

ESL Pro Security Report

Generated on: 2025-09-14 18:07:01 ADT

Executive Summary

This security analysis reveals a medium risk level due to the presence of five potentially suspicious processes and one process lacking a digital signature. While no critical vulnerabilities were detected, the unusual execution of `explorer.exe` and the lack of digital signature on `LibreViewMASMonitor.exe` warrant immediate investigation and proactive security measures.

Antivirus Status

{'C:\\Windows\\Temp': '', 'C:\\Users\\leaw0\\Downloads': ''}

Firewall Status

Domain Profile Settings: ----- State ON Firewall
Policy BlockInbound,AllowOutbound LocalFirewallRules N/A (GPO-store only) LocalConSecRules
N/A (GPO-store only) InboundUserNotification Enable RemoteManagement Disable
UnicastResponseToMulticast Enable Logging: LogAllowedConnections Disable
LogDroppedConnections Disable FileName %systemroot%\\system32\\LogFiles\\Firewall\\pfirewall.log
MaxFileSize 4096 Private Profile Settings: -----
State ON Firewall Policy BlockInbound,AllowOutbound LocalFirewallRules N/A (GPO-store only)
LocalConSecRules N/... [truncated]

Network Status

{'nmap': {'command_line': 'nmap -oX - -sV 127.0.0.1', 'scaninfo': {'tcp': {'method': 'syn', 'services': '1,3-4,6-7,9,13,17,19-26,30,32-33,37,42-43,49,53,70,79-85,88-90,99-100,106,109-11,113,119,125,135,139,143-144,146,161,163,179,199,211-212,222,254-256,259,264,280,301,306,311,340,366,389,406-407,416-417,425,427,443-445,458,464-465,481,497,500,501,502,503,504,505,506,507,508,509,510,511,512,513,514,515,516,517,518,519,520,521,522,523,524,525,526,527,528,529,530,531,532,533,534,535,536,537,538,539,540,541,542,543,544,545,546,547,548,549,550,551,552,553,554,555,556,557,558,559,550-559,560-569,570-579,580-589,590-599,600-609,610-619,620-629,630-639,640-649,650-659,660-669,670-679,680-689,690-699,700-709,710-719,720-729,730-739,740-749,750-759,760-769,770-779,780-789,790-799,800-809,810-819,820-829,830-839,840-849,850-859,860-869,870-879,880-889,890-899,900-909,910-919,920-929,930-939,940-949,950-959,960-969,970-979,980-989,990-999,1000-1009,1010-1019,1020-1029,1030-1039,1040-1049,1050-1059,1060-1069,1070-1079,1080-1089,1090-1099,1100-1109,1110-1119,1120-1129,1130-1139,1140-1149,1150-1159,1160-1169,1170-1179,1180-1189,1190-1199,1200-1209,1210-1219,1220-1229,1230-1239,1240-1249,1250-1259,1260-1269,1270-1279,1280-1289,1290-1299,1300-1309,1310-1319,1320-1329,1330-1339,1340-1349,1350-1359,1360-1369,1370-1379,1380-1389,1390-1399,1400-1409,1410-1419,1420-1429,1430-1439,1440-1449,1450-1459,1460-1469,1470-1479,1480-1489,1490-1499,1500-1509,1510-1519,1520-1529,1530-1539,1540-1549,1550-1559,1560-1569,1570-1579,1580-1589,1590-1599,1600-1609,1610-1619,1620-1629,1630-1639,1640-1649,1650-1659,1660-1669,1670-1679,1680-1689,1690-1699,1700-1709,1710-1719,1720-1729,1730-1739,1740-1749,1750-1759,1760-1769,1770-1779,1780-1789,1790-1799,1800-1809,1810-1819,1820-1829,1830-1839,1840-1849,1850-1859,1860-1869,1870-1879,1880-1889,1890-1899,1900-1909,1910-1919,1920-1929,1930-1939,1940-1949,1950-1959,1960-1969,1970-1979,1980-1989,1990-1999,2000-2009,2010-2019,2020-2029,2030-2039,2040-2049,2050-2059,2060-2069,2070-2079,2080-2089,2090-2099,2100-2109,2110-2119,2120-2129,2130-2139,2140-2149,2150-2159,2160-2169,2170-2179,2180-2189,2190-2199,2200-2209,2210-2219,2220-2229,2230-2239,2240-2249,2250-2259,2260-2269,2270-2279,2280-2289,2290-2299,2300-2309,2310-2319,2320-2329,2330-2339,2340-2349,2350