Autozama

Azure Advisor Analysis Report

Detailed Report

REPORT DATE	TOTAL FINDINGS	POTENTIAL SAVINGS
October 26, 2025	297	$29778

Azure Advisor Reports

Detailed Report

Client: Autozama

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Report Type: Detailed Report

Industry: other

Security Posture Assessment

Comprehensive security analysis and vulnerability remediation roadmap

Needs Improvement

Based on 95 security findings

🚨 **IMMEDIATE**
33
Within 24 hours

⚠️ **SHORT-TERM**
33
Within 1 week

📋 **MEDIUM-TERM**
56
Within 1 month

Security Metrics Summary

CRITICAL ISSUES

33

Require immediate action

HIGH PRIORITY

33

Address within 1 week

MEDIUM PRIORITY

56

Address within 1 month

TOTAL SECURITY FINDINGS

95

Across all resources

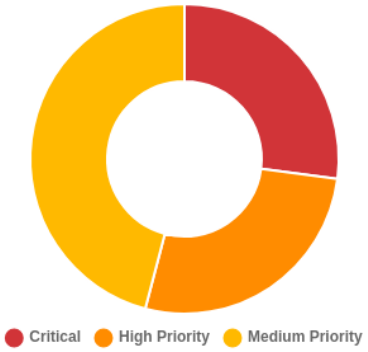
Threat Landscape Overview

Security Posture Summary

Azure Advisor has identified **95 security findings** across your Azure environment. **33 critical vulnerabilities** pose significant risk and require immediate remediation within 24 hours to prevent potential security breaches. An additional **33 high-priority issues** should be addressed within one week to maintain a strong security posture. Addressing these findings will significantly improve your organization's security stance and compliance readiness.

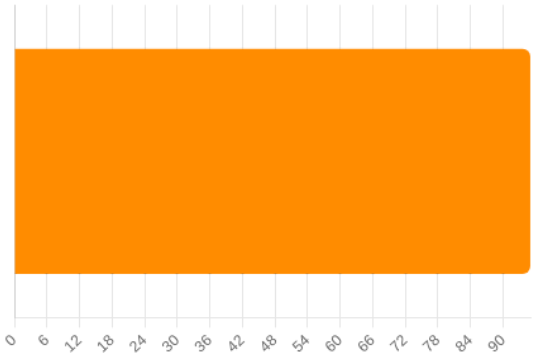
Security Findings by Severity

Risk distribution analysis



Findings by Resource Type

Most vulnerable components



Critical Security Issues - Immediate Action Required

33 items

⚠️

HIGH RISK: These 33 critical security issues pose significant risk to your environment and require immediate remediation to prevent potential security breaches, data loss, or compliance violations. Executive escalation recommended.

#	SECURITY ISSUE	AFFECTED RESOURCE	RISK LEVEL	TIMELINE
1	Guest accounts with owner permissions on Azure resources should be removed	3a658a26-399e-409d-9606-...	CRITICAL	24 Hours
2	Microsoft Defender for servers should be enabled	3a658a26-399e-409d-9606-...	CRITICAL	24 Hours
3	Microsoft Defender for Azure SQL Database servers should be enabled	3a658a26-399e-409d-9606-...	CRITICAL	24 Hours
4	Microsoft Defender for Resource Manager should be enabled	3a658a26-399e-409d-9606-...	CRITICAL	24 Hours
5	A maximum of 3 owners should be designated for subscriptions	3a658a26-399e-409d-9606-...	CRITICAL	24 Hours
6	Secure transfer to storage accounts should be enabled	cs23a658a26399ex409dx960	CRITICAL	24 Hours
7	Microsoft Defender for Storage plan should be enabled with Malware Scanning and Sensitive Data Threat Detection	3a658a26-399e-409d-9606-...	CRITICAL	24 Hours
8	Disabled accounts with read and write permissions on Azure resources should be removed	3a658a26-399e-409d-9606-...	CRITICAL	24 Hours
9	SQL servers should have vulnerability assessment configured	autzsqlazure	CRITICAL	24 Hours
10	Microsoft Defender CSPM should be enabled	3a658a26-399e-409d-9606-...	CRITICAL	24 Hours
11	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrsapint	CRITICAL	24 Hours
12	Machines should be configured to periodically check for missing system updates	svrit	CRITICAL	24 Hours
13	Machines should be configured to periodically check for missing system updates	svrteam	CRITICAL	24 Hours
14	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrsapcomp	CRITICAL	24 Hours
15	Machines should be configured to periodically check for missing system updates	svrsaprds	CRITICAL	24 Hours
16	Machines should be configured to periodically check for missing system updates	svrweb	CRITICAL	24 Hours
17	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrsap	CRITICAL	24 Hours
18	Secure transfer to storage accounts should be enabled	autozamahdd	CRITICAL	24 Hours
19	Machines should be configured to periodically check for missing system updates	svrdcazure	CRITICAL	24 Hours

