



Infrastructure Assessment Summary

October 14, 2026

Infrastructure Overview

► Infrastructure Overview

Utilizing data collected over a month of activity, CMZ-demo evaluated your current infrastructure. The data uncovered and savings potential are found below.

Total Nodes	229
Total Disk	454
Total Bytes/month (GB)	21k
Hardware, Pay-as-you-go	\$723k
Workload, Pay-as-you-go	\$853k
License Cost	\$0
Total with License Cost	\$853k
Infrastructure Modernized, Pay as you go, SQL Hybrid Benefit	\$732k

► Approach

CMZ-demo analyzes your workload and projects that as an AZURE environment. The platform provides workload mapping to AZURE across a number of pricing plans. Below are a set of these plans created from the data-set collected.

→ Hardware Mapping

This is a like-to-like mapping of the system configurations to an equivalent AZURE instance and storage size. This mapping is based on system hardware specifications (e.g. number of CPUs, CPU speed, and assigned memory, disk size, etc.). This does not take actual workload or usage into account. TCO is estimated based on this configuration.

→ Workload Mapping

This mapping takes system configurations into account and incorporates actual workload and usage characteristics. That data is then projected to an AZURE environment. Mapping of instance sizes, storage, and network demand is provided and the TCO is estimated based on the suggested configuration.

➤ Total Cost of Ownership Overview

	Compute	Storage	Network	Total
Lift and Shift, Pay as you go	\$644k	\$71.2k	\$8k	\$723k
Infrastructure Modernized, Pay as you go	\$713k	\$132k	\$8k	\$853k
Infrastructure Modernized, Pay as you go, SQL Hybrid Benefit	\$592k	\$132k	\$8k	\$732k

➤ Lift and Shift, Pay as you go

Data Center	Est. Annual Compute Cost	Disks	Storage (GB)	Est. Annual Storage Cost	Est. Annual Storage IO Cost	Est. Annual Network IO Cost	Cost by Data Center
On Premise	\$330,013	238	83,254	\$38,241	\$0	\$1,488	\$369,742
VxRail-Datacenter	\$313,683	216	70,987	\$32,992	\$0	\$6,511	\$353,186
Total	\$643,695	454	154,241	\$71,234	\$0	\$7,999	\$722,928

➤ Infrastructure Modernized, Pay as you go

Data Center	Est. Annual Compute Cost	Disks	Storage (GB)	Est. Annual Storage Cost	Est. Annual Storage IO Cost	Est. Annual Network IO Cost	Cost by Data Center
On Premise	\$394,007	238	74,507	\$85,595	\$777	\$1,488	\$481,866
VxRail-Datacenter	\$318,950	216	43,089	\$43,360	\$2,169	\$6,511	\$370,990
Total	\$712,957	454	117,596	\$128,955	\$2,946	\$7,999	\$852,857

➤ Infrastructure Modernized, Pay as you go, SQL Hybrid Benefit

The following table demonstrates estimated annual cost of running these optimized instances using Infrastructure Modernized, Pay as you go, SQL Hybrid Benefit plans.

Data Center	Est. Annual Compute Cost	Disks	Storage (GB)	Est. Annual Storage Cost	Est. Annual Storage IO Cost	Est. Annual Network IO Cost	Cost by Data Center
On Premise	\$298,681	238	74,507	\$85,595	\$777	\$1,488	\$386,540
VxRail-Datacenter	\$293,476	216	43,089	\$43,360	\$2,169	\$6,511	\$345,516
Total	\$592,157	454	117,596	\$128,955	\$2,946	\$7,999	\$732,056

Workload Mapping: Infrastructure Modernized, Pay as you go, SQL Hybrid Benefit Design

Below is the workload analysis of the Infrastructure Modernized, Pay as you go, SQL Hybrid Benefit pricing plan. Three categories are evaluated: Compute, Storage and Network.

➤ Workload Optimization: Compute

Your infrastructure has 229 machines. CMZ-demo evaluated workload on those machines and found that only 228 machines were active, while 1 machine was turned off for the entire analysis duration. CMZ-demo identified that 57 machines had CPU as a bottleneck and 103 machines had memory as bottleneck while 42 machines were constrained by both CPU and Memory.

