

Mode: All Lines

Left file: C:\SC07\User_Provision.hta Right file: C:\SC07\User_Provision.vbs

1	<html>	+-		
2	<head>			
3	<title>Provision a user</title>			
4	<HTA:APPLICATION			
5	ID="oHTA"/>			
6		=		
7	<style>	+-		
8	body, tr, td, table, p, input {f			
9	» ont-family: arial; font-size: 9pt;}			
10	.trodd {background-color: #cccc			
11	» c;}			
12	.treven {background-color: #ffff			
13	» ff;}			
14	.tdlabel {width: 30%}			
15	.tdvalue {width: 70%}			
16	.StatusInfo {font-color: black;			
17	» font-size: 80%; margin: 3 3 3 3;}			
18	.StatusError {font-color: black;			
19	» font-size: 80%; background-color: #FF			
20	» 9999; margin: 3 3 3 3;}			
21	.Instructions {font-color: black			
22	» ; font-size: 80%; background-color: #E			
23	» EEEEE;}			
24	</style>			
25		=	1	
26	<script language="vbscript">	+-		
27	Option Explicit	=	2	Option Explicit
28		+-	3	Dim bInteractive
29	Dim sDomainDNS, sDomainNetBIOS, sDomainD	=	4	Dim sDomainDNS, sDomainNetBIOS, sDomainD
30	» N		5	» N
31	Dim iPasswordLength, sUPNSuffix		6	Dim iPasswordLength, sUPNSuffix
32	Dim sSAM, sUPN, sCN, sDisplay, sUser		7	Dim sSAM, sUPN, sCN, sDisplay, sUser
33	Dim sFirst, sInit, sMiddle, sLast		8	Dim sFirst, sInit, sMiddle, sLast
34	Dim sDescription, sTargetOU		9	Dim sDescription, sTargetOU
35	Dim sProfileNamespace, sProfilePath		10	Dim sProfileNamespace, sProfilePath
36			11	
37	' =====		12	' =====
38	» =====		13	» =====
39	' CONFIGURATION BLOCK		14	' CONFIGURATION BLOCK
40		+-	15	bInteractive = True ' TRUE:
41			16	» Script can be run from command prompt
42			17	» .
43			18	» ' FALSE: Limits the output of
44			19	» the script (for running unattended).
45		=	20	
46	sDomainDNS = "contoso.com"		21	sDomainDNS = "contoso.com"
47	sDomainDN = "dc=contoso,dc=com"		22	sDomainDN = "dc=contoso,dc=com"
48	sDomainNetBIOS = "CONTOSO"		23	sDomainNetBIOS = "CONTOSO"
49	sUPNSuffix = "contoso.com"		24	sUPNSuffix = "contoso.com"
50	sProfileNamespace = "\\contoso.com\users		25	sProfileNamespace = "\\contoso.com\users
51	» \%username%\profile"		26	» \%username%\profile"
52	iPasswordLength = 15		27	iPasswordLength = 15
53	' =====		28	' =====
54	» =====		29	» =====
55		+-	30	Call MainRoutine() ' Code is containe
56			31	» ned in a subroutine to make it easier

