*TO BE ADDED….*

CAN BE DEPLOYED FROM LANDESK TO IMPORT BITLOCKER RECOVERY INFO INTO LANDESK DATABASE

**------------**LANDESK **---** IMPORT INTO LANDESK DATABASE FROM CLIENT**--------------**

@ECHO OFF

TITLE Bitlocker Import for LANDesk

COLOR **0b**

CLS

ECHO Checking Bitlocker compliance...

ECHO.

SET MyVar**=**

REM USED FOR SETTING PATH FOR TESTING AND LANDESK

SETLOCAL ENABLEDELAYEDEXPANSION

REM RETURNS KEY

REM PRIMARY EXTRACTION METHOD AND CREATES THE LDCUSTOM2.DAT FILE FOR LANDESK

FOR **/**F "skip=4 tokens=2 delims=:" **%%**g IN **(**'"\\%computername%\c$\windows\system32\manage-bde.exe -protectors -get c:"')

DO SET MyVar=%%g

FOR **/**F "skip=5 tokens=1 delims=Password " **%%**h IN **(**'"\\%computername%\c$\windows\system32\manage-bde.exe -protectors -get c:"')

DO SET MyPass=%%h

**\\%**computername%**\**c$**\**windows**\**system32**\**ping.exe **-**n **8** **127.0.0.1>**nul

REM IF VARIABLE CONTAINS DATA, ADD THAT DATA TO THE LDCUSTOM2.DAT – WHICH WILL BE IMPORTED DURING THE NEXT LD INVENTORY SCAN
IF **%**MyVar% neq "" **(**

ECHO success

ECHO Custom Data **-** Bitlocker **-** Recovery **-** ID **=** **%**MyVar%**>**"C:\Program Files (x86)\LANDesk\LDClient\LDCUSTOM2.DAT"

ECHO Custom Data **-** Bitlocker **-** Recovery **-** Password **=** **%**MyPass%**>>**"C:\Program Files (x86)\LANDesk\LDClient\LDCUSTOM2.DAT"

ECHO Custom Data **-** Bitlocker **-** Recovery **-** Date **=** **%**DATE%**>>**"C:\Program Files (x86)\LANDesk\LDClient\LDCUSTOM2.DAT"

ECHO Custom Data **-** Bitlocker **-** Recovery **-** Time **=** **%**TIME%**>>**"C:\Program Files (x86)\LANDesk\LDClient\LDCUSTOM2.DAT"

**)** **||** **(**

ECHO failed

ECHO Custom Data **-** Bitlocker **-** Recovery **-** ID **=** NONE**>**"C:\Program Files (x86)\LANDesk\LDClient\LDCUSTOM2.DAT"

ECHO Custom Data **-** Bitlocker **-** Recovery **-** Password **=** NONE**>>**"C:\Program Files (x86)\LANDesk\LDClient\LDCUSTOM2.DAT"

ECHO Custom Data **-** Bitlocker **-** Recovery **-** Date **=** **%**DATE%**>>**"C:\Program Files (x86)\LANDesk\LDClient\LDCUSTOM2.DAT"

ECHO Custom Data **-** Bitlocker **-** Recovery **-** Time **=** **%**TIME%**>>**"C:\Program Files (x86)\LANDesk\LDClient\LDCUSTOM2.DAT"

**)**

REM MODIFIES THE LDSCNHLP.INI FILE TO NOT LAUNCH LDCUSTOM.CMD

CLS

ECHO Checking Bitlocker compliance...done

ECHO.

ECHO Creating custom LANDesk scan...

ECHO.