-2359,2360-2369,2370-2379,2380-2389,2390-2399,2400-2409,2410-2419,2420-2429,2430-2439,2440-2449,2450-2459,2460-2469,2470-2479,2480-2489,2490-2499,2500-2509,2510-2519,2520-2529,2530-2539,2540-2549,2550-2559,2560-2569,2570-2579,2580-2589,2590-2599,2600-2609,2610-2619,2620-2629,2630-2639,2640-2649,2650-2659,2660-2669,2670-2679,2680-2689,2690-2699,2700-2709,2710-2719,2720-2729,2730-2739,2740-2749,2750-2759,2760-2769,2770-2779,2780-2789,2790-2799,2800-2809,2810-2819,2820-2829,2830-2839,2840-2849,2850-2859,2860-2869,2870-2879,2880-2889,2890-2899,2900-2909,2910-2919,2920-2929,2930-2939,2940-2949,2950-2959,2960-2969,2970-2979,2980-2989,2990-2999,20000-20099,20100-20199,20200-20299,20300-20399,20400-20499,20500-20599,20600-20699,20700-20799,20800-20899,20900-20999,21000-21099,21100-21199,21200-21299,21300-21399,21400-21499,21500-21599,21600-21699,21700-21799,21800-21899,21900-21999,22000-22099,22100-22199,22200-22299,22300-22399,22400-22499,22500-22599,22600-22699,22700-22799,22800-22899,22900-22999,23000-23099,23100-23199,23200-23299,23300-23399,23400-23499,23500-23599,23600-23699,23700-23799,23800-23899,23900-23999,24000-24099,24100-24199,24200-24299,24300-24399,24400-24499,24500-24599,24600-24699,24700-24799,24800-24899,24900-24999,25000-25099,25100-25199,25200-25299,25300-25399,25400-25499,25500-25599,25600-25699,25700-25799,25800-25899,25900-25999,26000-26099,26100-26199,26200-26299,26300-26399,26400-26499,26500-26599,26600-26699,26700-26799,26800-26899,26900-26999,27000-27099,27100-27199,27200-27299,27300-27399,27400-27499,27500-27599,27600-27699,27700-27799,27800-27899,27900-27999,28000-28099,28100-28199,28200-28299,28300-28399,28400-28499,28500-28599,28600-28699,28700-28799,28800-28899,28900-28999,29000-29099,29100-29199,29200-29299,29300-29399,29400-29499,29500-29599,29600-29699,29700-29799,29800-29899,29900-29999,200000-200999,201000-201999,202000-202999,203000-203999,204000-204999,205000-205999,206000-206999,207000-207999,208000-208999,209000-209999,210000-210999,211000-211999,212000-212999,213000-213999,214000-214999,215000-215999,216000-216999,217000-217999,218000-218999,219000-219999,220000-220999,221000-221999,222000-222999,223000-223999,224000-224999,225000-225999,226000-226999,227000-227999,228000-228999,229000-229999,230000-230999,231000-231999,232000-232999,233000-233999,234000-234999,235000-235999,236000-236999,237000-237999,238000-238999,239000-239999,240000-240999,241000-241999,242000-242999,243000-243999,244000-244999,245000-245999,246000-246999,247000-247999,248000-248999,249000-249999,250000-250999,251000-251999,252000-252999,253000-253999,254000-254999,255000-255999,256000-256999,257000-257999,258000-258999,259000-259999,260000-260999,261000-261999,262000-262999,263000-263999,264000-264999,265000-265999,266000-266999,267000-267999,268000-268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00,512-515,524,541,543-545,548,554-555,563,587,593,616-617,625,631,636,646,648,6
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11,1021-1100,1102,1104-1108,1110-1114,1117,1119,1121-1124,1126,1130-1132,1137-11
38,1141,1145,1147-1149,1151-1152,1154,1163-1166,1169,1174-1175,1183,1185-1187,11
92,1198-1199,1201,1213,1216-1218,1233-1234,1236,1244,1247-1248,1259,1271-1272,12
77,1287,1296,1300-1301,1309-1311,1322,1328,1334,1352,1417,1433-1434,1443,1455,14
61,1494,1500-1501,1503,1521,1524,1533,1556,1580,1583,1594,1600,1641,1658,1666,16
87-1688,1700,171... [truncated]

