



Autozama

Azure Advisor Analysis Report

Detailed Report



REPORT DATE

November 01, 2025

TOTAL FINDINGS

297


POTENTIAL SAVINGS

\$29778



Detailed Report

 **Client:** Autozama

 **Generated:** November 01, 2025 at 11:56 PM

 **Report Type:** Detailed Report

 **Industry:** finance

Executive Summary

Key findings and recommendations from Azure Advisor analysis



TOTAL RECOMMENDATIONS

297

Across all categories



POTENTIAL ANNUAL SAVINGS

\$29778

\$2482 per month



HIGH PRIORITY ITEMS

112

Immediate attention required



CATEGORIES AFFECTED

4

Azure Advisor pillars

HIGH IMPACT

112

Critical recommendations

MEDIUM IMPACT

177

Important items

LOW IMPACT

8

Optimization opportunities



Category Distribution

Recommendations by Category

Distribution across Azure Advisor pillars

Impact Level Distribution

Priority classification of recommendations



Cost Optimization Potential

Potential Savings by Category

Annual cost reduction opportunities



Category Summary

4 Categories

Category	Total Count	High Priority	Potential Savings	Avg. Savings P
Cost	94	3	\$29778.00	\$
Security	95	33	\$0.00	
Reliability	104	74	\$0.00	
Operational Excellence	4	2	\$0.00	



Cost

94 items



PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
HIGH	Consider virtual machine reserved instance to save over the on-demand costs	3a658a26-399e-409d-9606-d3ead... RG: No resource group
HIGH	Consider purchasing a savings plan for compute to unlock lower prices	3a658a26-399e-409d-9606-d3ead... RG: No resource group
HIGH	Right-size or shutdown underutilized virtual machines	svrsap RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	srvconfig-osdisk-20250103-192... RG: azurebackuprg_eastus2_1
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrteam-datadisk-001-20241002... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-000-20250317-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM	svrsaprhs-osdisk-20250808-152... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
	and evaluate if you still need the disks	
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	disk02-manageddiskstandardsdd RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-osdisk-20241002-140616 RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrteam-datadisk-001-20241002... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrdcazure_osdisk_1_e1feb5798... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsapint-osdisk-20250317-123... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-000-20241002-... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsaprds-osdisk-20250317-121... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	srvconfig-datadisk-000-202503... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsaprds-osdisk-20250224-180... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-osdisk-20241002-143105 RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	srvconfig-datadisk-000-202501... RG: azurebackuprg_eastus2_1
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrteam-osdisk-20250317-121014 RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-osdisk-20250317-120831 RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
	and evaluate if you still need the disks	
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-osdisk-20250317-123450 RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsaprds-osdisk-20250808-180... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsapcomp-osdisk-20250317-12... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-000-20241002-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsapcomp-osdisk-20250317-12... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrteam-osdisk-20241002-180336 RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-log_43761b4e215843559d... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	srvconfig-osdisk-20250317-125... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-001-20241002-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-000-20250317-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-osdisk-20241002-130230 RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrteam-datadisk-003-20241002... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	srvconfig-osdisk-20250319-193... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
	and evaluate if you still need the disks	
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	srvconfig-osdisk-20250117-182... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	disk01-managedstandhdd RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	srvconfig_osdisk_1_3fd65f6226... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-ssd_10c29212d9d346ca82... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrit_osdisk_1_b2c055b4da424f... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-000-20241002-... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsaprds-osdisk-20250224-183... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrteam-datadisk-001-20250317... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsapint-osdisk-20241002-180... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrdcazure-osdisk-20250317-12... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrit-osdisk-20250317-124507 RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-000-20241002-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrdcazure-osdisk-20241002-20... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
	and evaluate if you still need the disks	
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsapcomp-datadisk-000-20250... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-osdisk-20241002-160920 RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrit-osdisk-20250317-123022 RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrteam_disk2_b475624cecb444b... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-000-20241002-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrteam-datadisk-002-20241002... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsapcomp-datahdd_2befe21f27... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrteam-datadisk-002-20250317... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsapint_aed05f83c389452c810... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsaprds-osdisk-20250224-174... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-osdisk-20241002-163322 RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-001-20241002-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	srvconfig-osdisk-20250306-215... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
	and evaluate if you still need the disks	
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	srvconfig-datadisk-000-202501... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-001-20250317-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsaprhs-osdisk-20250317-124... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrteam-osdisk-20241002-173928 RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	srvconfig-datadisk-000-202503... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	srvconfig_datadisk_0 RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsaprds_67e0ce718f754a1d8aa... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrteam-datadisk-003-20241002... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsapcomp_1301d632720540b998... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsapcomp-osdisk-20241002-13... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-001-20241002-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrteam-datadisk-002-20241002... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap_56b708533fcd4fc4aaf559... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
	and evaluate if you still need the disks	
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-001-20241002-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsapint-osdisk-20250317-125... RG: autozama_rg
MEDIUM	Standard SSD disks billing caps	svrteam-osdisk-20250317-123601 RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsapcomp-datadisk-000-20250... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsaprds-osdisk-20241001-141... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-000-20241002-... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsaprds-osdisk-20250808-203... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsaprds-osdisk-20241002-131... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrit-osdisk-20241002-204226 RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-001-20250317-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-001-20241002-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-001-20241002-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	disk03-managedstandardhdd RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
	and evaluate if you still need the disks	
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-osdisk-20241002-165825 RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsaprds-osdisk-20250317-125... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-osdisk-20241002-150125 RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-001-20241002-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrteam_osdisk_1_2001581b500b... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrteam-datadisk-003-20250317... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsap-datadisk-000-20241002-... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	svrsapcomp-datadisk-000-20241... RG: autozama_rg
MEDIUM	Review disks that are not attached to a VM and evaluate if you still need the disks	srvconfig-datadisk-000-202503... RG: autozama_rg