REM CREATE UPDATED LDSCAN FILE

ECHO [Execute WIN16]**>**"C:\Progra~2\LANDesk\LDClient\LDSCNHLP.INI"

ECHO.**>>**"C:\Progra~2\LANDesk\LDClient\LDSCNHLP.INI"

ECHO [Execute WIN32]**>>**"C:\Progra~2\LANDesk\LDClient\LDSCNHLP.INI"

ECHO.**>>**"C:\Progra~2\LANDesk\LDClient\LDSCNHLP.INI"

ECHO [DATA FILES]**>>**"C:\Progra~2\LANDesk\LDClient\LDSCNHLP.INI"

ECHO DATANOPREPEND1**=**c**:\**progra**~2\**LANDesk**\**LDClient**\**LDCustom2.DAT**>>**"C:\Progra~2\LANDesk\LDClient\LDSCNHLP.INI"

ECHO DATA1**=**c**:\**progra**~2\**LANDesk**\**LDClient**\**LDCustom.DAT**>>**"C:\Progra~2\LANDesk\LDClient\LDSCNHLP.INI"

**\\%**computername%**\**c$**\**windows**\**system32**\**ping.exe **-**n **8** **127.0.0.1>**nul

REM FORCE A LANDESK INVENTORY SCAN – IMPORTS BITLOCKER INFO INTO LD DATABASE

CLS

ECHO Checking Bitlocker compliance...done

ECHO.

ECHO Creating custom LANDesk Inventory scan...done

ECHO.

ECHO Running LANDesk Inventory Scan...

ECHO.

"C:\Program Files (x86)\LANDesk\LDClient\LDISCN32.EXE" **/**NTT**=**YourLANDeskServer.YourDomain.com**:5007** **/**S**=**YourLANDeskServer.YourDomain.com **/**I**=**HTTP**://**YourLANDeskServer.YuurDomain.com**/**ldlogon**/**ldappl3.ldz **/**F **/**SYNC

*TO BE ADDED….*

MANUALLY RAN BY TECHNICIANS TO IMPORT BITLOCKER RECOVERY INFO INTO AD

**----------------** TECH TOOL **---** AUTOMATED AD BITLOCKER IMPORT**-----------------**

@ECHO off

title Import Bitlocker Recovery Information

CLS

ECHO Checking Bitlocker compliance...

REM CLEAR VARIABLE

SET MyVar**=**

REM PRIMARY EXTRACTION METHOD

FOR **/**F "skip=4 tokens=2 delims=:" **%%**g in **(**'"\\%computername%\C$\Windows\system32\manage-bde.exe -protectors -get c:"') DO SET MyVar=%%g

ping.exe **-**n **10** **127.0.0.1>**nul

CLS

ECHO Checking Bitlocker compliance...done

ECHO.

ECHO Importing Recovery information into AD...

ECHO.

REM IMPORT BITLOCKER INFO INTO AD

**\\%**computername%**\**C$**\**Windows**\**system32**\**manage**-**bde.exe **-**protectors **-**adbackup c**:** **-**id%MyVar% **&&** **(**

ping.exe **-**n **10** **127.0.0.1>**nul

CLS

ECHO Checking Bitlocker compliance...done

ECHO.

ECHO Importing Recovery Information into AD...done

ECHO.

CLS

ECHO Checking Bitlocker compliance...done

ECHO.

ECHO Importing Recovery information into AD...done

ECHO.

ECHO Import completed successfully.

ECHO.

PAUSE

**)** **||** **(**

CLS

ECHO Failed. Try again**,** and Run as Administrator.

PAUSE

**)**

REM CLEAR VARIABLE

SET MyVar**=**

EXIT **/**b **0**

*TO BE ADDED….*

PERFORMS A LANDESK BITLOCKER AD COMPLIANCE

**-----------------** LANDESK **---** AUTOMATED AD BITLOCKER IMPORT**-----------------**

@ECHO ON

TITLE Bitlocker Compliance Checker

COLOR **0a**

SET MyVar**=**

SETlocal ENABLEDELAYEDEXPANSION

REM SET PERCENTAGE

SET findthis**=100%**

REM OUTPUT BITLOCKER STATUS TO TEXT FILE

**\\%**computername%**\**c$**\**windows**\**system32**\**manage**-**bde.exe **-**status**>**bitlocker.txt

REM FIND PERCENTAGE IN FILE

FINDSTR **%**findthis% bitlocker.txt **&&** **(**

CLS

FOR **/**F "skip=4 tokens=2 delims=:" **%%**g in **(**'"\\%computername%\c$\windows\system32\manage-bde.exe -protectors -get c:"') DO SET MyVar=%%g