Compute Cost

\$592k

Per Year

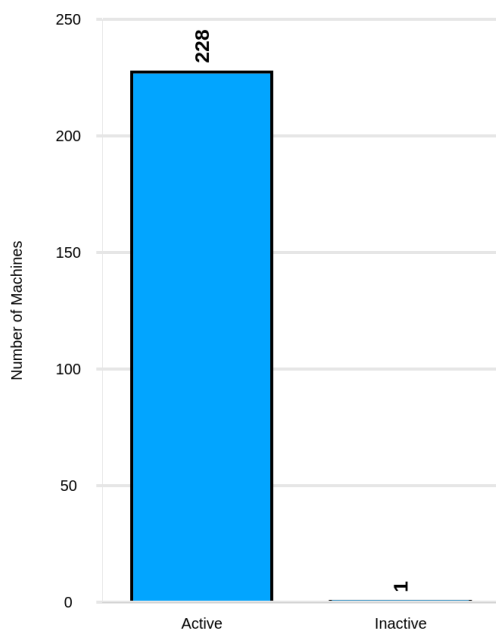
Total Machines Mapped

229

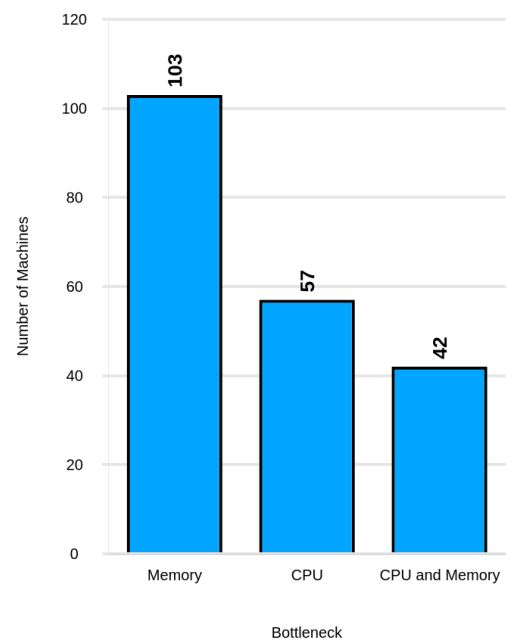
➔ Performance Breakdown

The charts below show the breakdown of Machines by their usage and performance bottleneck.

