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00:00:34m[SECTION]00:00m Starting ENHANCED Comprehensive OS Vulnerability Scan
00:00:34m=====00:00m
00:00:35m[SYSTEM]00:00m Scan ID: 20250720_114954
00:00:35m[SYSTEM]00:00m Target System: Ubuntu 20.04.6 LTS Desktop
00:00:35m[SYSTEM]00:00m Enhanced Features: Resource monitoring, automatic Lynis HTML, fixed
CIS-CAT, comprehensive tracking
00:00:35m[SYSTEM]00:00m All results will be saved with HTML and XML formats
00:00:34m[SECTION]00:00m Creating directory structure...
00:00:34m=====00:00m
00:00:32m[INFO 2%]00:00m Directory structure created successfully
00:00:34m[SECTION]00:00m Collecting system information - pre_scan
00:00:34m=====00:00m
00:00:36m[PROGRESS 3%]00:00m Basic system summary (1/27)
00:00:36m[PROGRESS 7%]00:00m OS release information (2/27)
00:00:36m[PROGRESS 11%]00:00m Kernel information (3/27)
00:00:36m[PROGRESS 14%]00:00m CPU information (4/27)
00:00:36m[PROGRESS 18%]00:00m Memory information (5/27)
00:00:36m[PROGRESS 22%]00:00m Disk information (6/27)
00:00:36m[PROGRESS 25%]00:00m USB devices (7/27)
00:00:36m[PROGRESS 29%]00:00m PCI devices (8/27)
00:00:36m[PROGRESS 33%]00:00m Network interfaces (9/27)
00:00:36m[PROGRESS 37%]00:00m Network ports (10/27)
00:00:36m[PROGRESS 40%]00:00m Network sockets (11/27)
00:00:36m[PROGRESS 44%]00:00m Running processes (12/27)
00:00:36m[PROGRESS 48%]00:00m System load (13/27)
00:00:36m[PROGRESS 51%]00:00m Running services (14/27)
00:00:36m[PROGRESS 55%]00:00m Failed services (15/27)
00:00:36m[PROGRESS 59%]00:00m Installed packages (16/27)
00:00:36m[PROGRESS 62%]00:00m Upgradable packages (17/27)
00:00:36m[PROGRESS 66%]00:00m User accounts (18/27)
00:00:36m[PROGRESS 70%]00:00m Group information (19/27)
00:00:36m[PROGRESS 74%]00:00m Shadow passwords (20/27)
00:00:36m[PROGRESS 77%]00:00m Critical file permissions (21/27)
00:00:36m[PROGRESS 81%]00:00m Mount points (22/27)
00:00:36m[PROGRESS 85%]00:00m Disk usage (23/27)
00:00:36m[PROGRESS 88%]00:00m Log files listing (24/27)
00:00:36m[PROGRESS 92%]00:00m Firewall status (25/27)
00:00:36m[PROGRESS 96%]00:00m User crontab (26/27)
00:00:36m[PROGRESS 100%]00:00m Root crontab (27/27)
00:00:32m[INFO 5%]00:00m System information collection completed for pre_scan (100%)
00:00:34m[SECTION]00:00m Running Lynis Security Audit...
00:00:34m[SECTION]00:00m Collecting system information - during_scan
00:00:34m=====00:00m
00:00:34m=====00:00m
00:00:32m[INFO 8%]00:00m Starting Lynis security audit...
00:00:32m[INFO 11%]00:00m Running Lynis audit and capturing full output...
00:00:36m[PROGRESS 3%]00:00m Basic system summary (1/27)
00:00:36m[PROGRESS 7%]00:00m OS release information (2/27)
00:00:36m[PROGRESS 11%]00:00m Kernel information (3/27)
00:00:36m[PROGRESS 14%]00:00m CPU information (4/27)
00:00:36m[PROGRESS 18%]00:00m Memory information (5/27)
00:00:36m[PROGRESS 22%]00:00m Disk information (6/27)
00:00:36m[PROGRESS 25%]00:00m USB devices (7/27)
00:00:36m[PROGRESS 29%]00:00m PCI devices (8/27)
00:00:36m[PROGRESS 33%]00:00m Network interfaces (9/27)
00:00:36m[PROGRESS 37%]00:00m Network ports (10/27)
00:00:36m[PROGRESS 40%]00:00m Network sockets (11/27)
00:00:36m[PROGRESS 44%]00:00m Running processes (12/27)
00:00:36m[PROGRESS 48%]00:00m System load (13/27)
00:00:36m[PROGRESS 51%]00:00m Running services (14/27)
00:00:36m[PROGRESS 55%]00:00m Failed services (15/27)
00:00:36m[PROGRESS 59%]00:00m Installed packages (16/27)
00:00:36m[PROGRESS 62%]00:00m Upgradable packages (17/27)
00:00:36m[PROGRESS 66%]00:00m User accounts (18/27)
00:00:36m[PROGRESS 70%]00:00m Group information (19/27)
00:00:36m[PROGRESS 74%]00:00m Shadow passwords (20/27)
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00:36m[PROGRESS 77%]00m Critical file permissions (21/27)
00:36m[PROGRESS 81%]00m Mount points (22/27)
00:36m[PROGRESS 85%]00m Disk usage (23/27)
00:36m[PROGRESS 88%]00m Log files listing (24/27)
00:36m[PROGRESS 92%]00m Firewall status (25/27)
00:36m[PROGRESS 96%]00m User crontab (26/27)
00:36m[PROGRESS 100%]00m Root crontab (27/27)
00:32m[INFO 8%]00m System information collection completed for during_scan (100%)
00:32m[INFO 14%]00m Copying Lynis log files...
