Knowledge Base

Wednesday, May 16, 2018　　11:25 AM

Item	Status
CM 1802	https://www.microsoft.com/en-us/evalcenter/
GPP Apply once	https://www.verboon.info/2013/05/how-to-reapply-a-group-policy-preference-that-is-configured-to-apply-once/
Surface Dock	https://docs.microsoft.com/en-us/surface/surface-dock-updater
Launch HTA	https://blogs.technet.microsoft.com/cameronk/2011/01/25/can-i-use-serviceui-exe-to-launch-other-programs-besides-the-udi-setup-wizard/
SQL Query	https://automatizeblog.wordpress.com/2016/02/26/sql-reportquery-on-execution-status-of-a-task-sequence-that-has-3-different-states/
	Network Readiness SCCM Readiness AD Readiness Drivers Via SCCM Servicing
Lenovo Logo	https://forums.lenovo.com/t5/ThinkPad-X-Series-Laptops/X1-Bios-hangs-when-windows-restarts/td-p/3887084 https://support.lenovo.com/us/en/solutions/ht103960
Folder Redirection	https://4sysops.com/archives/how-to-disable-folder-redirection/ https://support.microsoft.com/en-us/help/888203/how-to-stop-folder-redirection-in-windows-server-2003-and-in-windows-2 [HKEY_CURRENT_USER\Software\Policies\Microsoft] [HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Group Policy Objects] [HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Policies From <https://social.technet.microsoft.com/Forums/windows/en-US/25f2d9ba-881b-430c-bb72-03a124254dc3/changed-folder-redirection-gpo-but-setting-will-not-take-affect?forum=winserverGP> http://www.adshotgyan.com/2012/06/redirected-data-moves-from-one-server.html
TS Hangs at office installation	https://social.technet.microsoft.com/Forums/en-US/df8f6ba1-84dc-4a6e-a19e-507d2b68d32b/osd-task-sequence-hangs-during-install-applications-group?forum=configmanagerosd
Power Config	https://specopssoft.com/blog/preventing-sleep-when-patching-a-new-image/ http://lpmautomation.co.uk/?p=266
Pending Reboot	**HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Session Manager** From <https://support.microsoft.com/en-us/help/181345/how-to-replace-in-use-files-at-windows-restart>
WMI Queries	wmic computersystem get model wmic csproduct get vendor,version Wmic BIOS get SerialNumber wmic computersystem get /format:list
SCCM Client Version	Get-WMIObject -namespace root\ccm -class sms_client
Enable Mouse Cursor in Win 10	reg.exe add HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\System /v EnableCursorSuppression /t REG_DWORD /d0 /f
	https://support.lenovo.com/nz/en/accessories/acc100348
Get App Name from Unique content ID	Get-WmiObject -ComputerName DEMRHSCMP003.ONETAKEDA.COM -Namespace "root\sms\site_C01" -Query "select SecuredModelName from SMS_CIToContent where ContentUniqueID = 'Content_25cda114 - cb46-4625-81c9-e4cb7f62b8dc'"	select -first 1	%{get-wmiobject -ComputerName DEMRHSCMP003.ONETAKEDA.COM -Namespace "root\sms\site_C01" -query "select LocalizedDisplayName from SMS_Application where ModelName = '$($_.SecuredModelName)'"}	select LocalizedDisplayName -first 1
GPO Registry	HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Group Policy\History
GPP to Delete File	User Policy; User Configuratoin > Preferences > Windows Settings > Files > DELETE > is within the local C:\Users\%username% directory.