Security

95 items



PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Storage accounts should prevent shared key access	cs23a658a26399ex409dx960 RG: cloud-shell-storage-eastus
MEDIUM	Storage account public access should be disallowed	cs23a658a26399ex409dx960 RG: cloud-shell-storage-eastus
MEDIUM	Storage accounts should restrict network access using virtual network rules	cs23a658a26399ex409dx960 RG: cloud-shell-storage-eastus
MEDIUM	Storage account should use a private link connection	cs23a658a26399ex409dx960 RG: cloud-shell-storage-eastus
HIGH	Guest accounts with owner permissions on Azure resources should be removed	3a658a26-399e-409d-9606-d3ead... RG: No resource group
HIGH	Microsoft Defender for servers should be enabled	3a658a26-399e-409d-9606-d3ead... RG: No resource group
MEDIUM	Email notification to subscription owner for high severity alerts should be enabled	3a658a26-399e-409d-9606-d3ead... RG: No resource group

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
HIGH	Microsoft Defender for Azure SQL Database servers should be enabled	3a658a26-399e-409d-9606-d3ead... RG: No resource group
LOW	Subscriptions should have a contact email address for security issues	3a658a26-399e-409d-9606-d3ead... RG: No resource group
HIGH	Microsoft Defender for Resource Manager should be enabled	3a658a26-399e-409d-9606-d3ead... RG: No resource group
HIGH	A maximum of 3 owners should be designated for subscriptions	3a658a26-399e-409d-9606-d3ead... RG: No resource group
HIGH	Secure transfer to storage accounts should be enabled	cs23a658a26399ex409dx960 RG: cloud-shell-storage-eastus
LOW	Email notification for high severity alerts should be enabled	3a658a26-399e-409d-9606-d3ead... RG: No resource group
HIGH	Microsoft Defender for Storage plan should be enabled with Malware Scanning and	3a658a26-399e-409d-9606-d3ead... RG: No resource group

