

VMWARE CERTIFIED APPLICATION RECOVERY

Orchestrating Instant Recovery of Applications directly from Unitrends Enterprise Backup (UEB) & Recovery Series Appliances (RS) Backup Data

Unitrends ReliableDR pioneered the concept of Disaster Recovery Assurance to automate and test DR procedures for flawless failover of virtualized applications across data centers, and application-consistent recovery. ReliableDR automates all tasks associated with recovery, from infrastructure configurations all the way up the stack to application certification. It allows service delivery managers to manage to SLAs that are meaningful to the line of business, and demonstrate compliance with Business Continuity requirements.

VMware Certified Application Recovery (VCAR) is an edition of ReliableDR that is specifically tailored for the Unitrends Enterprise Backup (UEB) and Recovery Series (RS) appliances to provide recovery assurance of backup data. VCAR guarantees the Instant Recovery of mission-critical vSphere applications protected UEB/RS Appliances, assuring recovery and continuity through a high level of automation and orchestration.

VCAR certifies recovery by applying rules that measure the correct operation of restored VMs, ensuring fully operational applications within a specified RTO and RPO. Recovery points that are certified are retained as Certified Recovery Points (CRPs) and the certification status is shown in the Backup Reports:

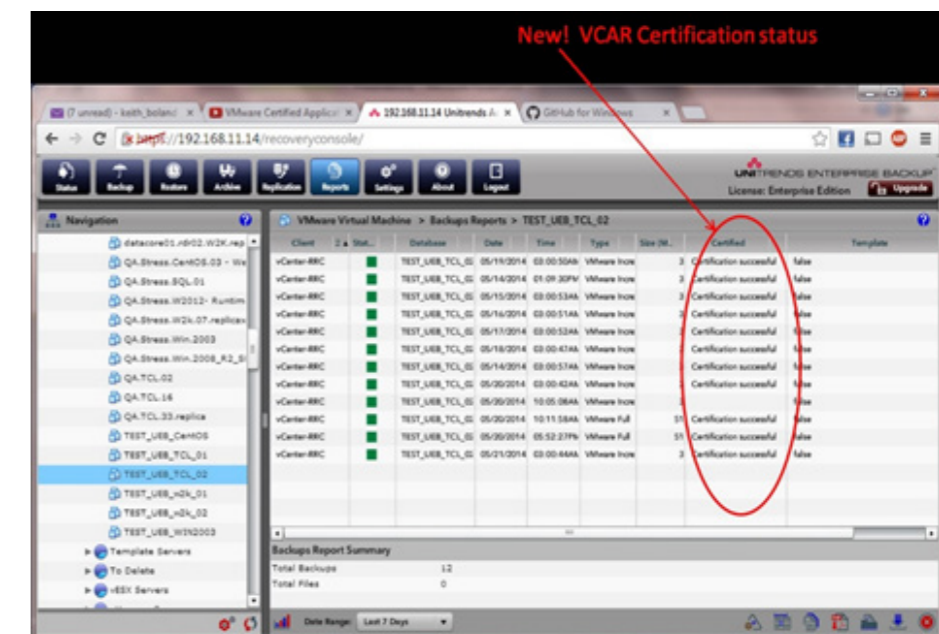


Figure 1 Certified Recovery integrated with Backup Reports

Authorized Distributor

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Recovery jobs can be scheduled as often as required without impact on the production environment providing:

- **Recovery Time Actuals and RTO compliance** - VCAR measures the time to application availability from an Instant Recovery, and compares it to the RTO in order to ensure compliance with recovery SLAs.
- **Automated RPO compliance** - VCAR compares the age of CRPs against application-level RPOs and raises alerts if the last available CRP becomes stale.
- **Pushbutton failover** - When used with Unitrends replication across sites, VCAR provides pushbutton failover automation to instantly recover vSphere applications within a DR site, meeting compliance recovery SLAs.
- **Dashboard and Compliance Reporting** - VCAR's powerful reporting provides all corporate stakeholders proof that recovery from backup is continuously tested and meeting agreed SLAs. Compliance reporting is available with both real-time and historical SLA measurements, as well as step-by-step traces to satisfy detailed auditing requirements.
- **Application-centric recovery** - Application-specific testing ensures that the recovery is measured across multi-tiered applications and not just single VMs, ensuring alignment between IT recovery and business process recovery.

Use Cases

For single-site Unitrends UEB/RS appliance customers, users can routinely and iteratively verify recovery for local backups, without manual intervention, and view business-centric dashboards showing recovery compliance and Recovery Time Actuals.

For multi-site Unitrends UEB/RS appliance customers that replicate Unitrends backups to another location with VCAR, users can obtain full DR compliance proof that recovery will work in a complete outage of the production site. Pushbutton failover automation is available to remove the need for manual steps or tasks that require special skills.