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				» to port to an HTA
			24	WScript.Quit
37	Sub MainRoutine()	=	25	
38	Dim oUser, oTargetOU		26	Sub MainRoutine()
			27	Dim oUser, oTargetOU
39	' clear out any existing text in	+-		
40	» the status area			
41	divStatus.innerText = ""			
42	Call Arguments()	=	28	
		<>	29	Call Arguments()
				» ' Take what was passed
				» to the script
43	Call BusinessLogic()		30	Call BusinessLogic()
				» ' Apply business logic
44	If Not Validate() Then Exit Sub		31	If Not Validate() Then Exit Sub
				» ' See if the results are valid, and if
				» not, quit
45		=	32	
46	' Connect to OU		33	' Connect to OU
47	Set oTargetOU = GetObject("LDAP:		34	Set oTargetOU = GetObject("LDAP:
48	» //" & sTargetOU)		35	» //" & sTargetOU)
49	' Create user and properties		36	' Create user and properties
50	Set oUser = oTargetOU.Create("us		37	Set oUser = oTargetOU.Create("us
51	» er","cn=" & sCN)		38	» er","cn=" & sCN)
52	WriteProperty oUser,"userPrincip		39	WriteProperty oUser,"userPrincip
53	» alName", sUPN		40	» alName", sUPN
54	WriteProperty oUser,"sAMAccountN		41	WriteProperty oUser,"sAMAccountN
55	» ame", sSAM		42	» ame", sSAM
56	WriteProperty oUser,"givenName",		43	WriteProperty oUser,"givenName",
57	» sFirst		44	» sFirst
58	WriteProperty oUser,"initials",		45	WriteProperty oUser,"initials",
59	» sInit		46	» sInit
60	WriteProperty oUser,"middleName"		47	WriteProperty oUser,"middleName"
61	» , sMiddle		48	» , sMiddle
62	WriteProperty oUser,"sn", sLast		49	WriteProperty oUser,"sn", sLast
63	WriteProperty oUser,"description		50	WriteProperty oUser,"description
64	» ", sDescription		51	» ", sDescription
65	WriteProperty oUser,"displayName		52	WriteProperty oUser,"displayName
66	» ", sDisplay		53	» ", sDisplay
67	WriteProperty oUser,"profilePath		54	WriteProperty oUser,"profilePath
68	» ", sProfilePath		55	» ", sProfilePath
69	oUser.SetInfo		56	oUser.SetInfo
70			57	
71	' Generate random password		58	' Generate random password
72	Dim sTempPassword, iCase, i		59	Dim sTempPassword, iCase, i
	' Start with an upper, a lower,			' Start with an upper, a lower,
	» and a numeric character			» and a numeric character
	' to ensure complexity requireme			' to ensure complexity requireme
	» nts are met			» nts are met
	sTempPassword = RandomLetter(1)			sTempPassword = RandomLetter(1)
	sTempPassword = RandomLetter(2)			sTempPassword = RandomLetter(2)
	sTempPassword = RandomLetter(3)			sTempPassword = RandomLetter(3)
	' Now fill the remaining length			' Now fill the remaining length
	» with random characters			» with random characters
	For i=1 To iPasswordLength - 3			For i=1 To iPasswordLength - 3
	randomize()			randomize()
	iCase = int(3*rnd())			iCase = int(3*rnd())
	sTempPassword = sTempPas			sTempPassword = sTempPas
	» sword & RandomLetter(iCase)			» sword & RandomLetter(iCase)

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73	Next		60	Next
74	oUser.SetPassword sTempPassword		61	oUser.SetPassword sTempPassword
75			62	
76	' Enable account		63	' Enable account
77	oUser.AccountDisabled = False		64	oUser.AccountDisabled = False
78	oUser.SetInfo		65	oUser.SetInfo
79			66	
80	divStatus.innerText = "User " & » SCN & " created."	<>	67	WScript.Echo "User " & SCN & " c » reated."
81	End Sub	=	68	End Sub
82			69	
83	Sub Arguments()		70	Sub Arguments()
		-+	71	Dim oArgs
84		=	72	
		-+	73	' Check for "HELP"
			74	If (WScript.Arguments.Count = 0)
			» Or _	
			75	(WScript.Arguments.Named
			» .Exists("?")) Then Call Usage()	
		=	76	
		<>	77	Set oArgs = WScript.Arguments.Na
			» med	
85	sFirst = txtFirstName.value		78	sFirst = oArgs("firstname")
86	sInit = txtInitial.value		79	sInit = oArgs("initial")
87	sMiddle = txtMiddleName.value		80	sMiddle = oArgs("middlename")
88	sLast = txtLastName.value		81	sLast = oArgs("lastname")
89	sSAM = txtSAMAccountName.value		82	sSAM = oArgs("samaccountname")
90	sDescription = txtDescription.va		83	sDescription = oArgs("descriptio
» lue			» n")	
91	sTargetOU = cboTargetOU.value		84	sTargetOU = oArgs("ou")
92		=	85	
93	End Sub		86	End Sub
94			87	
95	Sub BusinessLogic()		88	Sub BusinessLogic()
96	Call CalculateNames()		89	Call CalculateNames()
97	sProfilePath = Replace(sProfileN		90	sProfilePath = Replace(sProfileN
» amespace, "%username%", sSAM)			» amespace, "%username%", sSAM)	
98	End Sub		91	End Sub
99			92	
100	Sub CalculateNames()		93	Sub CalculateNames()
101	Dim sName, sNamePart		94	Dim sName, sNamePart
102			95	
103	' COMMON NAME		96	' COMMON NAME
104	sName = ""		97	sName = ""
105	sNamePart = txtFirstName.value	<>	98	sNamePart = sFirst
106	If sNamePart > "" Then sName = s	=	99	If sNamePart > "" Then sName = s
» Name & sNamePart & " "			» Name & sNamePart & " "	
107	sNamePart = txtMiddleName.value	<>	100	sNamePart = sMiddle
108	If sNamePart > "" Then sName = s	=	101	If sNamePart > "" Then sName = s
» Name & sNamePart & " "			» Name & sNamePart & " "	
109	sNamePart = txtLastName.value	<>	102	sNamePart = sLast
110	If sNamePart > "" Then sName = s	=	103	If sNamePart > "" Then sName = s
» Name & sNamePart & " "			» Name & sNamePart & " "	
111	' Trim off the last space		104	' Trim off the last space
112	sName = Trim(sName)		105	sName = Trim(sName)
113	txtCommonName.value = sName	+-		
114	SCN = sName	=	106	SCN = sName
115			107	
116	' DISPLAY NAME		108	' DISPLAY NAME

