

THE FUTURE OF BACKUP

Top Tech Trends That Will Simplify Your Job and Protect Your Data

For decades, Veritas has helped millions of customers protect their data... and the future of backup technology promises even more automation, ease, speed and security. Read on for Veritas' predictions on which enterprise data protection and information management trends will protect customer data for years to come.



1 DISK-TO-DISK-TO-CLOUD (D2D2C) DATA PROTECTION

- Greater choice of economical cloud storage options
- Fast recovery from onsite storage and appliances
- Long-term data retained in cloud

Higher service levels at lower cost



2 CLOUD-BASED DISASTER RECOVERY (DR)

- Cloud infrastructure services at a moment's notice
- D2D2C backup and replication
- Recover-in-place technologies

Faster recovery and easier DR testing at much lower cost



3 HYPERVISOR-CENTRIC STORAGE VOLUMES

- Storage provisioned at VM rather than LUN level
- Snapshot and replication services for each VM
- More feasible multi-vendor, commodity storage

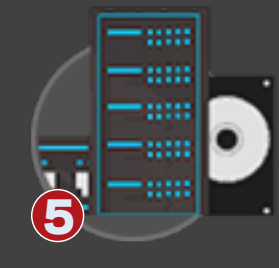
Management of snapshots and replication at the VM level



4 CLOUD-TO-CLOUD (C2C) DATA PROTECTION

- More workloads migrate to cloud infrastructure
- Cloud workloads protected within the same cloud
- Replication between clouds through co-location centers

Maximized backup and recovery performance for cloud workloads



5 HYPER-CONVERGED INFRASTRUCTURE

- Emergence of software-defined data centers (SDDC)
- All resources become configurable and controllable through software
- Backup processes may eventually respond to similar controls

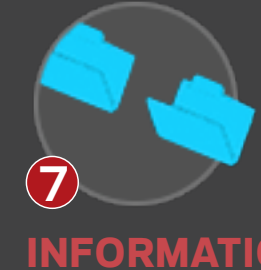
Greater automation, lower administrative overhead, and reduced risk of unprotected data



6 SOFTWARE-DEFINED BLUEPRINTS

- SDDCs proliferate
- Data center architectures or blueprints exist entirely within data
- Full SDDC recovery will require awareness and protection of blueprints

SDDCs are fully recoverable and don't require "reassembly"



7 INFORMATION ORCHESTRATION

- Minimize the number of stored data copies
- Leverage data copies for recovery, test, development, and analytics
- Centrally manage with self-service access

Reduced storage costs and increased organizational agility



8 METADATA ANALYSIS

- Holistic analysis of file metadata stored across the organization
- Used for eDiscovery and information governance
- Increased cloud adoption will drive greater demand

IT pros can make better decisions, optimize storage utilization, and mitigate business risks



9 100 TB TAPE MEDIA

- Shortly after 2020, single tape cartridges will be able to store 100 TB
- No monthly subscription fees or power/cooling costs
- Tape media will remain important in the archive storage tier

Improved economy for long-term, cold storage

SEE VERITAS IN YOUR FUTURE

Veritas designs the products that have delivered rock-solid backup and recovery for more than 20 years - and will continue to deliver reliable, innovative backup solutions for the future.

- Fully integrated backup and recovery solutions for physical, virtual and cloud infrastructure
- Scalable and cost-efficient options for small, mid-size or enterprise environments
- Long-term commitment to providing industry-leading technology

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