

DIFFERENT WAYS TO BACK UP VIRTUAL MACHINES

| | Backup and restore | Storage-based snapshots and replication | Continuous data protection (CDP) |
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| Recovery time objective (RTO) | The time it takes to restore virtual machine images and data | Near real-time | Near real-time |
| Recovery point objective (RPO) | The time between backups | The time between snapshots | Near zero |
| High-availability capable | No | Yes | Yes |
| Processing and resources overhead | Relatively high unless special tools like VMware Consolidated Backup are used | Very low | Very low |
| Ability to automate failover | No | Yes | Yes |