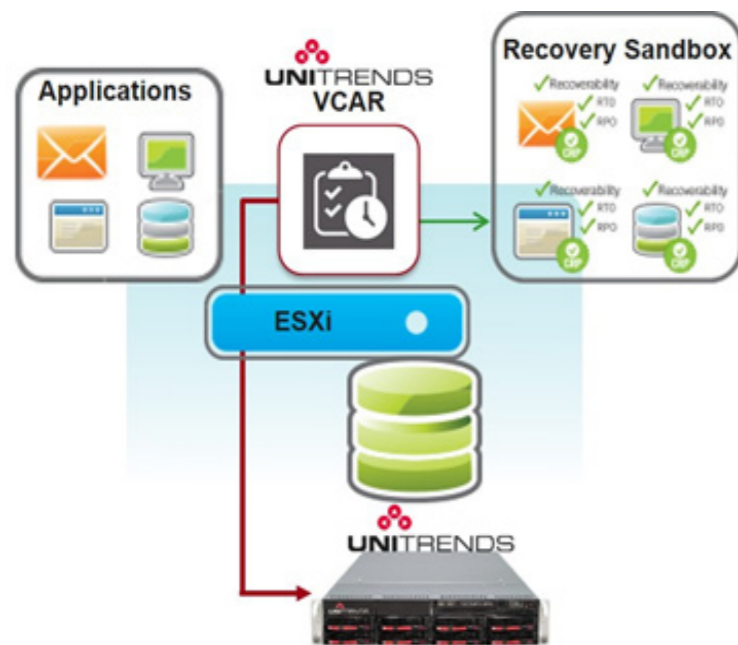


Figure 2 Orchestrates Instant Recovery in Single Production Site

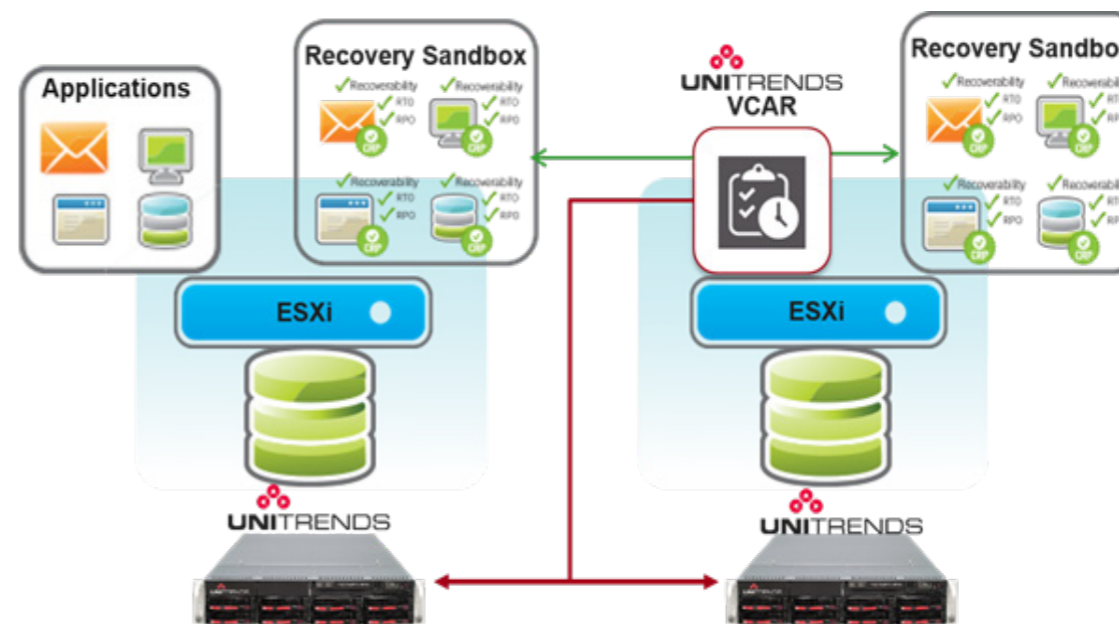


Figure 3 Orchestrates Instant Recovery at Production Site and DR Site

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Download Trial at:
<http://www.unitrends.com/products/software/v-car>

About Unitrends

Unitrends provides physical, virtual and cloud-based protection and recovery for every organization's most valuable assets: its data and applications. Supported by a "crazy-committed" customer service model based on engagement, experience and excellence, the company consistently achieves a 98 percent customer satisfaction rating and lets everyone play IT safe by delivering the best cost-to-value ratio in the data protection and disaster recovery industry. Visit www.unitrends.com.

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