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# Design a solution for backup and recovery

* recommend a recovery solution for Azure hybrid and on-premises workloads that meets recovery objectives (RTO, RLO, RPO)
* design and Azure Site Recovery solution
  + recommend a site recovery replication policy
  + recommend a solution for site recovery capacity
  + recommend a solution for site failover and failback (planned/unplanned)
  + recommend a solution for the site recovery network
* recommend a solution for recovery in different regions
* recommend a solution for Azure Backup management
* design a solution for data archiving and retention
  + recommend storage types and methodology for data archiving
  + identify business compliance requirements for data archiving
  + identify requirements for data archiving
  + identify SLA(s) for data archiving
  + recommend a data retention policy

# Design for high availability

* recommend a solution for application and workload redundancy, including compute, database, and storage
* recommend a solution for autoscaling
* identify resources that require high availability
* identify storage types for high availability
* recommend a solution for geo-redundancy of workloads