00:32m[INFO 17%]00m Generating comprehensive Lynis HTML report...
00:32m[INFO 20%]00m Converting Lynis data to XML format...
00:32m[INFO 22%]00m Lynis scan completed - Files saved in /home/gn/Desktop/project/lynis
00:34m[SECTION]00m Running OpenSCAP Security Scans...
00:34m=====00m
00:32m[INFO 25%]00m Running Ubuntu OVAL vulnerability scan...
00:32m[INFO 28%]00m Running Ubuntu 20.04 SCAP Security Guide scans...
00:32m[INFO 31%]00m Found Ubuntu 20.04 SCAP content: /home/gn/openscap/build/ssg-ubuntu2004-ds.xml
00:32m[INFO 34%]00m Listing available profiles for Ubuntu 20.04...
00:36m[PROGRESS 16%]00m Ubuntu 20.04 scan with profile: standard (1/6)
00:36m[PROGRESS 33%]00m Ubuntu 20.04 scan with profile: cis_level1_workstation (2/6)
00:36m[PROGRESS 50%]00m Ubuntu 20.04 scan with profile: cis_level2_workstation (3/6)
00:36m[PROGRESS 66%]00m Ubuntu 20.04 scan with profile: anssi_np_nt28_minimal (4/6)
00:36m[PROGRESS 83%]00m Ubuntu 20.04 scan with profile: anssi_np_nt28_average (5/6)
00:36m[PROGRESS 100%]00m Ubuntu 20.04 scan with profile: anssi_np_nt28_high (6/6)
00:32m[INFO 37%]00m Running Ubuntu 22.04 SCAP scans for comparison...
00:32m[INFO 40%]00m Running additional browser security scans...
00:32m[INFO 42%]00m Scanning Firefox security configuration...
00:32m[INFO 45%]00m Scanning Chromium security configuration...
00:32m[INFO 48%]00m OpenSCAP scans completed - Files saved in /home/gn/Desktop/project/-openscap
00:34m[SECTION]00m Running CIS-CAT Security Benchmarks with Headless Java Fix...
00:34m=====00m
00:32m[INFO 51%]00m Found CIS-CAT: /home/gn/openscap/build/Assessor-CLI.jar
00:32m[INFO 54%]00m Checking Java version...
openjdk version "11.0.27" 2025-04-15
00:32m[INFO 57%]00m Testing CIS-CAT basic functionality...
00:32m[INFO 60%]00m  CIS-CAT basic functionality works!
00:32m[INFO 62%]00m Listing Ubuntu 20.04 profiles...
00:32m[INFO 65%]00m Running CIS Level 1 Workstation assessment...
00:32m[INFO 68%]00m Running CIS Level 2 Workstation assessment...
00:32m[INFO 71%]00m Organizing CIS-CAT output files...
00:32m[INFO 74%]00m  SUCCESS! CIS-CAT generated 2 HTML reports and 0 XML files
00:32m[INFO 77%]00m CIS-CAT scans completed - Files saved in /home/gn/Desktop/project/-ciscat
00:34m[SECTION]00m Collecting system information - post_scan
00:34m=====00m
00:36m[PROGRESS 3%]00m Basic system summary (1/27)
00:36m[PROGRESS 7%]00m OS release information (2/27)
00:36m[PROGRESS 11%]00m Kernel information (3/27)
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00:36m[PROGRESS 96%]00:0m User crontab (26/27)
00:36m[PROGRESS 100%]00:0m Root crontab (27/27)
00:32m[INFO 80%]00:0m System information collection completed for post_scan (100%)
00:34m[SECTION]00:0m Generating Enhanced Summary Report...
00:34m=====00:0m
00:32m[INFO 82%]00:0m Enhanced summary report generated: /home/gn/Desktop/project/reports/-
security_scan_summary_20250720_114954.txt
00:32m[INFO 85%]00:0m Enhanced HTML summary report: /home/gn/Desktop/project/reports/-
security_scan_summary_20250720_114954.html
00:34m[SECTION]00:0m Creating Enhanced Report Index...
00:34m=====00:0m
00:32m[INFO 88%]00:0m Enhanced report index created: /home/gn/Desktop/project/README.txt
00:32m[INFO 91%]00:0m Enhanced HTML index created: /home/gn/Desktop/project/index.html
00:34m[SECTION]00:0m ENHANCED Scan Completed Successfully!
00:34m=====00:0m
00:32m[INFO 94%]00:0m Results saved to: /home/gn/Desktop/project
00:32m[INFO 97%]00:0m Generated 10 HTML reports and 6 XML files
00:32m[INFO 100%]00:0m Open index.html in browser to access all enhanced reports
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