

Recovery Solutions: Where ARCA fits

Solution	Cost	RPO	RTO	TTO	Comments
Tape	Low	Days	Days	Days (not practical)	<ul style="list-style-type: none"> Slow, prone to errors Ideal for archiving, not for fast recovery
Server Imaging	Low	1-24 Hours	1-8 Hours	Hours (requires additional hardware)	<ul style="list-style-type: none"> Very limited restore flexibility No Mailbox Level Recovery No rapid failover server capability
Zenith ARCA	Low	15 minutes	15 minutes	Easy (no impact on production machines)	<ul style="list-style-type: none"> Rapid Restore/Testing Rapid Failover Server feature Up to 10:1 protection ratio No duplicate hardware
Replication	High	Minutes	Minutes	Risky (impact production)	<ul style="list-style-type: none"> Complicated Configuration Duplicate Hardware Limited Rollback capability Double S/W licenses
Clustering	High	Seconds	Seconds	Risky (impacts production)	<ul style="list-style-type: none"> Same as Replication

The **Recovery Time Objective (RTO)** is the duration of time and a service level within which a business process must be restored after a disaster (or disruption) in order to avoid unacceptable consequences associated with a break in business continuity.

The **Recovery Point Objective (RPO)** is the point in time to which you must recover data as defined by your organization. This is generally a definition of what an organization determines is an "acceptable loss" in a disaster situation.

The **Test Time Objective (TTO)** measures how easily a disaster recovery plan can be tested. It asks how rapidly you can test a disaster recovery solution with a certain level of confidence of service restoration.