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117	sName = ""		109	sName = ""
118	sNamePart = txtLastName.value	<>	110	sNamePart = sLast
119	If sNamePart > "" Then sName = s » Name & sNamePart	=	111	If sNamePart > "" Then sName = s » Name & sNamePart
120	If txtFirstName.Value > "" Or tx » tMiddleName.Value > "" Then	<>	112	If sFirst > "" Or sMiddle > "" T » hen
121	sName = sName & ", "	=	113	sName = sName & ", "
122	End If		114	End If
123	sNamePart = txtFirstName.value	<>	115	sNamePart = sFirst
124	If sNamePart > "" Then sName = s » Name & sNamePart & " "	=	116	If sNamePart > "" Then sName = s » Name & sNamePart & " "
125	sNamePart = txtMiddleName.value	<>	117	sNamePart = sMiddle
126	If sNamePart > "" Then sName = s » Name & sNamePart & " "	=	118	If sNamePart > "" Then sName = s » Name & sNamePart & " "
127	' Trim off the last space		119	' Trim off the last space
128	sName = Trim(sName)		120	sName = Trim(sName)
129	txtDisplayName.value = sName	+-		
130	sDisplay = sName	=	121	sDisplay = sName
131			122	
132	' USER PRINCIPAL NAME (email: fi » rst.middle.last)		123	' USER PRINCIPAL NAME (email: fi » rst.middle.last)
133	sName = ""		124	sName = ""
134	sNamePart = sFirst		125	sNamePart = sFirst
135	If sNamePart > "" Then sName = s » Name & sNamePart & " "		126	If sNamePart > "" Then sName = s » Name & sNamePart & " "
136	sNamePart = sMiddle		127	sNamePart = sMiddle
137	If sNamePart > "" Then sName = s » Name & sNamePart & " "		128	If sNamePart > "" Then sName = s » Name & sNamePart & " "
138	sNamePart = sLast		129	sNamePart = sLast
139	If sNamePart > "" Then sName = s » Name & sNamePart & " "		130	If sNamePart > "" Then sName = s » Name & sNamePart & " "
140	' Trim off the last space		131	' Trim off the last space
141	sName = Trim(sName)		132	sName = Trim(sName)
142	' Replace spaces with periods		133	' Replace spaces with periods
143	sName = Replace(sName, " ", ".")		134	sName = Replace(sName, " ", ".")
144	' Add UPN suffix		135	' Add UPN suffix
145	sName = sName & "@" & sUPNSuffix		136	sName = sName & "@" & sUPNSuffix
146	txtUPN.value = sName	+-		
147	sUPN = sName	=	137	sUPN = sName
148	End Sub		138	
149			139	End Sub
150	Function Validate()		140	
151	If (sUPN="") Or (sSAM="") Or (sC » N="") Or (sDisplay="") Or (sTargetOU="		141	Function Validate()
	» ") Then		142	If (sUPN="") Or (sSAM="") Or (sC » N="") Or (sDisplay="") Or (sTargetOU="
152	divStatus.innerText = "R » equired arguments are missing."	<>	143	WScript.Echo "Required a » rgument(s) missing."
153	Validate = False	=	144	Validate = False
154	Else		145	Else
155	Validate = True		146	Validate = True
156	End If		147	End If
157	End Function		148	End Function
		+-	149	
			150	Sub Usage()
			151	If bInteractive Then
			152	WScript.Echo
			153	WScript.Echo "USER_CREAT
				» E.VBS"