#	SECURITY ISSUE	AFFECTED RESOURCE	RISK LEVEL	TIMELINE
20	Machines should be configured to periodically check for missing system updates	svrsapint	CRITICAL	24 Hours
21	Linux virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	srvconfig	CRITICAL	24 Hours
22	Microsoft Defender for SQL should be enabled for unprotected Azure SQL servers	autzsqlazure	CRITICAL	24 Hours
23	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrit	CRITICAL	24 Hours
24	Secure transfer to storage accounts should be enabled	autozamadiag	CRITICAL	24 Hours
25	Secure transfer to storage accounts should be enabled	autozamassd	CRITICAL	24 Hours
26	Machines should be configured to periodically check for missing system updates	svrsap	CRITICAL	24 Hours
27	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrteam	CRITICAL	24 Hours
28	Machines should be configured to periodically check for missing system updates	srvconfig	CRITICAL	24 Hours
29	Machines should be configured to periodically check for missing system updates	svrsapcomp	CRITICAL	24 Hours
30	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrweb	CRITICAL	24 Hours
31	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrsaprds	CRITICAL	24 Hours
32	Linux virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	srvconfig-2	CRITICAL	24 Hours
33	Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrdcazure	CRITICAL	24 Hours

High Priority Security Issues

33 items

These 33 security issues should be addressed within one week to maintain a strong security posture and prevent potential exploitation.

SECURITY ISSUE	AFFECTED RESOURCE	RISK LEVEL	TIMELINE
Guest accounts with owner permissions on Azure resources should be removed	3a658a26-399e-409d-9606-...	HIGH	1 Week
Microsoft Defender for servers should be enabled	3a658a26-399e-409d-9606-...	HIGH	1 Week
Microsoft Defender for Azure SQL Database servers should be enabled	3a658a26-399e-409d-9606-...	HIGH	1 Week
Microsoft Defender for Resource Manager should be enabled	3a658a26-399e-409d-9606-...	HIGH	1 Week
A maximum of 3 owners should be designated for subscriptions	3a658a26-399e-409d-9606-...	HIGH	1 Week
Secure transfer to storage accounts should be enabled	cs23a658a26399ex409dx960	HIGH	1 Week
Microsoft Defender for Storage plan should be enabled with Malware Scanning and Sensitive Data Threat Detection	3a658a26-399e-409d-9606-...	HIGH	1 Week
Disabled accounts with read and write permissions on Azure resources should be removed	3a658a26-399e-409d-9606-...	HIGH	1 Week
SQL servers should have vulnerability assessment configured	autzsqlazure	HIGH	1 Week
Microsoft Defender CSPM should be enabled	3a658a26-399e-409d-9606-...	HIGH	1 Week
Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrsapint	HIGH	1 Week
Machines should be configured to periodically check for missing system updates	svrit	HIGH	1 Week
Machines should be configured to periodically check for missing system updates	svrteam	HIGH	1 Week
Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrsapcomp	HIGH	1 Week
Machines should be configured to periodically check for missing system updates	svrsaprds	HIGH	1 Week
Machines should be configured to periodically check for missing system updates	svrweb	HIGH	1 Week
Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrsap	HIGH	1 Week
Secure transfer to storage accounts should be enabled	autozamahdd	HIGH	1 Week
Machines should be configured to periodically check for missing system updates	svrdcazure	HIGH	1 Week
Machines should be configured to periodically check for missing system updates	svrsapint	HIGH	1 Week
Linux virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	srvconfig	HIGH	1 Week
Microsoft Defender for SQL should be enabled for unprotected Azure SQL servers	autzsqlazure	HIGH	1 Week
Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrit	HIGH	1 Week

