On Prem Requirements

* **On Premises**

**At least one on prem windows server with following roles**

* Config Server
* Process Server
* Master Target server

VM which needs to be protected need to have mobility service agent installed

Process Server - used for caching, compression and encryption

Config server – Used for centralized management and monitoring

Master Target – Used for target repository and retention

Mobility Server – Captures all data writes form memory and replication.

**Azure Requirements**

* Azure
* Azure subscription
* Virtual network
* Azure storage
* Azure recovery service vault.

Deployment Steps High level

High level

* Setup Azure network and storage accounts
* Create Recovery Service Vault in Azure
* Prepare on prem server which is going to act as config/process server
* Specify source. Target and replication policy
* Deploy the mobility service on the vm
* Enable replication for the vm
* Run a test failover

Recovery time objective (RTO): The amount of time that it takes to complete a recovery or restore.

Recovery point objective (RPO): The amount of acceptable data loss if a recovery needs to be done.