

Azure Site Recovery is a tool to help you recover from system outages.

**Azure Site Recovery
replicates workloads
between a primary
and a secondary site.**



Central Management



On-premises Virtual Machine replication



Azure Virtual Machine replication



App consistency during a failover



Flexible Failover

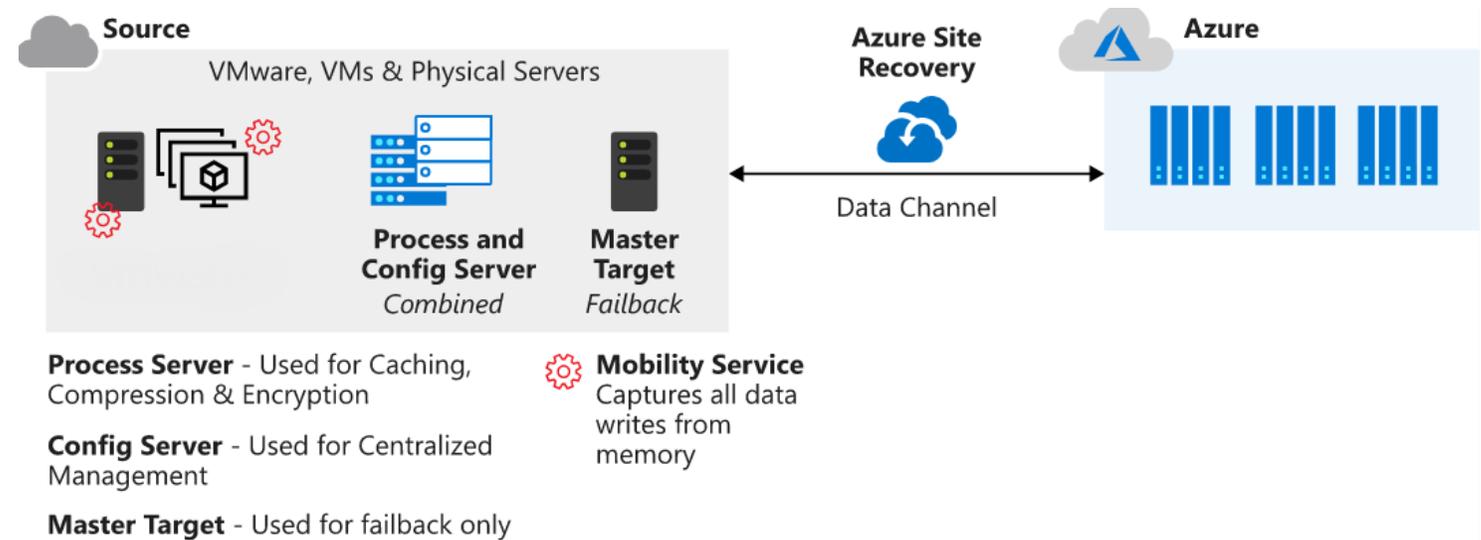


Network integration

Azure Site Recovery Architecture

To enable ASR some components must be set up:

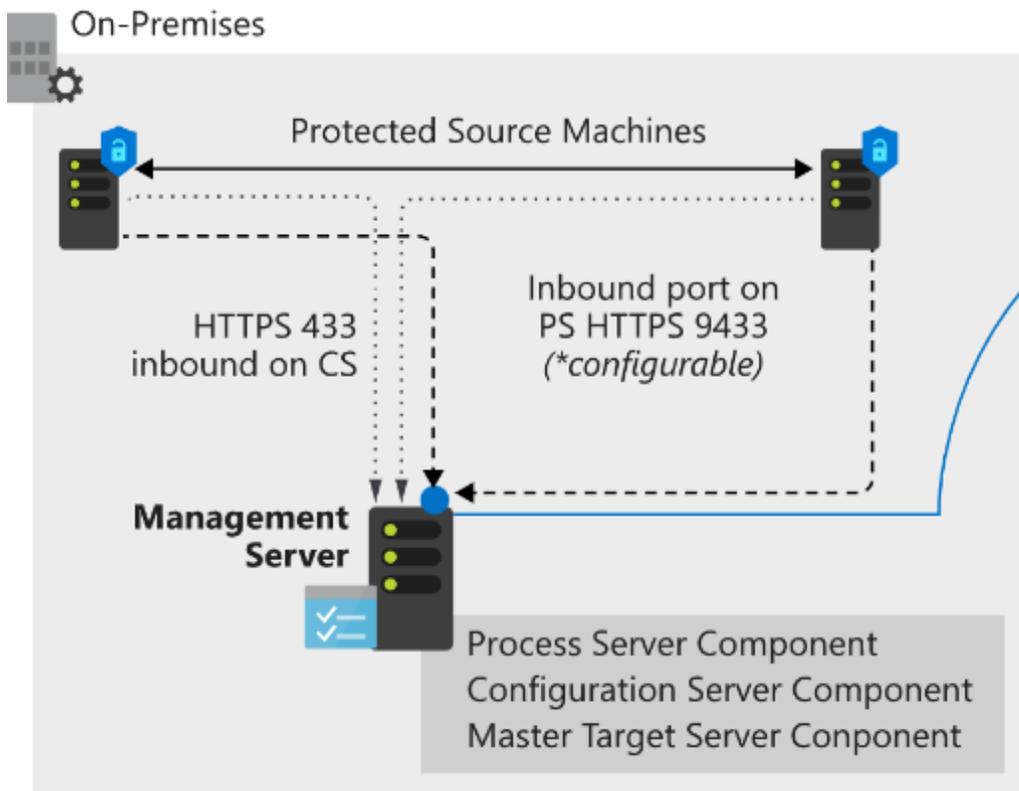
- Networking
- Recovery Services Vault
- Credentials
- Configuration Server



Replication Process

During the initial stages of the first copy, the Server data is replicated to Azure Storage.

After the initial replication finishes, a second replication occurs.



Data Replication
**

** Ensure that the following URL's are accessible from on-premises Windows 2012 R2 Management machine:

- *.hypervrecoverymanager.windowsazure.com
- *.accesscontrol.windows.net
- *.backup.windowsazure.com
- *.blob.core.windows.net
- *.store.core.windows.net

Additionally, Port 80 is required to be open on the management machine only during setup for MySQL download.