One Drive Client	https://support.office.com/en-us/article/new-onedrive-sync-client-release-notes-845dcf18-f921-435e-bf28-4e24b95e5fc0
O.S Version	wmic os get BuildNumber,Caption,version Select * from Win32_OperatingSystem where BuildNumber='14393'
O.S Release Info	https://www.microsoft.com/en-us/itpro/windows-10/release-information
Driver Info	gwmi Win32_pnpsigneddriver	where {$_.devicename -like '*Wireless*' -and $_.devicename -notlike '* Bluetooth*'}	Select devicename,driverversion,Description	ft
Singapore DP Issue	http://gerryhampsoncm.blogspot.ie/2013/02/sccm-2012-task-sequence-fails-with-bcd.html
Driver Information Hardware Inventory	https://blogs.technet.microsoft.com/configmgr_geek_speak/2013/11/10/inventorying-and-reporting-network-adapter-driver-details-and-how-to-report-only-the-wireless-type-with-bonus-mini-primer-on-sql-report-builder-in-configuration-manager-2012/
SCCM Client Registries	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\SMS\Mobile Client AssignedSiteCode GPRequestedSiteassignmentCode Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\CCM\FSP
Upgrade SCCM Client	"C:\windows\ccmsetup\ccmsetup.exe" /uninstall "C:\windows\ccmsetup\ccmsetup.exe" "/MP:USLSASCMP001.onetakeda.com" FSP="USLSASCMP001.onetakeda.com" INSTALL="ALL" SMSMP="USLSASCMP001.onetakeda.c om" SMSSITECODE="P02"
Profile	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\ProfileList From <https://support.microsoft.com/en-us/help/156826/how-to-disable-and-delete-user-profiles>
DP Content	Get-WMIObject -ComputerName USLSASCMP001 -Namespace "root\sccmdp" -Query ("Select * from SMS_PackagesInContLib where PackageID = 'C0100566'") http://wmug.co.uk/wmug/b/peter_egerton/archive/2014/03/19/configuration-manager-dp-configuration-status-and-content-validation
GUID	SELECT * FROM dbo.v_R_System WHERE (SMBIOS_GUID0 LIKE 'GUIDHERE%') From <https://nikifoster.wordpress.com/2011/01/31/find-configmgr-client-by-smsbios-guid/>
Duplicate MAC Address	select vrs.ResourceID, Name0, vmac.MAC_Addresses0 from v_R_System vrs join v_RA_System_MACAddresses vmac on vmac.ResourceID=vrs.ResourceID where vmac.MAC_Addresses0='e0:4f:43:94:bb:a8'
Add Machines to Collection COM Issue	https://larslohmann.blogspot.com/2014/06/get-wmiobject-retrieving-com-class.html#comment-form
WMI Filter for Below 1709	root\CIMv2 select * from Win32_OperatingSystem where Version < "10.0.16299%" and ProductType="1"
WMI Filter for 1803	root\CIMv2 Select BuildNumber from Win32_OperatingSystem where BuildNumber='17134'
GPRESULT Scope	gpresult /SCOPE:Computer /User:rpq9374 /h c:\Patches\comp3.html
GPP Preference	Computer: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Group Policy\Client\RunOnce User : HKEY_Current_User\SOFTWARE\Microsoft\Group Policy\Client\RunOnce
BitLocker	**Enable\Disable** manage-bde -protectors -disable c: manage-bde -protectors -enable c: **Save Keys to AD** manage-bde -protectors -get c: manage-bde -protectors -adbackup c: -id {38B0D8AE-C4D4-4838-A0D0-9A3ABEBA720B} --Recover keys manage-bde -unlock <WindowsDrive> -RecoveryKey <USBDriverLetter>:\keyfile.key ex: manage-bde -unlock C: -RecoveryKey E:\keyfile.key
Spark	Advanced Apache Spark Training - Sameer Farooqui (Databricks)
