



Microsoft Azure Site Recovery Deployment Planner

Recommendations for VMware to Azure

#NAME?

(6/3/2018 - 6/3/2018)

Server Name: vCenter.nnlab.local

Desired RPO: 15

Profiling Overview

2

Total Profiled
Virtual Machines

2

Virtual Machines
Compatible
(Click for details)

0

Virtual Machines
Incompatible
(Click for details)

15

Desired RPO (minutes)

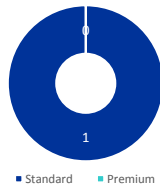
Required Network Bandwidth (Mbps) For Delta Replication



Achieved Throughput To meet RPO 90% of the time To meet RPO 100% of the time

[Recommendation: Use ExpressRoute](#)

Required Azure Storage Accounts Total: 1



Standard Premium

[Recommended VM placement plan](#)

Required Number of Azure Cores



10

[Learn more about Azure subscription limits](#)

Required On-Premises Infrastructure



1

Configuration Servers



0

Additional Process Servers

[Learn more about configuring these servers](#)

What if you provision lower bandwidth (Mbps):

1

If the bandwidth provided is

1 Mbps

you can achieve
15 minutes RPO

for
90% of the time

and you will have
0 RPO violations

RPO Violations over Profiling Period

Peak RPO per day



Recommended VM Batch Size for Initial Replication

IR of batch of
1 VMs

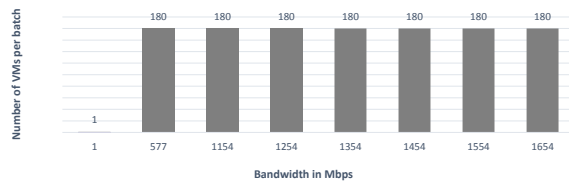
will complete within
72 hours

with allocated bandwidth of
1 Mbps

Recommended VM Batch Size for Initial Replication to Complete in (Hours):

72

Average detected VM size (GB): 28



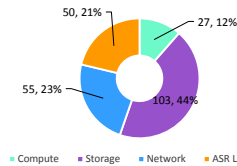
Cost estimation: #NAME?

Show per Month

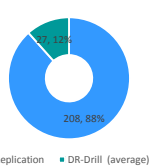
Total DR Cost per Month In US Dollar (\$)

\$235

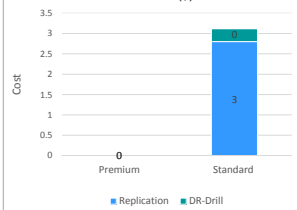
Cost by components



Cost by states



Azure Storage Cost per Month US Dollar (\$)



[View detailed cost analysis](#)

Growth factor considered for all virtual machines (%): 30

[Learn more](#)

Max value of IOPS and data churn of the profiled data considered for calculating bandwidth and Azure storage type:

[Learn more](#)

Write IOPS percentile: 95

Read/Write IOPS percentile: 95

Data churn percentile: 95

Note:

- Recommended network bandwidth should be dedicated for Azure Site Recovery replication
- Desired RPO implies acceptable delay of data transfer from on-premises to Azure
- Number of RPO violations identified are spread across the total duration of profiling days and not just for one day
- There may be multiple RPO violations occurred on a day - the RPO violations graph shows the peak RPO hit every day