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1  ' -----
2  '     From the book Inside Active Directory, ISBN 0-201-61621-1
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8  ' warranty, obligations or liability for the script. If you modify
9  ' the script, you must retain this copyright notice.
10 ' -----
11 Option Explicit
12
13 Const UF_ACCOUNTDISABLE           = &H0002
14 Const UF_PASSWD_NOTREQD          = &H0020
15 Const UF_WORKSTATION_TRUST_ACCOUNT = &H1000 'ws or ms comp
16
17 Const ADS_RIGHT_DS_SELF          = &H8
18 Const ADS_RIGHT_DS_WRITE_PROP    = &H20
19 Const ADS_RIGHT_DS_CONTROL_ACCESS = &H100
20 Const ADS_ACETYPE_ACCESS_ALLOWED_OBJECT = &H5
21 Const ADS_FLAG_OBJECT_TYPE_PRESENT = &H1
22
23 Const GUID_ACCOUNT_RESTRICTIONS  = "{4C164200-20C0-11D0-A768-00AA006E0529}"
24 Const GUID_VALIDATED_SPN         = "{F3A64788-5306-11D1-A9C5-0000F80367C1}"
25 Const GUID_VALIDATED_DNSHOST     = "{72E39547-7B18-11D1-ADEF-00C04FD8D5CD}"
26 Const GUID_RESET_PASSWORD        = "{00299570-246D-11D0-A768-00AA006E0529}"
27
28 Call CreateComputer("PC17", "Red.Baron@sanao.com")
29
30 '=====
31
32 Sub CreateComputer(strComputerName, strWhoCanJoin)
33     Dim objDSE, objComputersContainer, objComputer, objSecDesc
34     Dim objDAcl, objACE1, objACE2, objACE3, objACE4
35
36     Set objDSE = GetObject("LDAP://rootDSE")
37     Set objComputersContainer = GetObject("LDAP://CN=Computers," & _
38         objDSE.Get("defaultNamingContext"))
39
40     Set objComputer = objComputersContainer.Create("computer", _
41         "CN=" & strComputerName)
42     Call objComputer.Put("sAMAccountName", strComputerName & "$")
43     Call objComputer.Put("userAccountControl", _
44         UF_PASSWD_NOTREQD _
45         Or UF_WORKSTATION_TRUST_ACCOUNT _
46         ) 'Or UF_ACCOUNTDISABLE We want to enable, not disable
47
48     objComputer.SetInfo
49
50     Set objACE1 = CreateObject("AccessControlEntry")
51     objACE1.Trustee = strWhoCanJoin
52     objACE1.AccessMask = ADS_RIGHT_DS_WRITE_PROP
53     objACE1.AceFlags = 0 'no inheritance from up or to below
54     objACE1.AceType = ADS_ACETYPE_ACCESS_ALLOWED_OBJECT
55     objACE1.Flags = ADS_FLAG_OBJECT_TYPE_PRESENT
56     objACE1.ObjectType = GUID_ACCOUNT_RESTRICTIONS
57     'objACE1.InheritedObjectType = not used
58
59     Set objACE2 = CreateObject("AccessControlEntry")
60     objACE2.Trustee = strWhoCanJoin
61     objACE2.AccessMask = ADS_RIGHT_DS_SELF
62     objACE2.AceFlags = 0 'no inheritance from up or to below
63     objACE2.AceType = ADS_ACETYPE_ACCESS_ALLOWED_OBJECT
64     objACE2.Flags = ADS_FLAG_OBJECT_TYPE_PRESENT
65     objACE2.ObjectType = GUID_VALIDATED_SPN
66     'objACE2.InheritedObjectType = not used
67
68     Set objACE3 = CreateObject("AccessControlEntry")
69     objACE3.Trustee = strWhoCanJoin
70     objACE3.AccessMask = ADS_RIGHT_DS_SELF
71     objACE3.AceFlags = 0 'no inheritance from up or to below
72     objACE3.AceType = ADS_ACETYPE_ACCESS_ALLOWED_OBJECT
73     objACE3.Flags = ADS_FLAG_OBJECT_TYPE_PRESENT
74     objACE3.ObjectType = GUID_VALIDATED_DNSHOST
75     'objACE3.InheritedObjectType = not used
76

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77     Set objACE4 = CreateObject("AccessControlEntry")
78     objACE4.Trustee      = strWhoCanJoin
79     objACE4.AccessMask  = ADS_RIGHT_DS_CONTROL_ACCESS
80     objACE4.AceFlags    = 0 'no inheritance from up or to below
81     objACE4.AceType     = ADS_ACETYPE_ACCESS_ALLOWED_OBJECT
82     objACE4.Flags       = ADS_FLAG_OBJECT_TYPE_PRESENT
83     objACE4.ObjectType  = GUID_RESET_PASSWORD
84     'objACE4.InheritedObjectType = not used
85
86     Set objSecDesc = objComputer.Get("ntSecurityDescriptor")
87     Set objDACL = objSecDesc.DiscretionaryAcl
88
89     Call objDACL.AddAce(objACE1)
90     Call objDACL.AddAce(objACE2)
91     Call objDACL.AddAce(objACE3)
92     Call objDACL.AddAce(objACE4)
93
94     objSecDesc.DiscretionaryAcl = objDACL
95     Call objComputer.Put("ntSecurityDescriptor", objSecDesc)
96     objComputer.SetInfo
97
98     WScript.Echo "Created computer " & strComputerName
99 End Sub
100
```