**Job 217528 ClientPower - Idle**

**Workflow Name:** ClientPower - Idle

**Datastore:** <path-removed>Platform Health\POW-Power\Power-ShipGates\Tests

**Owner:** <removed>

Client Power Idle Test - Measures system power usage during Idle on classic screen Accessory executables are detailed at the end of this document.

TH2: <path-removed>

**Local**

**Parameter Recommended value**

DurationInSecs 600

Iterations 1

DelayInSecs 60

TestConfig.xml See below

TestProfile.wprp See below

EnableInterface 802.11| 802.11|<blank>

**Global**

**Parameter Recommended value**

LLU\_NetAccessOnly LLU\_NAO

LLU\_lclAdmin LLU\_LA

DaeployerPath <path-removed>Deployer

DeployerName Deployer

DeployerParameters /WorkingDirectory=[WTTRunWorkingDir]

/WTT\TestBinRoot=[WTT\TestBinRoot]

/WTT\OSBinRoot=[WTT\OSBinRoot]

/WTT\WoW64TestBinRoot=[WTT\WoW64TestBinRoot] /WTT\WoW64OSBinRoot=[WTT\WoW64OSBinRoot]

/WEX\TestBinRoot=[WEX\TestBinRoot]

/WEX\OSBinRoot=[WEX\OSBinRoot]

/RuntimeDeployments="[RuntimeDeployments]"

RuntimeDeployments %PROGRAMFILES%RuntimeDeployments

ExecutionServicePath <path-removed>\ExecutionService

WEX\OSBinRoot [WTT\OSBinRoot]

WEX\TestBinRoot [WTT\TestBinRoot]

WIN8\_SharePath\_NtwdataFundamentals

<path-removed>fundamentals

WIN8\_SharePath\_NtwdataPowtel

<path-removed>powtel

**Job 217528 Breakdown**

# Setup Phase

Reboot to settle machine - wttcmd /eareboot /timeout:5

TJM-PerfBench PreSetup {B2F6ED89-6AC6-4B0D-9072-D1EC8ECD7520} - powershell -EP bypass if (Get-Command -EA SilentlyContinue PerfBenchPreSetup.ps1) {PerfBenchPreSetup.ps1}

TJM-SupportFiles –

[WTT\OSBinRoot]\WexTest\Deployment\TAEF.Managed.deployment

[WTT\OSBinRoot]\WexTest\CuE\TestExecution\Support\Microsoft-Windows-TestExecution.man

[WIN8\_SharePath\_NtwdataPowtel]\CTF\ClientPower\Tests\[WTT\Processor]\\*

[WTT\OSBinRoot]\WexTest\CuE\TestExecution\\*

<path-removed>\SleepStopper\SleepBlocker.exe

\\ntwdata\POWTEL\CTF\ClientPower\BaseProfile\Power.wprp

TJM-DeployerCopy

[DeployerPath]\[DeployerName].exe

[DeployerPath]\[DeployerName].exe.config

[ExecutionServicePath]\[WTT\Processor]\LuaInterop.dll

TJM-DeployerInstall - [WTTRunWorkingDir]\[DeployerName].exe [WTTRunWorkingDir] [DeployerParameters] /silent /noconfirmation /staged

Reboot Using Shutdown - shutdown /r /t 0

TJM-S7-powershell -EP bypass -Command "& .\TestSetup.ps1 150 - powershell -EP bypass -Command "& .\TestSetup.ps1 150" > [WTTRunWorkingDir]\TestSetup.log

TJM-S7-powershell -EP bypass -Command "& {$tepath = (Get- - powershell -EP bypass -Command "& {$tepath = (Get-Command te.exe).Path; wevtutil im .\Microsoft-Windows-TestExecution.man /rf:$tepath /mf:$tepath}"

TJM-PerfBench PreRun {13B8E0AD-6DFD-4E9E-803D-824E0731108B} - powershell -EP bypass if (Get-Command -EA SilentlyContinue PerfBenchPreRun.ps1) {PerfBenchPreRun.ps1}

RunJob - Switch to Classic Desktop – 172818 - Switch to classic desktop

# Regular Phase

Disable Sleep - sleepblocker.exe 1800 > sleepblocker.log

Strong Name Validation Workaround - reg.exe delete HKLM\SOFTWARE\Microsoft\StrongName\Verification\\*,31bf3856ad364e35 /va /f

Perfbench wrapper task - powershell -EP Bypass pb.ps1 [TestConfig.xml] [TestProfile.wprp]

# Cleanup Phase

TJM-PerfBench PostRun {D9FEC7F3-69A6-48F6-A339-5E2EB415BD76} - powershell -EP bypass if (Get-Command -EA SilentlyContinue PerfBenchPostRun.ps1) {PerfBenchPostRun.ps1}

TJM-DeployerUninstall - [WTTRunWorkingDir]\[DeployerName].exe [WTTRunWorkingDir] [DeployerParameters] /silent /noconfirmation /staged /uninstall

TJM-OutputFiles – Copy

[WTTRunWorkingDir]\\*.wtl 🡪 [WttTargetMachineName]

[WTTRunWorkingDir]\\*.log 🡪 [WttTargetMachineName]

[WTTRunWorkingDir]\\*.jpg 🡪 [WttTargetMachineName]

[WTTRunWorkingDir]\powertrace.\* 🡪 [WttTargetMachineName]

TJM-PerfBench PostCleanup {9084FAFB-ADF9-4D80-BA35-1CA73B64D99A} - powershell -EP

pass if (Get-Command -EA SilentlyContinue PerfBenchPostCleanup.ps1) PerfBenchPostCleanup.ps1}

# Accessory Scripts and Executables

Setup

<path-removed>\Video\PerfbenchPreSetup.ps1

\\atlasrelease.redmond.corp.microsoft.com\tools\Atlas\Deployer\Deployer.exe

<path-removed>\Video\TestSetup.ps1

<path-removed>\Video\PerfbenchPreRun.ps1

<path-removed>\Video\wttsdk.ps1

Regular

<path-removed>\SleepStopper\SleepBlocker.exe

<path-removed>\Video\pb.ps1

Cleanup

<path-removed>\Video\PerfbenchPostRun.ps1

<path-removed>\Video\PerfbenchPostCleanup.ps1

# TestConfig.xml

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# TestProfile.wprp

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<WindowsPerformanceRecorder Version="1.0" Author="WPR Profile Generator" Copyright="Microsoft Corporation" Company="Microsoft Corporation">

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<Buffers Value="20" />

</EventCollector>

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<Keyword Value="0x245" />

</Keywords>

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<EventProvider Id="EventProvider\_Microsoft-Windows-TestExecution" Name="Microsoft-Windows-TestExecution" NonPagedMemory="true" />

<EventProvider Id="EventProvider\_Microsoft-Windows-Energy-Estimation-Engine" Name="Microsoft-Windows-Energy-Estimation-Engine" NonPagedMemory="true" />

<EventProvider Id="EventProvider\_Microsoft-Windows-DxgKrnl\_CaptureState" Name="Microsoft-Windows-DxgKrnl" CaptureStateOnly="true" NonPagedMemory="true">

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</EventCollectorId>

</Collectors>

</Profile>

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</Profiles>

</WindowsPerformanceRecorder>