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
	Sensitive Data Threat Detection	
HIGH	Disabled accounts with read and write permissions on Azure resources should be removed	3a658a26-399e-409d-9606-d3ead... RG: No resource group
HIGH	SQL servers should have vulnerability assessment configured	autzsqlazure RG: autozama_rg
MEDIUM	Virtual machines and virtual machine scale sets should have encryption at host enabled	svrit RG: autozama_rg
MEDIUM	Storage accounts should restrict network access using virtual network rules	autozamadiag RG: autozama_rg
MEDIUM	Guest Configuration extension should be installed on machines	svrsaprds RG: autozama_rg
HIGH	Microsoft Defender CSPM should be enabled	3a658a26-399e-409d-9606-d3ead... RG: No resource group

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Storage accounts should prevent shared key access	buckethdd RG: autozama_rg
MEDIUM	Storage account public access should be disallowed	autozamadiag RG: autozama_rg
HIGH	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrsapint RG: autozama_rg
MEDIUM	Storage accounts should prevent shared key access	autozamahdd RG: autozama_rg
MEDIUM	Storage accounts should restrict network access using virtual network rules	autozamahdd RG: autozama_rg
HIGH	Machines should be configured to periodically check for missing system updates	svrit RG: autozama_rg
MEDIUM	Machines should have a vulnerability assessment solution	srvconfig-2 RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Virtual machines and virtual machine scale sets should have encryption at host enabled	svrsapint RG: autozama_rg
HIGH	Machines should be configured to periodically check for missing system updates	svrteam RG: autozama_rg
MEDIUM	Machines should have a vulnerability assessment solution	svrdcazure RG: autozama_rg
MEDIUM	Guest Configuration extension should be installed on machines	svrsapint RG: autozama_rg
MEDIUM	Private endpoint connections on Azure SQL Database should be enabled	autzsqlazure RG: autozama_rg
MEDIUM	Virtual machines and virtual machine scale sets should have encryption at host enabled	svrweb RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Machines should have a vulnerability assessment solution	svrsapcomp RG: autozama_rg
HIGH	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrsapcomp RG: autozama_rg
LOW	Azure Backup should be enabled for virtual machines	srvconfig-2 RG: autozama_rg
MEDIUM	Machines should have a vulnerability assessment solution	svrweb RG: autozama_rg
MEDIUM	Virtual machines and virtual machine scale sets should have encryption at host enabled	srvconfig RG: autozama_rg
MEDIUM	Storage accounts should restrict network access using virtual network rules	autozamasdd RG: autozama_rg
MEDIUM	Machines should have a vulnerability assessment solution	srvconfig RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
HIGH	Machines should be configured to periodically check for missing system updates	svrsaprhs RG: autozama_rg
HIGH	Machines should be configured to periodically check for missing system updates	svrweb RG: autozama_rg
MEDIUM	Machines should have a vulnerability assessment solution	svrit RG: autozama_rg
MEDIUM	Public network access on Azure SQL Database should be disabled	autzsqlazure RG: autozama_rg
MEDIUM	Virtual machines and virtual machine scale sets should have encryption at host enabled	srvconfig-2 RG: autozama_rg
HIGH	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrsap RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Guest Configuration extension should be installed on machines	svrit RG: autozama_rg
MEDIUM	Virtual machines and virtual machine scale sets should have encryption at host enabled	svrteam RG: autozama_rg
LOW	Virtual networks should be protected by Azure Firewall	autozama_vnet RG: autozama_rg
MEDIUM	Azure SQL Database should have Azure Active Directory Only Authentication enabled	autzsqlazure RG: autozama_rg
HIGH	Secure transfer to storage accounts should be enabled	autozamahdd RG: autozama_rg
MEDIUM	Storage account public access should be disallowed	autozamahdd RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
HIGH	Machines should be configured to periodically check for missing system updates	svrdcazure RG: autozama_rg
