Windows 10 Baseline Project Design Document

Author: Philip Kleinberg

Scripts:

1. Windows 10 Hardware Baseline
2. Windows 10 Configuration Baseline

Script #2- Windows 10 Configuration Baseline

Goal: Generate a file that details various details about hardware components of a IT system that is running a Windows 10 operating system.

Method: PowerShell script

Details:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Detail 1 | Detail 2 | Detail 3 | Detail 4 | Detail 5 | Detail 6 | Detail 7 | Detail 8 | Detail9 |
| Processor | Manufacturer | Model | Architecture | Core Count | Thread count | Base clock speed | Cache memory | Thermal Design Power | Socket Type |
| Memory | Capacity | Number of DIMM slots | Generation | Clock speed | ECC | Form Factor | Multi-channel |  |  |
| Storage | Type | Capacity | Read speed | Write speed | Interface | Make | Model | Raid |  |
| Motherboard | Make | Model | Chipset | Slot | Integrated features |  |  |  |  |
| Power Supply | Make | Model | Wattage | Efficiency | Rating | Rails/Amps |  |  |  |
| Network adapter | Make | Model | Speed | MAC | Number of Ports | Type |  |  |  |
| Graphics processor | Make | Model | Dedicated/Integrated | VRAM Size | Core Clock speed | Cooling type |  |  |  |
| Resource Utilization |  |  |  |  |  |  |  |  |  |
| Peripheral | Make | Model | Type |  |  |  |  |  |  |
| Expansion | Make | Model | Type |  |  |  |  |  |  |
| Security & Compliance | TPM | Smart Card Reader | Hardware key | BIOS |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| Processor | |
| Name | Intel |
| Manufacturer | GenuineIntel |
| Core count | 6 |
| Logical processor count |  |
| Clock speed count |  |