Process Security

```
{'scan_time': '2025-09-14T18:07:01.226575', 'total_processes': 248, 'suspicious_processes': 5,  
'high_resource_processes': 0, 'network_processes': 36, 'processes': [{  
    'pid': 272, 'name': 'Registry',  
    'exe_path': 'Registry', 'cmdline': "", 'cpu_percent': 0.0, 'memory_percent': 0.0805700077549706,  
    'create_time': '2025-09-14T11:10:53.581732', 'username': None, 'status': 'running', 'num_threads': 4,  
    'network_connections': 0, 'listening_ports': []}, {  
    'pid': 368, 'name': 'ApplicationFrameHost.exe',  
    'exe_path': 'C:\Windows\System32\ApplicationFrameHost.exe', 'cmdline':  
    'C:\WINDOWS\system32\ApplicationFrameHost.exe -Embedding', 'cpu_percent': 0.0,  
    'memory_percent': 0.07215801417022506, 'create_time': '2025-09-14T11:18:17.099874',  
    'username': 'DESKTOP-DUQ7M23\leaw0', 'status': 'running', 'num_threads': 33,  
    'network_connections': 0, 'listening_ports': [], 'file_size': 96504, 'file_modified':  
    '2025-04-25T18:10:17.261243', 'file_created': '2025-04-25T18:10:17.250240', 'file_hash_partial':  
    '435... [truncated]'}]
```

Vulnerability Scan Results

[OK] No vulnerabilities detected in the scanned directories.

OSV Scanner Details

OSV Results: No output from scanner

Network Traffic Analysis

Analyzed 30 network connections

Process Security Analysis

Scanned 248 processes, found 5 suspicious processes. Process security risk level: MEDIUM

Key Process Findings:

Found 5 potentially suspicious processes

Susp
c:\wir

AI Security Recommendations

Detailed Analysis & Recommendations

1. ****Immediate Investigation of Suspicious Processes:**** Prioritize investigating the processes identified as suspicious - `explorer.exe` (PID: 9260) and `LibreViewMASMonitor.exe` (PID: 10144). Use process monitoring tools to understand their behavior, network connections, and resource usage.

2. ****Digital Signature Verification:**** Ensure all executable files, particularly those from third-party software, are digitally signed by a trusted vendor. Investigate why `LibreViewMASMonitor.exe` lacks a digital signature and determine if it's a legitimate absence or a potential security risk.

3. ****Enhanced Process Monitoring & Alerting:**** Implement or optimize existing process monitoring solutions to actively track resource usage, network activity, and command-line arguments of potentially risky processes. Set up alerts for anomalous behavior, such as unexpected network connections or elevated privileges.

4. ****Full Antivirus Scan:**** Conduct a comprehensive full system scan using a reputable antivirus solution to identify and remove any malware or suspicious files.

5. ****Regular Security Audits & Process Reviews:**** Establish a schedule for regular security audits, including reviewing running processes, executable files, and security configurations, to identify and address potential vulnerabilities proactively.

Risk Assessment

Overall Risk Level: LOW - System appears secure