



Guardian Automated Hardening Report

System: **MUM-WEB-01** (Ubuntu 20.04 LTS)

October 05, 2025

System Information

Hostname:	MUM-WEB-01
Operating System:	Ubuntu 20.04 LTS
IP Address:	192.168.1.10
Processor:	AMD Ryzen 7 7840HS w/ Radeon 780M Graphics (3.80 GHz)
Installed RAM:	16.0 GB (15.2 GB usable)
System Type:	64-bit operating system
Uptime:	99.2%
Scan Initiated:	2025-10-05 16:32:34 IST
Scan Completed:	2025-10-05 16:37:34 IST
Policy Baseline:	Annexure 'B' for Linux
Business Impact:	Customer-facing services
Criticality:	High

Compliance Overview by Category

Category	Total	Compliant	Non-Compliant
Filesystem Security	18	11	7
System Services	22	15	7
Network Security	16	14	2
Access Control	19	15	4
Logging & Auditing	12	12	0
Total	87	67	20

Detailed Findings

Non-Compliant Items (Remediation Required)

Parameter / Rule	Status
F-LNX-848: Ensure audit configuration files owner is configured	FAILED
<i>Details: CRITICAL: Ensure audit configuration files owner is configured - immediate remediation required</i>	

Parameter / Rule	Status
F-LNX-417: Ensure tcp syn cookies is enabled	FAILED
<i>Details: CRITICAL: Ensure tcp syn cookies is enabled - immediate remediation required</i>	
Parameter / Rule	Status
F-LNX-201: Ensure bootloader password is set	FAILED
<i>Details: CRITICAL: Ensure bootloader password is set - immediate remediation required</i>	
Parameter / Rule	Status
F-LNX-813: Ensure access to all logfiles has been configured	FAILED
<i>Details: CRITICAL: Ensure access to all logfiles has been configured - immediate remediation required</i>	
Parameter / Rule	Status
F-LNX-111: Ensure /tmp is a separate partition	FAILED
<i>Details: CRITICAL: Ensure /tmp is a separate partition - immediate remediation required</i>	
Parameter / Rule	Status
F-LNX-414: Ensure reverse path filtering is enabled	FAILED
<i>Details: CRITICAL: Ensure reverse path filtering is enabled - immediate remediation required</i>	
Parameter / Rule	Status
F-LNX-852: Ensure audit tools group owner is configured	FAILED
<i>Details: CRITICAL: Ensure audit tools group owner is configured - immediate remediation required</i>	
Parameter / Rule	Status
F-LNX-715: Ensure nologin is not listed in /etc/shells	FAILED
<i>Details: CRITICAL: Ensure nologin is not listed in /etc/shells - immediate remediation required</i>	
Parameter / Rule	Status
F-LNX-602: Ensure permissions on SSH private host key files are configured	FAILED
<i>Details: WARNING: Ensure permissions on SSH private host key files are configured - needs attention</i>	
Parameter / Rule	Status
F-LNX-829: Ensure events that modify user/group information are collected	FAILED
<i>Details: WARNING: Ensure events that modify user/group information are collected - needs attention</i>	

Parameter / Rule	Status
F-LNX-626: Ensure users must provide password for privilege escalation	FAILED
<i>Details: WARNING: Ensure users must provide password for privilege escalation - needs attention</i>	
Parameter / Rule	Status
F-LNX-125: Ensure separate partition exists for /var/tmp	FAILED
<i>Details: WARNING: Ensure separate partition exists for /var/tmp - needs attention</i>	
Parameter / Rule	Status
F-LNX-411: Ensure broadcast icmp requests are ignored	FAILED
<i>Details: WARNING: Ensure broadcast icmp requests are ignored - needs attention</i>	
Parameter / Rule	Status
F-LNX-120: Ensure nodev option set on /home partition	FAILED
<i>Details: WARNING: Ensure nodev option set on /home partition - needs attention</i>	
Parameter / Rule	Status
F-LNX-632: Configure PAM software packages: Ensure libpam-pwquality is installed	FAILED
<i>Details: WARNING: Configure PAM software packages: Ensure libpam-pwquality is installed - needs attention</i>	
Parameter / Rule	Status
F-LNX-717: Ensure default user umask is configured	FAILED
<i>Details: WARNING: Ensure default user umask is configured - needs attention</i>	
Parameter / Rule	Status
F-LNX-407: Ensure sctp kernel module is not available	FAILED
<i>Details: WARNING: Ensure sctp kernel module is not available - needs attention</i>	
Parameter / Rule	Status
F-LNX-713: Ensure system accounts do not have a valid login shell	FAILED
<i>Details: WARNING: Ensure system accounts do not have a valid login shell - needs attention</i>	
Parameter / Rule	Status
F-LNX-341: Ensure permissions on /etc/cron.monthly are configured	FAILED
<i>Details: WARNING: Ensure permissions on /etc/cron.monthly are configured - needs attention</i>	

Parameter / Rule	Status
F-LNX-606: Ensure sshd Ciphers are configured	FAILED
<i>Details: WARNING: Ensure sshd Ciphers are configured - needs attention</i>	