

Windows event auditing reference

Classic event log

System
Security
Application

Microsoft-Windows-Sysmon/Operational

Event log

SYSMON

Microsoft-Windows-SMBClient/Operational

Event log

SMB client

Microsoft-Windows-SMBClient/Security

Event log

SMB server

Microsoft-Windows-SMBServer/Operational

Event log

SMB share

Microsoft-Windows-SMBServer/Security

Event log

File share

Audit File Share (S)

Audit log

File share (Advanced)

Audit File Share (S)

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Audit log

Noisy subcategory
Disabled event log

Author: mdecroisier
Version: 2022.07.18
Status: stable

SOURCES
- NSA guidance: <https://apps.nsa.gov/aarchive/library/a-guidance/security-configuration/applications/assets/public/upload/Spotting-the-Adversary-with-Windows-Event-Log-Monitoring.pdf>
- Notable events: <https://github.com/TonyPhelps/SEM/blob/master/Notable-Event-IDs.md#microsoft-windows-wsmoperational>
- Event forwarding guidance: <https://github.com/nsacyber/Event-Forwarding-Guidance/blob/master/Events/README.md>
- Awesome event IDs: <https://github.com/Julius/awsome-event-ids>
- Forensic goodness: <https://nsabench.medium.com/finding-forensic-goodness-in-obscur-windows-event-logs-6be78be45a3>
- WDC/AptLocker/SOP: <https://4sysops.com/archives/application-whitelisting-software-restriction-policies-vs-aplocker-vs-windows-defender-application-control/>
- ANSSI: <https://www.ssi.gouv.fr/guide/recommandations-de-securite-pour-la-journalisation-des-systemes-microsoft-windows-en-environnement-active-directory>
- Audit policy auditing and events: https://docs.google.com/spreadsheets/d/02PACX-1v5D5-33wIU_QwBVZ4XhivZ30BgChVZ5AigbVthakI0UN4DF5ScpKXqmYdGwLzNfBgYhEhVj0u4hVm1/edit#gid=0
- Audit policy best practices: <https://docs.microsoft.com/en-us/windows-server/identity/ad-ds/plan/security-best-practices/audit-policy-recommendations>
- Logging essentials: <https://github.com/JSCU-NL/logging-essentials/blob/main/WindowsEventLogging.adoc>
- Windows 10 event manifest: <https://github.com/repnz/etw-providers-docs/tree/master/Manifests-Win10-17134>
- <https://docs.microsoft.com/en-us/windows-server/identity/ad-ds/plan/appendix-l--events-to-monitor>

21-Application & Updates