Client Privosioning Mode Auto Update	Powershell.exe Invoke-WmiMethod -Namespace root\CCM -Class SMS_Client -Name SetClientProvisioningMode -ArgumentList $false C:\Windows\CCM\Logs\CertificateMaintenance.log HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\CCM HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\CCMSetup HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\SMS HKEY_LOCAL_MACHINE\Software\Microsoft\SMS\Mobile Client\Software Distribution\State Paused REG_DWORD 0x1

	PausedCookie REG_DWORD 0x225 HKEY_LOCAL_MACHINE\Software\Microsoft\CCM\CcmExec **ProvisioningMode REG_SZ true** https://configurationmanager.uservoice.com/forums/300492-ideas/suggestions/16050814-control-windows-10-driver-auto-update
Cisco jabber Integration	https://supportforums.cisco.com/t5/jabber-clients/your-office-configuration-is-corrupt-reinstall-cisco-jabber-to/td-p/2204364
Language Bar in Windows 10 Keyboard Setting	HKEY_CURRENT_USER\Software\Microsoft\CTF\LangBar **ShowStatus** DWORD **0** = Floating on desktop **4** = Docked in the taskbar **3** = Hidden From <https://www.tenforums.com/tutorials/103041-turn-off-language-bar-input-indicator-windows-10-a.html>
Keyboard Settings	https://support.citrix.com/article/CTX223316
PXE Settings	https://gal.vin/2017/05/05/pxe-booting-for-uefi-bios/ https://community.infoblox.com/t5/DNS-DHCP-IPAM/UEFI-PXE-Boot/td-p/6210
WMI Filter for GPP	Select BuildNumber from Win32_OperatingSystem where BuildNumber < '17134'
Keyboard Layout Japan LayerDriver JPN	https://support.microsoft.com/en-us/help/927824/windows-may-not-use-the-correct-keyboard-layout-when-you-connect-a-usb
Show WiFi Devices	netsh wlan show interface netsh wlan show wlanreport
KMS Server	nslookup -type=all _vlmcs._tcp
Prevent machines from downloading printer drivers - cirrato	https://getadmx.com/?Category=Windows_10_2016&Policy=Microsoft.Policies.DeviceSoftwareSetup::DeviceMetadata_PreventDeviceMeta dataFromNetwork
Microsoft Security Guidance blog	https://blogs.technet.microsoft.com/secguide/
MDT Logs	C:\Windows\Temp\DeploymentLogs C:\Windows\ccmsetup\logs C:\User\Administrator\AppData\Local\Temp\SMSTSLog
This could be due to CredSSP encryption oracle remediation.	REG ADD HKLM\Software\Microsoft\Windows\CurrentVersion\Policies\System\CredSSP\Parameters\ /v AllowEncryptionOracle /t REG_DWORD /d 2 From <https://support.microsoft.com/en-us/help/4295591/credssp-encryption-oracle-remediation-error-when-to-rdp-to-azure-vm>
Language Packs	https://techcommunity.microsoft.com/t5/Windows-IT-Pro-Blog/Adding-Local-Experience-Packs-to-your-Windows-image/ba-p/254125 https://msdn.microsoft.com/en-us/goglobal/bb688177.aspx
Microsoft Tech community	https://techcommunity.microsoft.com/t5/Windows-10/ct-p/Windows10
Windows 10 Compatibility Scan	*setup.exe /Auto Upgrade /Quiet /NoReboot /Compat ScanOnly*
Get-ADComputer	Get-ADComputer -Filter "Name -like 'US*'" -SearchBase 'OU=AR,OU=AMERICAS,OU=Workstations,DC=OneTakeda,DC=com' -SearchScope 1 -Properties * Get-ADComputer -Filter "Name -like 'US*'" -SearchBase 'OU=AR,OU=AMERICAS,OU=Workstations,DC=OneTakeda,DC=com' -SearchScope 1	Select-Object Name,DistinguishedName,Enabled,whenCreated,whenChanged	Out-GridView
Windows 10 App Compat Strategy`	https://blogs.msdn.microsoft.com/cjacks/2016/09/12/windows-10-app-compat-strategy/
Get AD Group memebership	(Get-ADUser thackerd –Properties MemberOf).MemberOf	out-file c:\patches\thackeradgroups.txt
Windows 10 Setup command options	https://docs.microsoft.com/en-us/windows-hardware/manufacture/desktop/windows-setup-command-line-options
