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2 |         From the book Inside Active Directory, ISBN 0-201-61621-1
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10 | -----
11 Option Explicit
12
13 Const UF_SCRIPT = &H0001
14 Const UF_ACCOUNTDISABLE = &H0002
15 Const UF_HOMEDIR_REQUIRED = &H0008
16 Const UF_LOCKOUT = &H0010
17 Const UF_PASSWD_NOTREQD = &H0020
18 Const UF_PASSWD_CANT_CHANGE = &H0040
19 Const UF_ENCRYPTED_TEXT_PASSWORD_ALLOWED = &H0080
20 Const UF_DONT_EXPIRE_PASSWD = &H10000
21 Const UF_MNS_LOGON_ACCOUNT = &H20000
22 Const UF_SMARTCARD_REQUIRED = &H40000
23 Const UF_TRUSTED_FOR_DELEGATION = &H80000
24 Const UF_NOT_DELEGATED = &H100000
25 Const UF_USE_DES_KEY_ONLY = &H200000
26 Const UF_DONT_REQUIRE_PEAUTH = &H400000
27
28 Const UF_TEMP_DUPLICATE_ACCOUNT = &H0100 'local account
29 Const UF_NORMAL_ACCOUNT = &H0200 'global account
30 Const UF_INTERDOMAIN_TRUST_ACCOUNT = &H0800 'incoming trust
31 Const UF_WORKSTATION_TRUST_ACCOUNT = &H1000 'ws or ms comp
32 Const UF_SERVER_TRUST_ACCOUNT = &H2000 'dc computer
33
34 Const E_VBS_OBJECT_REQUIRED = 424
35
36 Dim objDSE, objUser, intUserFlags, objLargeInt
37 Dim bolLockedOut, bolMustChange
38
39 Set objDSE = GetObject("LDAP://rootDSE")
40 Set objUser = GetObject("LDAP://CN=Guest,CN=Users," & _
41     objDSE.Get("defaultNamingContext"))
42
43 objUser.GetInfo
44
45 On Error Resume Next
46 Err = 0
47 Set objLargeInt = objUser.lockoutTime
48 If Err = E_VBS_OBJECT_REQUIRED Then
49     bolLockedOut = False
50 Else
51     bolLockedOut = _
52         (objLargeInt.HighPart <> 0) Or (objLargeInt.LowPart <> 0)
53 End If
54 On Error Goto 0 'resume normal error handling
55
56 Set objLargeInt = objUser.pwdLastSet
57 bolMustChange = _
58     (objLargeInt.HighPart = 0) And (objLargeInt.LowPart = 0)
59
60 WScript.Echo vbCrLf & "Account Options for " & objUser.Name
61
62 WScript.Echo vbCrLf & "=== With Property Methods ===" & vbCrLf
63 WScript.Echo "AccountDisabled : " & objUser.AccountDisabled
64 WScript.Echo "PasswordRequired : " & objUser.PasswordRequired
65 WScript.Echo "Doesn't work: IsAccountLocked : " & _
66     objUser.IsAccountLocked
67
68 WScript.Echo vbCrLf & "=== With userAccountControl ===" & vbCrLf

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69
70 intUserFlags = objUser.Get("userAccountControl")
71
72 WScript.Echo "UserAccountControl value is " & _
73     intUserFlags & " (hex " & Hex(intUserFlags) & ")" & vbCrLf
74
75 WScript.Echo "Account locked out      : " & bolLockedOut
76 WScript.Echo ""
77 WScript.Echo "User must change password at next logon: " & _
78     bolMustChange
79 WScript.Echo "User cannot change password      : " & _
80     "Determined by Change Password ACEs"
81 WScript.Echo "Password never expires      : " & _
82     ((intUserFlags And UF_DONT_EXPIRE_PASSWD) <> 0)
83 WScript.Echo "Store password using reversible encryption : " & _
84     ((intUserFlags And UF_ENCRYPTED_TEXT_PASSWORD_ALLOWED) _
85     <> 0)
86 WScript.Echo "Account is disabled      : " & _
87     ((intUserFlags And UF_ACCOUNTDISABLE) <> 0)
88 WScript.Echo "Smart card is required for interactive logon : " & _
89     ((intUserFlags And UF_SMARTCARD_REQUIRED) <> 0)
90 WScript.Echo "Account is trusted for delegation : " & _
91     ((intUserFlags And UF_TRUSTED_FOR_DELEGATION) <> 0)
92 WScript.Echo "Account is sensitive and cannot be delegated : " & _
93     ((intUserFlags And UF_NOT_DELEGATED) <> 0)
94 WScript.Echo "Use DES encryption types for this account : " & _
95     ((intUserFlags And UF_USE_DES_KEY_ONLY) <> 0)
96 WScript.Echo "Do not require Kerberos pre-authentication : " & _
97     ((intUserFlags And UF_DONT_REQUIRE_PREAUTH) <> 0)
98 WScript.Echo ""
99 WScript.Echo "Password not required : " & _
100     ((intUserFlags And UF_PASSWD_NOTREQD) <> 0)
101 WScript.Echo "MNS_LOGON_ACCOUNT : " & _
102     ((intUserFlags And UF_MNS_LOGON_ACCOUNT) <> 0)
103 WScript.Echo "Not used: Logon script required : " & _
104     ((intUserFlags And UF_SCRIPT) <> 0)
105 WScript.Echo "Not used: Home folder required : " & _
106     ((intUserFlags And UF_HOMEDIR_REQUIRED) <> 0)
107 WScript.Echo "Not used: Account locked out : " & _
108     ((intUserFlags And UF_LOCKOUT) <> 0)
109 WScript.Echo "Not used: UF_PASSWD_CANT_CHANGE : " & _
110     ((intUserFlags And UF_PASSWD_CANT_CHANGE) <> 0)
111
```