REM IF FOUND, THEN WRITE PASSED COMPLIANCE DATA TO REGISTRY AND SEND BACK TO LANDESK

REM WRITE TO REGISTRY

**%**windir%**\**system32**\**REG.exe ADD "HKEY\_LOCAL\_MACHINE\SOFTWARE\Bitlocker" **/**v Compliance **/**d "PASSED" **/**t REG\_SZ **/**f

**%**windir%**\**system32**\**REG.exe ADD "HKEY\_LOCAL\_MACHINE\SOFTWARE\Bitlocker" **/**v Timestamp **/**d "%date% %time%" **/**t REG\_SZ **/**f

**%**windir%**\**system32**\**REG.exe ADD "HKEY\_LOCAL\_MACHINE\SOFTWARE\Bitlocker" **/**v Recovery **/**d "!MyVar!" **/**t REG\_SZ **/**f

REM CREATE EVENT LOG

**%**windir%**\**system32**\**EVENTCREATE.exe **/**T INFORMATION **/**ID **999** **/**d "Bitlocker PASSED"

REM SEND BACK TO LANDESK

"C:\Program Files (x86)\LANDesk\LDClient\SDCLIENT.EXE" **/**msg**=**"PASSED"

GOTO **:**END

**)** **||** **(**

CLS

REM IF NOT FOUND, THEN WRITE FAILED COMPLIANCE DATA TO REGISTRY AND SEND BACK TO LANDESK

REM WRITE TO REGISTRY

**%**windir%**\**system32**\**REG.exe ADD "HKEY\_LOCAL\_MACHINE\SOFTWARE\Bitlocker" **/**v Compliance **/**d "FAILED" **/**t REG\_SZ **/**f

**%**windir%**\**system32**\**REG.exe ADD "HKEY\_LOCAL\_MACHINE\SOFTWARE\Bitlocker" **/**v Timestamp **/**d "%date% %time%" **/**t REG\_SZ **/**f

REM CREATE EVENT LOG

**%**windir%**\**system32**\**EVENTCREATE.exe **/**T INFORMATION **/**ID **999** **/**d "Bitlocker FAILED"

REM SEND BACK TO LANDESK

"C:\Program Files (x86)\LANDesk\LDClient\SDCLIENT.EXE" **/**msg**=**"FAILED"

GOTO **:**END

**)**

**:**END

REM CLEAR VARIABLES AND EXIT

SET findthis**=**

SET MyVar**=**

EXIT **/**b **0**

*TO BE ADDED….*

THIS VBSCRIPT IS USED TO SEND BITLOCKER RECOVERY INFORMATION USING AN EMAIL

THE SCRIPT IS MEANT TO RUN AS PART OF THE IMAGING PROCESS OR USED IN TROUBLESHOOTING

**------------------**email**--------------------**

'NOTE, THIS FILE IS COMPILED

ON ERROR RESUME NEXT

'INFORMATION COLLECTION

strComputerName **=** CreateObject**(**"WScript.Shell"**).**ExpandEnvironmentStrings**(**"%computername%"**)**

strUsername **=** CreateObject**(**"WScript.Shell"**).**ExpandEnvironmentStrings**(**"%username%"**)**

SET objWMIService **=** GetObject**(**"winmgmts:\\" **&** strComputerName **&** "\root\CIMV2"**)**

SET colItems **=** objWMIService.ExecQuery**(** "SELECT \* FROM Win32\_ComputerSystemProduct"**,,48)**

FOR EACH objItem IN colItems

 SerialValue **=** objItem.IdentifyingNumber

 NEXT

SET objFileToRead **=** CreateObject**(**"Scripting.FileSystemObject"**).**OpenTextFile**(**"bit1.dat"**,1)**