Windows 10 Upgrade Assessment Errors	• No issues found: 0xC1900210 • Compatibility issues found (hard block): 0xC1900208 • Migration choice (auto upgrade) not available (probably the wrong SKU or architecture)· 0xC1900204 • Does not meet system requirements for Windows 10: 0xC1900200 • Insufficient free disk space: 0xC190020E From <https://blogs.technet.microsoft.com/mniehaus/2015/08/23/windows-10-pre-upgrade-validation-using-setup-exe/> https://kevinisms.fason.org/2017/02/windows-10-in-place-upgrade-assessment.html
GPP Group policy preference Reapply	HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Group Policy\Client\RunOnce HKCU\SOFTWARE\Microsoft\Group Policy\Client\RunOnce From <https://www.verboon.info/2013/05/how-to-reapply-a-group-policy-preference-that-is-configured-to-apply-once/>
How to Display Detailed Information on the Boot Screen	Computer Configuration -> Policies -> System -> **Display highly detailed status messages** = Enabled **verbosestatus** and the value **1** in the registry key **HKEY_LOCAL_MACHINE\SOFTWARE Microsoft \Windows \CurrentVersion\Policies\System.** From <http://woshub.com/troubleshoot-slow-gpo-processing-and-login-speed-impact/>
Import functions from a powershell script	. .\build_funtions.ps1 . .\build_builddefs.ps1
Install RSAT Tools for Win 10 1809	DISM.exe /Online /add-capability /CapabilityName:Rsat.ActiveDirectory.DS-LDS.Tools~~~~0.0.1.0 /CapabilityName:Rsat.Dns.Tools~~~~0.0.1.0 /CapabilityName:Rsat.GroupPolicy.Management.Tools~~~~0.0.1.0 /CapabilityName:Rsat.LLDP.Tools~~~~0.0.1.0
Get Installed software updates	Get-hotfix
SMSCFG.ini	https://www.emmanuelrached.com/tag/smsconfig-ini/
SCCM Client MP Issue	\ProgramData\Microsoft\Crypto\RSA\MachineKeys\19c5cf9c7b5dc9de3e548adb70398402* http://www.mssccm.com/uncategorized/sccm-client-registration-failed-regtask-failed-to-get-certificate-error-0x80004005/
SCCM Logging	reg add HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\CCM\Logging\@Global /v LogDirectory /t REG_SZ /d C:\Windows\CCM\Logs /f reg add HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\CCM\Logging\@Global /v LogEnabled /t REG_DWORD /d 1 /f reg add HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\CCM\Logging\@Global /v Enabled /t REG_SZ /d True /f reg add HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\CCM\Logging\@Global /v LogLevel /t REG_DWORD /d 1 /f reg add HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\CCM\Logging\@Global /v LogMaxHistory /t REG_DWORD /d 3 /f reg add HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\CCM\Logging\@Global /v LogMaxSize /t REG_DWORD /d 250000 /f
Sets the Windows UI language override setting for the current user account.	Set-WinUILanguageOverride -Language de-DE
Get BitLocker Protectors	manage-bde -protectors -get <volume>
SCCM DP Content distribution	https://blogs.technet.microsoft.com/sudheesn/2013/12/15/content-distribution-to-distribution-points-part-ii/
	Dism.exe /
