

Content of Create a Computer Account For a Specific User.vbs (Site 1)

' Description: Creates and enables a computer account in Active Directory. A specific, authenticated user can then use this account to add his or her workstation to the domain.

```
strComputer = "atl-pro-002"
strComputerUser = "fabrikam\lewjudy"

Const ADS_UF_PASSWD_NOTREQD = &h0020
Const ADS_UF_WORKSTATION_TRUST_ACCOUNT = &h1000
Const ADS_ACETYPE_ACCESS_ALLOWED = &h0
Const ADS_ACETYPE_ACCESS_ALLOWED_OBJECT = &h5
Const ADS_FLAG_OBJECT_TYPE_PRESENT = &h1
Const ADS_RIGHT_GENERIC_READ = &h80000000
Const ADS_RIGHT_DS_SELF = &h8
Const ADS_RIGHT_DS_WRITE_PROP = &h20
Const ADS_RIGHT_DS_CONTROL_ACCESS = &h100

Const ALLOWED_TO_AUTHENTICATE = _
    "{68B1D179-0D15-4d4f-AB71-46152E79A7BC}"
Const RECEIVE_AS = "{AB721A56-1E2f-11D0-9819-00AA0040529B}"
Const SEND_AS = "{AB721A54-1E2f-11D0-9819-00AA0040529B}"
Const USER_CHANGE_PASSWORD = _
    "{AB721A53-1E2f-11D0-9819-00AA0040529b}"
Const USER_FORCE_CHANGE_PASSWORD = _
    "{00299570-246D-11D0-A768-00AA006E0529}"
Const USER_ACCOUNT_RESTRICTIONS = _
    "{4C164200-20C0-11D0-A768-00AA006E0529}"
Const VALIDATED_DNS_HOST_NAME = _
    "{72E39547-7B18-11D1-ADEF-00C04FD8D5CD}"
Const VALIDATED_SPN = "{F3A64788-5306-11D1-A9C5-0000F80367C1}"

Set objRootDSE = GetObject("LDAP://rootDSE")
Set objContainer = GetObject("LDAP://cn=Computers," & _
    objRootDSE.Get("defaultNamingContext"))

Set objComputer = objContainer.Create _
    ("Computer", "cn=" & strComputer)
objComputer.Put "sAMAccountName", strComputer & "$"
objComputer.Put "userAccountControl", _
    ADS_UF_PASSWD_NOTREQD Or ADS_UF_WORKSTATION_TRUST_ACCOUNT
objComputer.SetInfo

Set objSecurityDescriptor = objComputer.Get("ntSecurityDescriptor")
Set objDACL = objSecurityDescriptor.DiscretionaryAcl

Set objACE1 = CreateObject("AccessControlEntry")
objACE1.Trustee = strComputerUser
objACE1.AccessMask = ADS_RIGHT_GENERIC_READ
objACE1.AceFlags = 0
objACE1.AceType = ADS_ACETYPE_ACCESS_ALLOWED

Set objACE2 = CreateObject("AccessControlEntry")
objACE2.Trustee = strComputerUser
objACE2.AccessMask = ADS_RIGHT_DS_CONTROL_ACCESS
objACE2.AceFlags = 0
objACE2.AceType = ADS_ACETYPE_ACCESS_ALLOWED_OBJECT
objACE2.Flags = ADS_FLAG_OBJECT_TYPE_PRESENT
objACE2.ObjectType = ALLOWED_TO_AUTHENTICATE

Set objACE3 = CreateObject("AccessControlEntry")
objACE3.Trustee = strComputerUser
objACE3.AccessMask = ADS_RIGHT_DS_CONTROL_ACCESS
objACE3.AceFlags = 0
objACE3.AceType = ADS_ACETYPE_ACCESS_ALLOWED_OBJECT
objACE3.Flags = ADS_FLAG_OBJECT_TYPE_PRESENT
objACE3.ObjectType = RECEIVE_AS

Set objACE4 = CreateObject("AccessControlEntry")
objACE4.Trustee = strComputerUser
objACE4.AccessMask = ADS_RIGHT_DS_CONTROL_ACCESS
objACE4.AceFlags = 0
objACE4.AceType = ADS_ACETYPE_ACCESS_ALLOWED_OBJECT
objACE4.Flags = ADS_FLAG_OBJECT_TYPE_PRESENT
objACE4.ObjectType = SEND_AS

Set objACE5 = CreateObject("AccessControlEntry")
objACE5.Trustee = strComputerUser
objACE5.AccessMask = ADS_RIGHT_DS_CONTROL_ACCESS
objACE5.AceFlags = 0
objACE5.AceType = ADS_ACETYPE_ACCESS_ALLOWED_OBJECT
objACE5.Flags = ADS_FLAG_OBJECT_TYPE_PRESENT
objACE5.ObjectType = USER_CHANGE_PASSWORD

Set objACE6 = CreateObject("AccessControlEntry")
objACE6.Trustee = strComputerUser
objACE6.AccessMask = ADS_RIGHT_DS_CONTROL_ACCESS
objACE6.AceFlags = 0
objACE6.AceType = ADS_ACETYPE_ACCESS_ALLOWED_OBJECT
objACE6.Flags = ADS_FLAG_OBJECT_TYPE_PRESENT
objACE6.ObjectType = USER_FORCE_CHANGE_PASSWORD

Set objACE7 = CreateObject("AccessControlEntry")
objACE7.Trustee = strComputerUser
objACE7.AccessMask = ADS_RIGHT_DS_WRITE_PROP
objACE7.AceFlags = 0
objACE7.AceType = ADS_ACETYPE_ACCESS_ALLOWED_OBJECT
objACE7.Flags = ADS_FLAG_OBJECT_TYPE_PRESENT
objACE7.ObjectType = USER_ACCOUNT_RESTRICTIONS

Set objACE8 = CreateObject("AccessControlEntry")
objACE8.Trustee = strComputerUser
objACE8.AccessMask = ADS_RIGHT_DS_SELF
objACE8.AceFlags = 0
objACE8.AceType = ADS_ACETYPE_ACCESS_ALLOWED_OBJECT
objACE8.Flags = ADS_FLAG_OBJECT_TYPE_PRESENT
objACE8.ObjectType = VALIDATED_DNS_HOST_NAME

Set objACE9 = CreateObject("AccessControlEntry")
objACE9.Trustee = strComputerUser
objACE9.AccessMask = ADS_RIGHT_DS_SELF
objACE9.AceFlags = 0
objACE9.AceType = ADS_ACETYPE_ACCESS_ALLOWED_OBJECT
objACE9.Flags = ADS_FLAG_OBJECT_TYPE_PRESENT
objACE9.ObjectType = VALIDATED_SPN

objDACL.AddAce objACE1
objDACL.AddAce objACE2
objDACL.AddAce objACE3
objDACL.AddAce objACE4
objDACL.AddAce objACE5
objDACL.AddAce objACE6
objDACL.AddAce objACE7
objDACL.AddAce objACE8
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Content of Create a Computer Account For a Specific User.vbs (Site 2)

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objDACL.AddAce objACE9
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objSecurityDescriptor.DiscretionaryAcl = objDACL  
objComputer.Put "ntSecurityDescriptor", objSecurityDescriptor  
objComputer.SetInfo
```