SECURITY ISSUE	AFFECTED RESOURCE	RISK LEVEL	TIMELINE
Secure transfer to storage accounts should be enabled	autozamadiag	HIGH	1 Week
Secure transfer to storage accounts should be enabled	autozamassd	HIGH	1 Week
Machines should be configured to periodically check for missing system updates	svrsap	HIGH	1 Week
Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrteam	HIGH	1 Week
Machines should be configured to periodically check for missing system updates	srvconfig	HIGH	1 Week
Machines should be configured to periodically check for missing system updates	svrsapcomp	HIGH	1 Week
Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrweb	HIGH	1 Week
Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrsaprds	HIGH	1 Week
Linux virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	srvconfig-2	HIGH	1 Week
Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.	svrdcazure	HIGH	1 Week

Security Findings by Azure Subscription

SUBSCRIPTION	CRITICAL	HIGH	MEDIUM	TOTAL	RISK DISTRIBUTION
AUTOZAMA SAS (3a658a26-399e-409d-9606-d…	33	—	56	95	

Compliance & Regulatory Framework Alignment

Regulatory Framework Impact

Addressing these security recommendations helps maintain compliance with common security frameworks and regulatory requirements. These findings may impact your organization's ability to meet compliance obligations.

ISO 27001
Information Security Management

NIST CSF
Cybersecurity Framework

CIS Controls
Critical Security Controls

SOC 2 Type II
Trust Service Principles

HIPAA
Healthcare Data Protection

PCI DSS
Payment Card Industry Standards

Security Remediation Roadmap

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Phase 1: Critical Response (24 Hours)

1. **Emergency Triage:** Convene security team to review all 33 critical findings within 2 hours
2. **Immediate Mitigations:** Implement temporary security controls and workarounds for critical vulnerabilities
3. **Incident Response:** Activate incident response procedures if any active exploitation detected
4. **Executive Notification:** Brief leadership team on critical security posture and remediation plan
5. **Vendor Escalation:** Engage Microsoft support for critical Azure security issues if needed

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Phase 2: Short-term Hardening (Week 1)

1. **High Priority Remediation:** Address all 33 high-priority security findings
2. **Security Policy Updates:** Review and update security policies, firewall rules, and access controls
3. **MFA Enforcement:** Ensure multi-factor authentication is enabled for all privileged accounts
4. **Security Awareness:** Conduct targeted training for teams responsible for affected resources
5. **Enhanced Monitoring:** Implement additional security monitoring and alerting

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Phase 3: Continuous Improvement (Month 1 & Ongoing)

1. **Complete Remediation:** Address all 56 medium-priority findings
2. **Security Automation:** Implement Azure Policy and automated security guardrails
3. **Regular Assessments:** Establish weekly Azure Advisor security reviews until posture improves
4. **Penetration Testing:** Conduct third-party security assessment to validate improvements
5. **Security Metrics:** Create executive dashboard tracking security KPIs and remediation progress
6. **Zero Trust Implementation:** Begin journey toward Zero Trust architecture

Security Best Practices & Recommendations

CONTINUOUS MONITORING

Enable Azure Security Center and review Azure Advisor security recommendations weekly

DEFENSE IN DEPTH

Implement multiple layers: network, identity, application, and data protection

ZERO TRUST MODEL

Verify explicitly, use least privilege, and assume breach in security design

SECURITY CULTURE

Regular training, awareness programs, and security champions program

Immediate Action Items

Security Leadership Actions

1. **Emergency Review:** CISO/Security team review within 2 hours for critical findings
2. **Assign Ownership:** Designate security incident response team for immediate remediation
3. **Stakeholder Communication:** Brief executive team and board on security posture
4. **Budget Allocation:** Secure emergency budget for critical security improvements
5. **Third-party Assessment:** Consider engaging external security consultants for validation
6. **Compliance Review:** Engage legal/compliance teams to assess regulatory implications
7. **Track Progress:** Implement daily stand-ups until all critical issues resolved
8. **Post-mortem:** Conduct lessons learned session and update security procedures

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