Number of Active VS. Inactive Machines

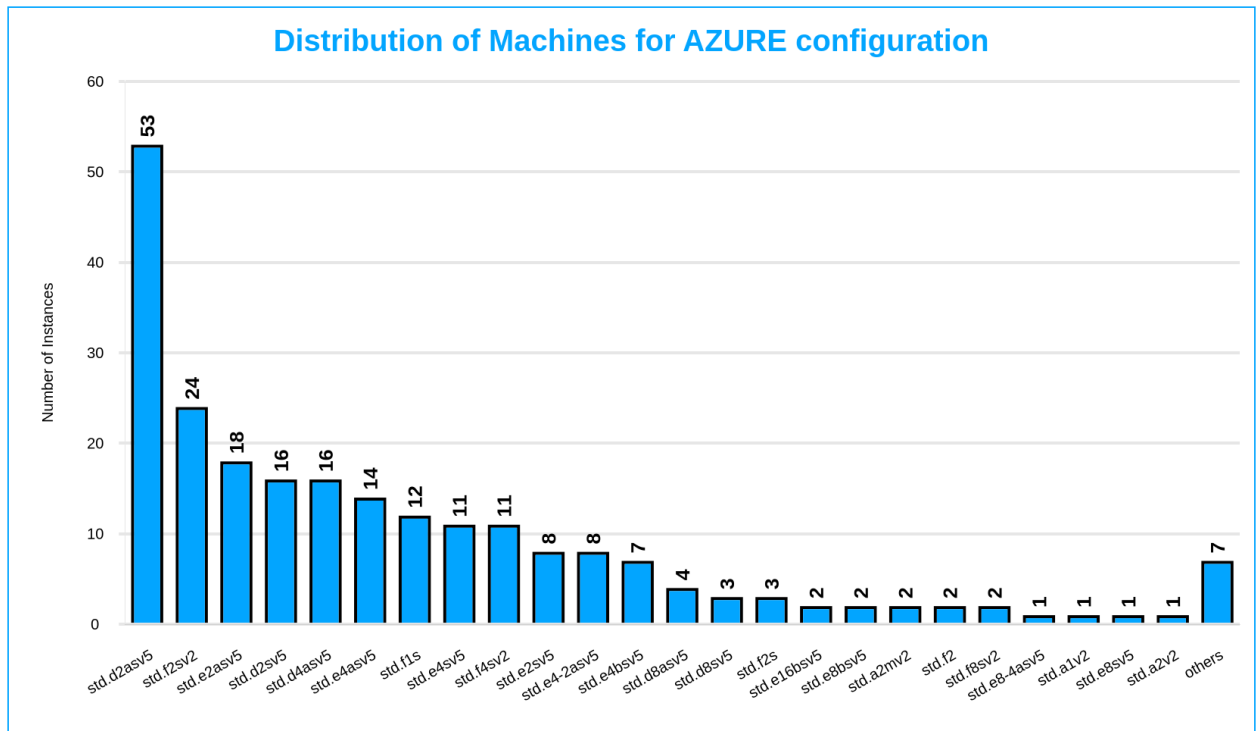


Machines by CPU and Memory bottleneck



→ Projected AZURE Instance Sizes

Based on your current workload, CMZ-demo recommends the following instance sizes for your AZURE environment post-migration.



Others: std.e20sv5, std.f8s, std.e8-4sv5, std.a8mv2, std.f4s, std.e2bsv5, std.f32sv2

➤ Workload Optimization: Storage

You will need to spend \$131,901 on storage when moved to AZURE. The storage breakdown is given below.