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			154	WScript.Echo "Creates a
			»	user object"
			155	WScript.Echo "Usage: csc
			»	ript.exe " & WScript.ScriptName & VbC
			»	rLf & _
			156	
			»	" /firstname:John
			»	[/initial:Q] [/middlename:Franklin]" &
			»	VbCrLf & _
			157	
			»	" /lastname:Doe" &
			»	VbCrLf & _
			158	
			»	" /samaccountname:
			»	"jdoe"" & VbCrLf & _
			159	
			»	" /ou:"ou=Employe
			»	es,ou=People,dc=contoso,dc=com"" & Vb
			»	CrLf & _
			160	
			»	" [/description:""
			»	Accountant in Sydney""]" & VbCrLf
			161	End If
			162	WScript.Quit(500)
			163	End Sub
158		=	164	
159	Sub WriteProperty(oDirectoryEntry, sProp		165	Sub WriteProperty(oDirectoryEntry, sProp
»	ertyName, sPropertyValue)		»	ertyName, sPropertyValue)
160	If sPropertyValue>" then		166	If sPropertyValue>" then
161	oDirectoryEntry.Put sPropertyName		167	oDirectoryEntry.Put sPropertyName
»	,sPropertyValue		»	,sPropertyValue
162	End If		168	End If
163	End Sub		169	End Sub
164			170	
165	Function RandomLetter(iCase)		171	Function RandomLetter(iCase)
166	' Returns a random letter or number		172	' Returns a random letter or number
167	' icode = 0 (UPPER), 1 (lower) or 2 (n		173	' icode = 0 (UPPER), 1 (lower) or 2 (n
»	umeric)		»	umeric)
168	Dim iMax, iMin		174	Dim iMax, iMin
169	randomize()		175	randomize()
170	Select Case iCase		176	Select Case iCase
171	Case 0		177	Case 0
172	iMin=65		178	iMin=65
173	iMax=26		179	iMax=26
174	Case 1		180	Case 1
175	iMin=97		181	iMin=97
176	iMax=26		182	iMax=26
177	Case 2		183	Case 2
178	iMin=48		184	iMin=48
179	iMax=10		185	iMax=10
180	End Select		186	End Select
181	RandomLetter=chr(int(iMax*rnd() + iM		187	RandomLetter=chr(int(iMax*rnd() + iM
»	in))		»	in))
182	End Function		188	End Function
183			189	
184				
185				
186	' =====	+-		
»	=====			

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187	' HTA Functions			
188		=		
189	Sub Window_Onload	+-		
190		=		
191	Call CenterMe(500,460)	+-		
192		=		
193	' Disable the fields that will b	+-		
	» e driven with business logic			
194	txtDisplayName.disabled = True			
195	txtCommonName.disabled = True			
196	txtUPN.disabled = True			
197		=		
198	End Sub	+-		
199		=		
200	Sub txtFirstName_OnChange()	+-		
201	Call CalculateNames()			
202	End Sub			
203		=		
204	Sub txtLastName_OnChange()	+-		
205	Call CalculateNames()			
206	End Sub			
207		=		
208	Sub txtMiddleName_OnChange()	+-		
209	Call CalculateNames()			
210	txtInitial.Value = Left(txtMiddl			
	» eName.value, 1)			
211	End Sub			
212		=		
213	Sub CenterMe(iSizeH, iSizeV)	+-		
214	' VERSION 070709			
215	' Repositions the window			
	» to be centered and sized			
216	' INPUTS: iSizeH:			
	» The desired horizontal size of the win			
	» dow			
217	'			
	» iSizeV: The desired vertical size of t			
	» he window			
218	' NOTE: Windows			
	» Server 2008 does not expose the			
219	'			
	» display resolution, by default, so the			
	» routine			
220	'			
	» will only size the window in the event			
	» that the			
221	'			
	» resolution is not available			
222		=		
223	Dim sComputer, oWMIServi	+-		
	» ce, cItems, oItem			
224	Dim iResolutionH, iResol			
	» utionV, iPositionH, iPositionV			
225		=		
226	' Get this computer's di	+-		
	» splay resolution			
227	sComputer = "."			
228	Set oWMIService = GetObject("win			
	» mgmts:\\\" & sComputer & "\root\cimv2")			