MEDIUM	Storage accounts should prevent shared key access	autozamasd RG: autozama_rg
MEDIUM	Virtual machines and virtual machine scale sets should have encryption at host enabled	svrsap RG: autozama_rg
MEDIUM	Storage account should use a private link connection	autozamadiag RG: autozama_rg
MEDIUM	Guest Configuration extension should be installed on machines	svrweb RG: autozama_rg
MEDIUM	IP forwarding on your virtual machine should be disabled	svrsapint RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Virtual machines and virtual machine scale sets should have encryption at host enabled	svrsaprds RG: autozama_rg
MEDIUM	Machines should have a vulnerability assessment solution	svrsaprds RG: autozama_rg
MEDIUM	Management ports should be closed on your virtual machines	srvconfig RG: autozama_rg
LOW	Guest Attestation extension should be installed on supported Windows virtual machines	svrit RG: autozama_rg
MEDIUM	Guest Configuration extension should be installed on machines	svrsap RG: autozama_rg
MEDIUM	Storage account public access should be disallowed	bucketthdd RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
HIGH	Machines should be configured to periodically check for missing system updates	svrsapint RG: autozama_rg
HIGH	Linux virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	srvconfig RG: autozama_rg
MEDIUM	Virtual machines and virtual machine scale sets should have encryption at host enabled	svrdcazure RG: autozama_rg
MEDIUM	Guest Configuration extension should be installed on machines	svrteam RG: autozama_rg
MEDIUM	Machines should have a vulnerability assessment solution	svrteam RG: autozama_rg
LOW	Auditing on SQL server should be enabled	autzsqlazure RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Guest Configuration extension should be installed on machines	srvconfig RG: autozama_rg
HIGH	Microsoft Defender for SQL should be enabled for unprotected Azure SQL servers	autzsqlazure RG: autozama_rg
MEDIUM	Storage account public access should be disallowed	autozamassd RG: autozama_rg
HIGH	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrit RG: autozama_rg
MEDIUM	Virtual machines and virtual machine scale sets should have encryption at host enabled	svrsapcomp RG: autozama_rg
MEDIUM	Guest Configuration extension should be installed on machines	svrsapcomp RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
HIGH	Secure transfer to storage accounts should be enabled	autozamadiag RG: autozama_rg
MEDIUM	Machines should have a vulnerability assessment solution	svrsap RG: autozama_rg
MEDIUM	Guest Configuration extension should be installed on machines	srvconfig-2 RG: autozama_rg
HIGH	Secure transfer to storage accounts should be enabled	autozamasdd RG: autozama_rg
MEDIUM	Storage account should use a private link connection	autozamasdd RG: autozama_rg
MEDIUM	Storage account should use a private link connection	bucketthdd RG: autozama_rg
MEDIUM	Storage accounts should restrict network access using virtual network rules	bucketthdd RG: autozama_rg
HIGH	Machines should be configured to periodically check for	svrsap RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
	missing system updates	
HIGH	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrteam RG: autozama_rg
MEDIUM	Storage account should use a private link connection	autozamahdd RG: autozama_rg
HIGH	Machines should be configured to periodically check for missing system updates	srvconfig RG: autozama_rg
MEDIUM	Guest Configuration extension should be installed on machines	svrdcazure RG: autozama_rg
MEDIUM	Storage accounts should prevent shared key access	autozamadiag RG: autozama_rg
HIGH	Machines should be configured to periodically check for missing system updates	svrsapcomp RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Machines should have a vulnerability assessment solution	svrsapint RG: autozama_rg
HIGH	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrweb RG: autozama_rg
HIGH	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrsaprds RG: autozama_rg
HIGH	Linux virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	srvconfig-2 RG: autozama_rg
HIGH	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrdcazure RG: autozama_rg