Add Appx Package windows store	Add-AppxPackage -Path Microsoft.NET.Native.Framework.x86.1.6.appx Add-AppxPackage -Path Microsoft.NET.Native.Runtime.x64.1.6.appx Add-AppxPackage -Path Microsoft.WindowsStore_8wekyb3d8bbwe.appxbundle Powershell.exe -ExecutionPolicy ByPass -Command "Add-AppxPackage -Path Microsoft.NET.Native.Framework.x86.1.6.appx" && Powershell.exe -ExecutionPolicy ByPass -Command "Add-AppxPackage -Path Microsoft.NET.Native.Runtime.x64.1.6.appx" Powershell.exe -ExecutionPolicy ByPass -Command "Add-AppxPackage -Path Microsoft.NET.Native.Framework.x86.1.6.appx" Powershell.exe -ExecutionPolicy ByPass -Command "Add-AppxPackage -Path Microsoft.NET.Native.Runtime.x64.1.6.appx" Powershell.exe -ExecutionPolicy ByPass -Command "Add-AppxPackage -Path Microsoft.WindowsStore_8wekyb3d8bbwe.appxbundle"
GPO Logging in computer	If the problem cannot be identified from the event viewer / gpresult, then we can enable gpsvc logging. On the client where t he GPO Problem occurs follow these steps to enable Group Policy Service debug logging. 1. Click Start, click Run, type regedit, and then click OK. 2. Locate and then click the following registry subkey: HKEY_LOCAL_MACHINE \Software\Microsoft\Windows NT\CurrentVersion 3. On the Edit menu, point to New, and then click Key. 4. Type Diagnostics, and then press ENTER. 5. Right-click the Diagnostics subkey, point to New, and then click DWORD (32 -bit) Value.6. Type GPSvcDebugLevel, and then press ENTER. . Right-click GPSvcDebugLevel, and then click Modify. 8. In the Value data box, type 30002 (Hexadecimal), and then click OK 9. Exit Registry Editor. 10. View the Gpsvc.log file in the following folder: %windir% \debug \usermode

	Note – If the usermode folder does not exist, create it under %windir%\debug. If the usermode folder does not exist under %WINDIR%\debug\ the gpsvc.log file will not be created. Now, you can either do a "gpupdate /force" to trigger GPO processing or do a restart of the machine in order to get a clean boot application of group policy (Foreground vs Background GPO Processing). After that, the log itself should be found under: C:\Windows\Debug\Usermode\gpsvc.log An important note for Windows 7/ Windows Server 2008 R2 or older operating systems to consider: On multiprocessor machines, we might have concurrent threads writing to log at the same time. In heavy logging scenarios, one of the writes attempts may fail and we may possibly lose debug log information. Concurrent processing is very common with group policy troubleshooting since you usually run "gpupdate /force" without specifying user or machine processing separately. To reduce the chance of lost logging while troubleshooting, initiate machine and user policy processing separately: Gpupdate /force /target:computer Gpupdate /force /target:user
Microsoft Office 365 Pro plus version history	The semi-annual feature update releases of Office 365 ProPlus are supported for 18 months, starting from the initial release. https://docs.microsoft.com/en-us/officeupdates/update-history-office365-proplus-by-date https://docs.microsoft.com/en-us/DeployOffice/overview-of-update-channels-for-office-365-proplus
Weather Bar in Outlook	https://docs.microsoft.com/en-us/office/client-developer/outlook/weather/extending-the-weather-bar-in-outlook https://docs.microsoft.com/en-us/previous-versions/office/office-2013-resource-kit/ff631135(v=office.15) https://support.microsoft.com/en-us/help/2975407/weather-bar-and-weather-settings-missing-in-outlook
MDT ZTI GATHER	cscript ZTIGather.wsf /Debug:True /inifile:..\Control\CustomSettings.ini Ordering of the sections is important
RoboCopy	