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229	Set cItems = oWMIService.ExecQue » ry("Select * From Win32_DesktopMonitor » ")			
230	For Each oItem in cItems			
231	iResolutionH = oItem.ScreenW » idth			
232	iResolutionV = oItem.ScreenH » eight			
233	' Windows Server 2008 do » es not provide the ScreenHeight & Scre » enWidth by default			
234	' so, below, we have to » provide for this possibility			
235	Next			
236		=		
237	' Calculate the "centered" posi » tion	+-		
238	iPositionH = (iResolutionH - iSi » zeH) / 2			
239	iPositionV = (iResolutionV - iSi » zeV) / 2			
240		=		
241	' Resize and reposition the wind » ow	+-		
242	window.resizeTo iSizeH, iSizeV			
243	If iResolutionH >0 and iResoluti » onH > 0 Then			
244	window.moveTo iPositionH » , iPositionV			
245	End If			
246		=		
247	End Sub	+-		
248		=		
249				
250	</script>	+-		
251		=		
252	</head>	+-		
253		=		
254	<body>	+-		
255		=		
256	<table cellpadding="0" cellspacing="0" » width="100%">	+-		
257	<tr>			
258	<td colspan="2" style="f » ont-size: 14pt;">			
259	<!---->			
260	Provision a user			
261	</td>			
262	</tr>			
263	</table>			
264	<hr/>			
265	<table cellpadding="0" cellspacing="0" » width="100%">			
266	<tr>			
267	<td class="tdlabel">Firs » t name</td>			
268	<td class="tdvalue"><INP			

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```

» UT type="text" name="txtFirstName" id=
» "txtFirstName" size="30" value=""></td
» >
269         </tr>
270     <tr>
271         <td class="tdlabel">Midd
» le name</td>
272         <td class="tdvalue"><INP
» UT type="text" name="txtMiddleName" id
» ="txtMiddleName" size="30" value=""></
» td>
273     </tr>
274     <tr>
275         <td class="tdlabel">Init
» ial</td>
276         <td class="tdvalue"><INP
» UT type="text" name="txtInitial" id="t
» xtInitial" size="30" value=""></td>
277     </tr>
278     <tr>
279         <td class="tdlabel">Last
» name</td>
280         <td class="tdvalue"><INP
» UT type="text" name="txtLastName" id="
» txtLastName" size="30" value=""></td>
281     </tr>
282     <tr>
283         <td class="tdlabel">Pre-
» Windows 2000 logon name</td>
284         <td class="tdvalue"><INP
» UT type="text" name="txtSAMAccountName
» " id="txtSAMAccountName" size="30" val
» ue=""></td>
285     </tr>
286     <tr>
287         <td class="tdlabel">Desc
» ription</td>
288         <td class="tdvalue"><INP
» UT type="text" name="txtDescription" i
» d="txtDescription" size="30" value="">
» </td>
289     </tr>
290     <tr>
291         <td class="tdlabel">Crea
» te user in</td>
292         <td class="tdvalue">
293             <select name="cb
» oTargetOU" />
294                 <option
» value="">User type</option>
295                 <option
» value="ou=Employees,ou=People,dc=conto
» so,dc=com">Employee</option>
296                 <option
» value="ou=Contractors,ou=People,dc=con
» toso,dc=com">Contractor</option>
297             </select>
»
298         </td>

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299         </tr>
300     <tr>
301         <td class="tdlabel">Disp
    » lay name</td>
302         <td class="tdvalue"><INP
    » UT type="text" name="txtDisplayName" i
    » d="txtDisplayName" size="30" value="">
    » </td>
303     </tr>
304     <tr>
305         <td class="tdlabel">Comm
    » on name</td>
306         <td class="tdvalue"><INP
    » UT type="text" name="txtCommonName" id
    » ="txtCommonName" size="30" value=""></
    » td>
307     </tr>
308     <tr>
309         <td class="tdlabel">User
    » principal name</td>
310         <td class="tdvalue"><INP
    » UT type="text" name="txtUPN" id="txtUP
    » N" size="20" value=""></td>
311     </tr>
312 </table>
313 <hr/>
314 <table cellpadding="0" cellspacing="0"
    » width="100%">
315     <tr><td>
316         <INPUT type="button" nam
    » e="btnCommand" value="CREATE USER" sty
    » le="width:100;" onclick="MainRoutine()
    » ">
317     </td></tr>
318 </table>
319 <hr/>
320 <div id="divStatus" name="divStatus" cla
    » ss="StatusInfo">&nbsp;</div>
321 <hr/>
322 <div id="divInstructions" name="divInstr
    » uctions" class="Instructions">
323 </div>
324 </body>
325 </html>

```