DIM strBitlocker1

DO WHILE NOT objFileToRead.AtEndOfStream

 strBitlocker1 **=** objFileToRead.ReadLine**()**

'Do something with the line

LOOP

objFileToRead.Close

'SET EMAIL CONTENT HERE

GMail\_Subject **=** strComputerName **&** " " **&** strUsername'THIS COULD BE THE ACTUAL USERNAME or COMPUTERNAME

Gmail\_Body **=** "Script created by Eddie Jackson" **&** vbCRLF **&** vbCRLF **&**\_

"Tool Version: 3.0" **&** vbCRLF **&** "Timestamp: " **&** NOW **&** vbCRLF **&** "Computer: " **&** strComputerName **&** vbCRLF **&** "Username: " **&** strUsername **&** vbCRLF **&** "Serial Number: " **&** SerialValue **&** vbCRLF **&** vbCRLF **&** "Bitlocker Password: " **&** vbCRLF **&** "C: " **&** strBitlocker1

'MAIL OBJECTS

CONST cdoSendUsingPickup **=** **1**

CONST cdoSendUsingPort **=** **2**

CONST cdoAnonymous **=** **0**

CONST cdoBasic **=** **1**

CONST cdoNTLM **=** **2**

'EMAIL ACCOUNT INFORMATION - ONLY NEEDS EMAIL SERVICE ACCOUNT INFO

strFrom **=** strComputerName

CONST strFromName **=** "Bitlocker Recovery Information"

CONST strTo **=** "MyEmailAddress1@domain.com,MyEmailAddress2@domain.com"

CONST Gmail\_SMTPServer **=** "smtp.DOMAIN.com"

CONST GMail\_SMTPLogon **=** "MyAccount@Domain.com"

CONST Gmail\_SMTPPassword **=** "MyPassword"

CONST SMTPSSL **=** True

CONST SMTPPort **=** **465**

'EXECUTES OBJECTS

SET objMessage **=** CreateObject**(**"CDO.Message"**)**

objMessage.Subject **=** GMail\_Subject

objMessage.From **=** """" **&** strFromName **&** """ <" **&** strFrom **&** ">"

objMessage.To **=** strTo

objMessage.TextBody **=** Gmail\_Body

objMessage.Configuration.Fields.Item **(**"http://schemas.microsoft.com/cdo/configuration/sendusing"**)** **=** **2**

objMessage.Configuration.Fields.Item **(**"http://schemas.microsoft.com/cdo/configuration/smtpserver"**)** **=** Gmail\_SMTPServer

objMessage.Configuration.Fields.Item **(**"http://schemas.microsoft.com/cdo/configuration/smtpauthenticate"**)** **=** cdoBasic

objMessage.Configuration.Fields.Item **(**"http://schemas.microsoft.com/cdo/configuration/sendusername"**)** **=** GMail\_SMTPLogon

objMessage.Configuration.Fields.Item **(**"http://schemas.microsoft.com/cdo/configuration/sendpassword"**)** **=** Gmail\_SMTPPassword

objMessage.Configuration.Fields.Item **(**"http://schemas.microsoft.com/cdo/configuration/smtpserverport"**)** **=** SMTPPort

objMessage.Configuration.Fields.Item **(**"http://schemas.microsoft.com/cdo/configuration/smtpusessl"**)** **=** SMTPSSL

objMessage.Configuration.Fields.Item **(**"http://schemas.microsoft.com/cdo/configuration/smtpconnectiontimeout"**)** **=** **30**

objMessage.Configuration.Fields.Update

'THIS SENDS THE MESSAGE

objMessage.Send

SET objShell **=** CreateObject**(**"Wscript.Shell"**)**

SET objEnv **=** objShell.Environment**(**"Process"**)**

objShell.Run "%comspec% /c del /q bit1.dat"**,0,**true

Wscript.quit**(0)**