Storage Cost

\$132k

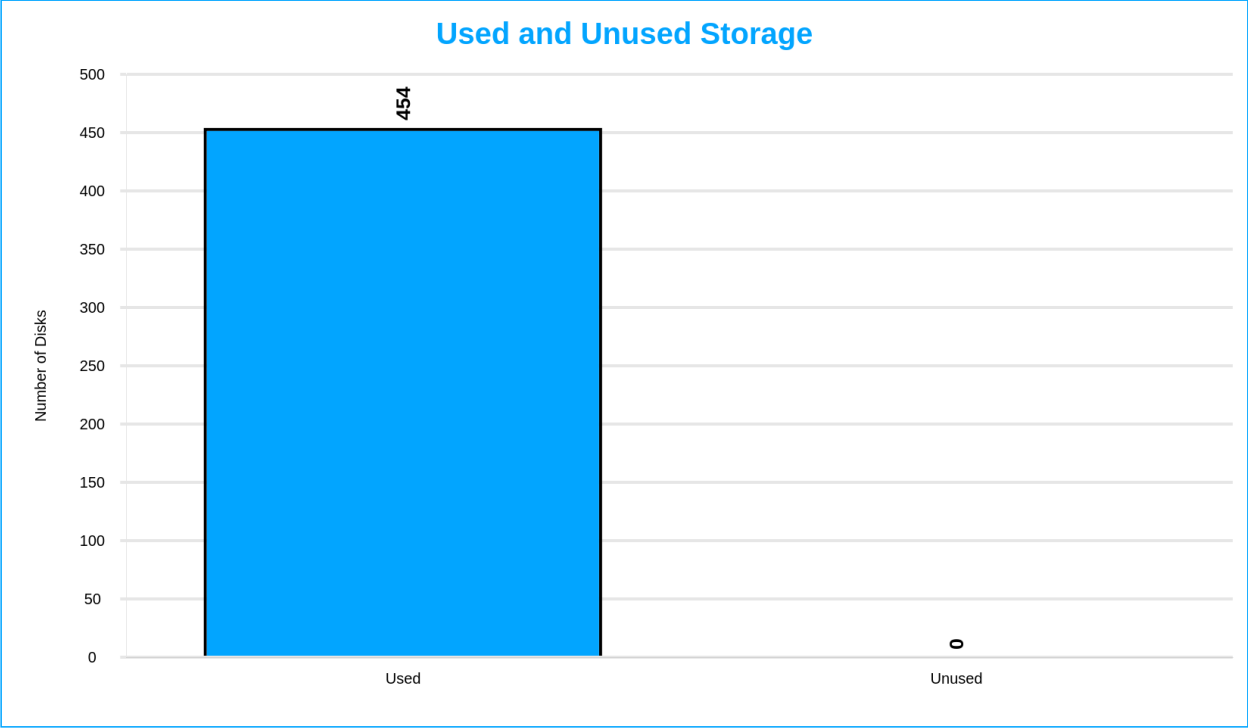
Per Year

Total Disks Mapped

454

Metric	Value	Cost
Observed Disk Capacity (GB)	111,217	
Observed Disk Occupancy (GB)	65,935	
Observed IOPS/Sec	15,860	
Predicted Cloud Capacity (GB)	117,595	\$128,955
Total IOPS Cost	317,460	\$2,946
Total Cost		\$131,901

→ Breakdown



➤ Workload Optimization: Network

Based on your current network usage, the estimated network usage is 20,985 GB/month.

Network Cost

\$8k

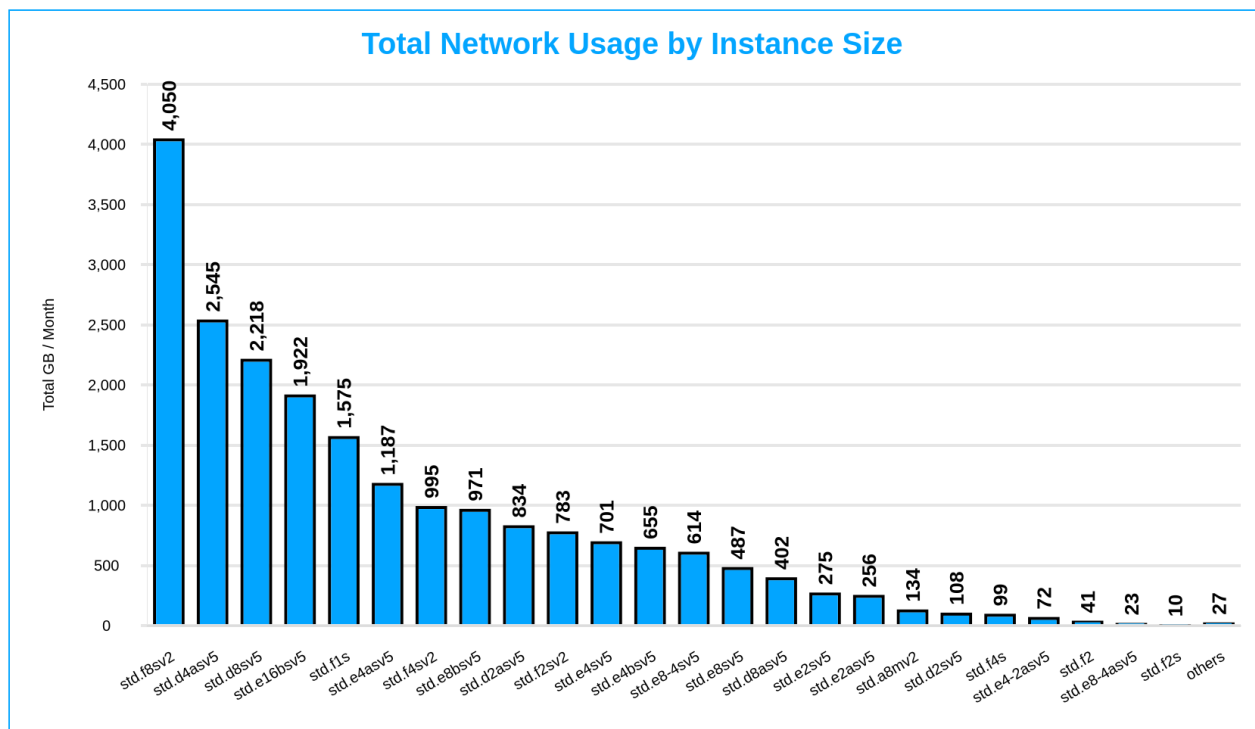
Per Year

Total Network Usage

21k
(GB/mo)