	Robocopy sourcefolder destinationfolder filename robocopy C:\Lokesh\Downloads\P720 \\demrhscmp003\SOE\HardwareDrivers\DriversSouces\Lenovo\ P720 ts_p720p920_w1064_20180612.exe Robocopy C:\Lokesh\TPUSA_X64 \\Uslsascmp001.onetakeda.com\soe\Legacy_OfflineMedia LiteTouchMedia_x64.iso
MDT UDI Wizard	https://blogs.technet.microsoft.com/jchalfant/using-mdt-udi-as-osd-frontend-in-microsoft-sccm/ .\Tools\x64\OSDSetupWizard.exe /xml:E:\SOE\DeploymentShare\Scripts\Takeda_01.xml .\Tools\x64\OSDSetupWizard.exe /xml:E:\SOE\Lokesh\UDI //Set DeployRoot cscript.exe E:\SOE\DeploymentShare\Scripts\ZTISetVariable.wsf /VariableName:DEPLOYROOT /VariableValue:E:\SOE\DeploymentShare cscript.exe E:\SOE\DeploymentShare\Scripts\ZTIGather.wsf /debug:true Cscript.exe E:\SOE\DeploymentShare\Scripts\UDIWizard.wsf /definition:E:\SOE\DeploymentShare\Scripts\Takeda_01.xml /debug:true
MDT UDI Wizard	E:\SOE\DeploymentShare\Tools\x86 ServiceUI.exe -process:explorer.exe E:\SOE\DeploymentShare\Tools\x86\OSDSetupWizard.exe /xml:"E:\SOE\DeploymentShare\Scripts\Takeda_01.xml" /stage:NEWCOMPUTER CD E:\SOE\DeploymentShare\Tools\x64 ServiceUI.exe -process:explorer.exe E:\SOE\DeploymentShare\Tools\x64\OSDSetupWizard.exe /xml:"E:\SOE\Lokesh\UDI\Takeda_01.xml" /stage:NEWCOMPUTER C:\Winodws\Temp\OSDSetupWizard.log
	http://www.zeda.nl/index.php/en/load-user-registry-hive-in-regedit https://devblogs.microsoft.com/oldnewthing/20070302-00/?p=27783
	Del C:\MININT /S /Q cscript.exe E:\SOE\DeploymentShare\Scripts\ZTISetVariable.wsf /VariableName:TAKCOUNTRY /VariableValue:Australia cscript.exe E:\SOE\DeploymentShare\Scripts\ZTISetVariable.wsf /VariableName:UILanguage /VariableValue:en-US cscript.exe E:\SOE\DeploymentShare\Scripts\ZTISetVariable.wsf /VariableName:TAKBUILDTYPE /VariableValue:ReGULAr cscript ZTIGather.wsf /inifile:"C:\Users\lm6403adm\Desktop\CustomSettings-ADS\CustomSettings.ini" /debug:true
XCOPY Logic	xcopy C:\Windows\CCM\Logs*.* "C:\Users\rpq9374\OneDrive - Takeda\Desktop\CopyLogs\Test" /S /E /I /H
Unmount a wim file	dism.exe /Get-MountedWimInfo DISM.exe /Unmount-Wim /MountDir:C:\Lokesh\ImageMounting /discard
Install PXE/WDS	boot images were already distributed uncheck PXE, DO NOT uninstall WDS Uninstall wds from server manager, reboot remove d:\RemoteInstall and C:\windows\system32\reminst, if exists - reboot install wds through server manager, reboot wds fails to start wdsutil /initialize-server /reminst:D:\RemoteInstall enable PXE
Logging	has been skipped because the condition is evaluated to be false
Check file version using WMI	select * from cim_datafile where Name = "C:\Program Files (x86)\\Microsoft Office\\root\\Office16\\WINWORD.EXE" and Version like "16.0.11328.%" select * from cim_datafile where (Name = "C:\\Program Files (x86)\\Microsoft Office\\root\\Office16\\WINWORD.EXE" or Name = "C:\\Program Files\\Microsoft Office\\root\\Office16\\WINWORD.EXE") and NOT Version like "16.0.11328.%" select * from cim_datafile where (Name = "C:\\Program Files (x86)\\Microsoft Office\\root\\Office16\\WINWORD.EXE" or Name = "C:\\Program Files\\Microsoft Office\\root\\Office16\\WINWORD.EXE") and Version like "16.0.11328.%"
	https://win10.guru/usb-install-media-with-larger-than-4gb-wim-file/ Dism /Split-Image /ImageFile:C:\sources\install.wim /SWMFile:C:\sources\install.swm /FileSize:4700
Get Product Key from BIOS Product Key is Stored in BIOS	wmic path softwarelicensingservice get OA3xOriginalProductKey