Reliability

104 items



PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Enable Soft Delete to protect your blob data	cs23a658a26399ex409dx960 RG: cloud-shell-storage-eastus
MEDIUM	Migrate workload to Virtual Machine Scale Sets Flex	svrsapcomp RG: autozama_rg
MEDIUM	Migrate workload to Virtual Machine Scale Sets Flex	srvconfig RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsaprds-osdisk-20250224-183... RG: autozama_rg
HIGH	Use Azure Capacity Reservation for virtual machine (VM)	svrsapcomp RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-datadisk-000-20241002-... RG: autozama_rg
HIGH	Use Availability zones for better resiliency and availability	svrsapcomp RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
HIGH	Use Azure Capacity Reservation for virtual machine (VM)	srvconfig RG: autozama_rg
MEDIUM	Enable Soft Delete to protect your blob data	autozamahdd RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-datadisk-000-20250317-... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsapcomp-osdisk-20250317-13... RG: autozama_rg
HIGH	Use Azure Capacity Reservation for virtual machine (VM)	svrsaprds RG: autozama_rg
HIGH	Use Availability zones for better resiliency and availability	svrsap RG: autozama_rg
HIGH	Use Availability zones for better resiliency and availability	svrsapint RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-osdisk-20250317-120831 RG: autozama_rg
HIGH	Use Azure Capacity Reservation for virtual machine (VM)	svrteam RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-datadisk-000-20241002-... RG: autozama_rg
HIGH	Use Azure Capacity Reservation for virtual machine (VM)	srvconfig-2 RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-datadisk-000-20241002-... RG: autozama_rg
MEDIUM	Migrate workload to Virtual Machine Scale Sets Flex	svrit RG: autozama_rg
MEDIUM	Basic SKU is being retired	srvconfig-ip RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Migrate workload to Virtual Machine Scale Sets Flex	svrsapint RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrteam-datadisk-002-20250317... RG: autozama_rg
MEDIUM	Migrate workload to Virtual Machine Scale Sets Flex	svrdcazure RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-osdisk-20241002-165825 RG: autozama_rg
HIGH	Use Azure Capacity Reservation for virtual machine (VM)	svrsap RG: autozama_rg
MEDIUM	Enable Backups on your Virtual Machines	srvconfig-2 RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	disk03-managedstandardhdd RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Basic SKU is being retired	autozama-vpn-pip RG: autozama_rg
MEDIUM	Basic SKU is being retired	svrsapcomp-ip RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrteam-datadisk-003-20250317... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-osdisk-20241002-150125 RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsapcomp-osdisk-20250317-12... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsaprds-osdisk-20241002-131... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Migrate workload to Virtual Machine Scale Sets Flex	svrsap RG: autozama_rg
MEDIUM	Basic SKU is being retired	svrsapint-ip RG: autozama_rg
MEDIUM	Basic SKU is being retired	svrsaprds-ip RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-datadisk-000-20250317-... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsaprds_67e0ce718f754a1d8aa... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrteam-datadisk-003-20241002... RG: autozama_rg
MEDIUM	Basic SKU is being retired	svrteam-ip RG: autozama_rg
		svrsaprds