→ Network usage analysis

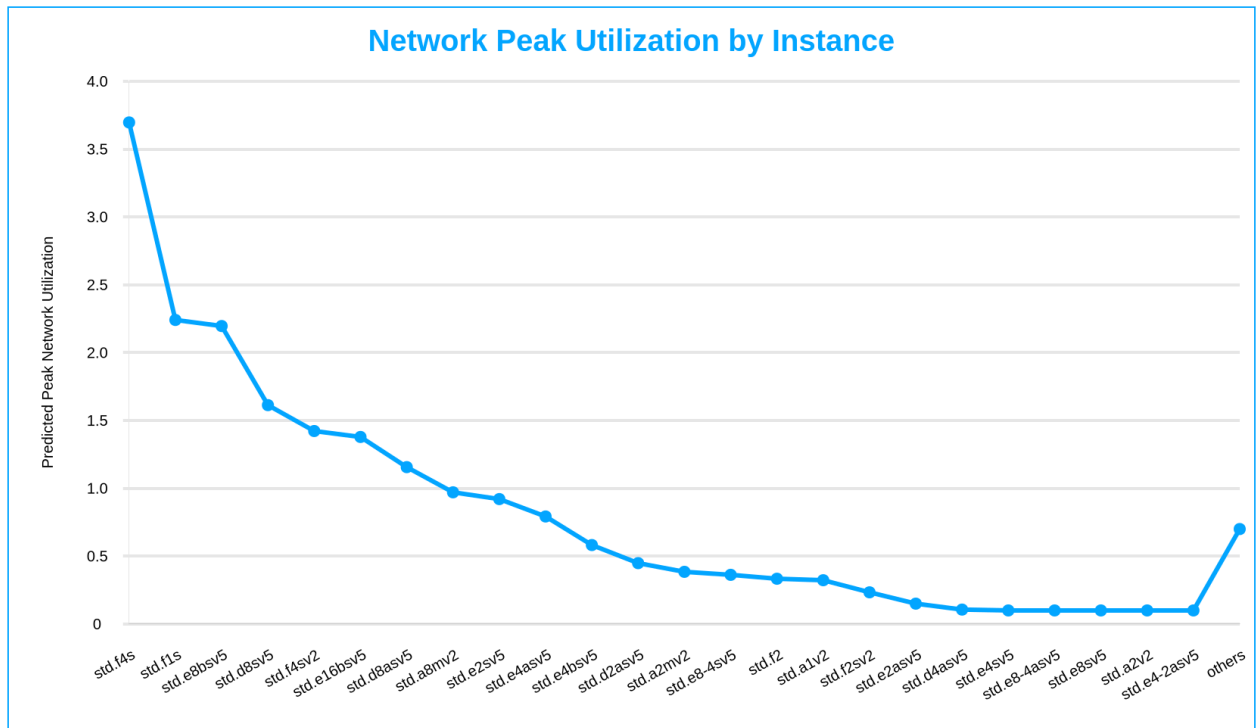
The chart below demonstrates the projected total network usage by each instance type.



Others: std.e2bsv5, std.f8s, std.a2v2, std.a2mv2, std.a1v2, std.e20sv5, std.f32sv2

→ Network Utilization Analysis

The chart below shows the worst-case peak network utilization per instance type observed during the analysis period. The compute mapping methodology ensures that the peak level of network utilization is supported by the proposed instance type.



Others: std.d2sv5, std.e20sv5, std.f8s, std.f2s, std.e2bsv5, std.f32sv2, std.f8sv2