compliance of DR plans, tests and recoveries to executives, auditors and regulatory bodies like SOX, GDPR and HIPAA

- Actionable, easy-to-use reports and analytics automatically generated after every test, failover and recovery to documented recovery time objective (RTO) and recovery point objective (RPO) outcomes

## Granular Role-Based Access Control

Assign control to your teams to maximize productivity and:

- **Empower application owners** to take control of their DR plans
- **Enable operations teams** to test and execute plans with one-click
- **Assign user roles and site scopes** to provide granular RBAC

## End-user management made easy

Streamline the user management experience with:

- **Integrated VM Console** to allow users direct access to their VMs
- **RESTful API** to integrate automation and securely launch orchestration plans
- **Control** access during a DR test or after recovery

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