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Migrate workload to Virtual Machine Scale Sets Flex	RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsaprds-osdisk-20250224-180... RG: autozama_rg
HIGH	Migrate workload to D-series or better virtual machine	srvconfig RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsaprds-osdisk-20250317-125... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap_56b708533fcd4fc4aaf559... RG: autozama_rg
MEDIUM	Basic SKU is being retired	svrsap-ip RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for	svrteam-datadisk-002-20241002... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
	higher resiliency and availability	
HIGH	Migrate workload to D-series or better virtual machine	svrdcazure RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrteam-datadisk-003-20250317... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsaprhs-osdisk-20250317-121... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-osdisk-20241002-140616 RG: autozama_rg
HIGH	Use Azure Capacity Reservation for virtual machine (VM)	svrweb RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	VpnGw1-5 (Non-Availability Zones SKUs) is being retired.	autozama-vpn RG: autozama_rg
MEDIUM	Enable Soft Delete to protect your blob data	autozamadiag RG: autozama_rg
LOW	Convert Standard to Premium disk for higher uptime	svrteam RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrteam-datadisk-002-20241002... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsaprhs-osdisk-20241001-141... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-osdisk-20241002-163322 RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-osdisk-20250317-125632 RG: autozama_rg
MEDIUM	Enable Soft Delete to protect your blob data	bucketthdd RG: autozama_rg
MEDIUM	Use NAT gateway for outbound connectivity	autozama_vnet RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrteam-datadisk-002-20250317... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsapcomp_1301d632720540b998... RG: autozama_rg
HIGH	Use Azure Capacity Reservation for virtual machine (VM)	svrit RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Enable Azure backup for SQL on your virtual machines	svrteam RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-datadisk-000-20250317-... RG: autozama_rg
HIGH	Configure and deploy VPN gateway and related resources to use availability zones	autozama-vpn RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-datadisk-000-20241002-... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsapcomp-osdisk-20241002-13... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsaprds-osdisk-20250317-124... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Basic SKU is being retired	autozama-vpn-ip-02 RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsapint_aed05f83c389452c810... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsapint-osdisk-20250317-131... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsapint-osdisk-20250317-123... RG: autozama_rg
HIGH	Use Availability zones for better resiliency and availability	svrteam RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsapcomp-osdisk-20250317-12... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
HIGH	Migrate workload to D-series or better virtual machine	svrsaprds RG: autozama_rg
MEDIUM	Enable Cross Region Restore for your recovery Services Vault	autozamabackupv2 RG: autozama_rg
MEDIUM	Migrate workload to Virtual Machine Scale Sets Flex	srvconfig-2 RG: autozama_rg
HIGH	Migrate workload to D-series or better virtual machine	srvconfig-2 RG: autozama_rg
HIGH	Use Azure Capacity Reservation for virtual machine (VM)	svrsapint RG: autozama_rg
LOW	Convert Standard to Premium disk for higher uptime	svrdcazure RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-ssd_10c29212d9d346ca82... RG: autozama_rg
svrteam		

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Migrate workload to Virtual Machine Scale Sets Flex	RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsapint-osdisk-20250317-125... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-osdisk-20241002-130230 RG: autozama_rg
HIGH	Migrate workload to D-series or better virtual machine	svrsapint RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-datadisk-000-20241002-... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrteam-datadisk-003-20241002... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Migrate workload to Virtual Machine Scale Sets Flex	svrweb RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-osdisk-20241002-160920 RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-osdisk-20241002-143105 RG: autozama_rg
MEDIUM	Enable Cross Region Restore for your recovery Services Vault	autozamarsvault RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-datadisk-000-20241002-... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-datadisk-000-20241002-... RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	disk02-manageddiskstandardsdd RG: autozama_rg
HIGH	Migrate workload to D-series or better virtual machine	svrsapcomp RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsapint-osdisk-20241002-180... RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsap-osdisk-20250317-123450 RG: autozama_rg
HIGH	Use Azure Capacity Reservation for virtual machine (VM)	svrdcazure RG: autozama_rg
HIGH	Use Availability zones for better resiliency and availability	svrdcazure RG: autozama_rg

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
HIGH	Use Availability zones for better resiliency and availability	svrsaprds RG: autozama_rg
HIGH	Use Azure Disks with Zone Redundant Storage (ZRS) for higher resiliency and availability	svrsaprds-osdisk-20250224-174... RG: autozama_rg



Operational Excellence

4 items

PRIORITY	RECOMMENDATION DETAILS	AFFECTED RESOURCE
MEDIUM	Add explicit outbound method to disable default outbound	svrdcazure704 RG: autozama_rg
HIGH	Enable Trusted Launch foundational excellence, and modern security for Existing Generation 2 VM(s)	srvconfig-2 RG: autozama_rg
MEDIUM	Install SQL best practices assessment on your SQL VM	svrteam RG: autozama_rg
HIGH	Enable Trusted Launch foundational excellence, and modern security for Existing Generation 2 VM(s)	svrweb RG: autozama_rg



Azure Subscription Breakdown

1

Subscriptions

Recommendations per Subscription

Distribution across your Azure subscriptions

Subscription Name	Subscription ID	Recommendations	Potential Savings
AUTOZAMA SAS (3a658a26-399e-409d-9606-d3ead247208d)	3a658a26-399e-409d-9606-...	297	\$297



Top Priority Recommendations

Quick Wins



Critical Action Items

These recommendations have the highest impact on your Azure environment. Prioritize these for immediate review and implementation.

#	PRIORITY	CATEGORY	RECOMMENDATION	SAVINGS
1	HIGH	COST	<p>Consider virtual machine reserved instance to save over the on-demand costs</p> <p>Resource: 3a658a26-399e-409d-9606-d3ead247208d</p>	\$12604
2	HIGH	COST	<p>Consider purchasing a savings plan for compute to unlock lower prices</p> <p>Resource: 3a658a26-399e-409d-9606-d3ead247208d</p>	\$10490
3	HIGH	COST	<p>Right-size or shutdown underutilized virtual machines</p> <p>Resource: svrsap</p>	\$6684
4	HIGH	SECURITY	<p>Microsoft Defender for servers should be enabled</p> <p>Resource: 3a658a26-399e-409d-9606-d3ead247208d</p>	Non-financial
5	HIGH	SECURITY	<p>A maximum of 3 owners should be designated for subscriptions</p> <p>Resource: 3a658a26-399e-409d-9606-d3ead247208d</p>	Non-financial
6	HIGH	SECURITY	<p>Secure transfer to storage accounts should be enabled</p>	Non-financial

#	PRIORITY	CATEGORY	RECOMMENDATION	SAVED
			Resource: cs23a658a26399ex409dx960	
7	HIGH	SECURITY	Microsoft Defender for Resource Manager should be enabled Resource: 3a658a26-399e-409d-9606-d3ead247208d	Non-fina
8	HIGH	SECURITY	Disabled accounts with read and write permissions on Azure resources should be removed Resource: 3a658a26-399e-409d-9606-d3ead247208d	Non-fina
9	HIGH	SECURITY	SQL servers should have vulnerability assessment configured Resource: autzsqlazure	Non-fina
10	HIGH	SECURITY	Microsoft Defender for Storage plan should be enabled with Malware Scanning and Sensitive Data Threat Detection Resource: 3a658a26-399e-409d-9606-d3ead247208d	Non-fina



Recommended Implementation Roadmap

Phase 1: Immediate Actions (Week 1-2)

1. **Review High-Impact Items:** Analyze all 112 high-priority recommendations with stakeholders
2. **Security First:** Address critical security recommendations immediately
3. **Quick Wins:** Implement low-risk, high-value cost optimizations

Phase 2: Strategic Implementation (Week 3-6)

1. **Technical Review:** Deep-dive analysis of medium-impact recommendations
2. **Resource Optimization:** Right-size VMs and storage configurations
3. **Architecture Updates:** Implement reliability and performance improvements
4. **Monitor Results:** Track cost savings and performance metrics

Phase 3: Continuous Optimization (Ongoing)

1. **Monthly Reviews:** Schedule regular Azure Advisor reviews
2. **Automation:** Implement automated remediation where appropriate
3. **Documentation:** Maintain runbooks for common optimizations
4. **Training:** Educate team on Azure best practices



Key Insights & Analysis

ROI POTENTIAL

High

Based on \$29778 annual savings potential

AVG. TIME TO VALUE

2-4

Weeks for most recommendations

RISK LEVEL

High

Based on high-priority items

COMPLEXITY

Mixed

Varies by recommendation type



Analysis Summary

Total Optimization Opportunities: 297 recommendations across 4 Azure Advisor categories

Financial Impact: Potential annual savings of \$29778.00 (\$2481.50/month)

Priority Distribution: 112 high-priority, 177 medium-priority, and 8 low-priority items

Implementation Effort: Estimated 4-8 weeks for comprehensive implementation of high and medium priority items

Disclaimer: This report was automatically generated from Azure Advisor recommendations. All data is sourced from Microsoft Azure Advisor as of November 01, 2025. Recommendations should be evaluated by qualified technical personnel before implementation. Potential savings estimates are provided by Azure Advisor and actual savings may vary based on usage patterns, pricing changes, and implementation timing.



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