

Virtual Identity Server for Identity Lifecycle Manager

Providing powerful multi-forest capabilities and the fastest group management available in ILM

The Virtual Identity Server for ILM is a special edition of the Virtual Identity Server that extends Microsoft's Identity Lifecycle Manager product. VIS for ILM is comprised of a custom ILM management agent (MA) that leverages the Virtual Identity Server to provide powerful multi-forest capabilities and enhanced group management features.

The management agent allows ILM to manage group membership by updating user objects directly instead of managing group objects. As a result, Active Directory (AD) group objects no longer need to be imported into the metaverse, reducing complexity and speeding the deployment of ILM. Users are added or removed from AD groups by directly modifying the "memberOf" user attribute that is made read and write capable by the VIS for ILM management agent.

The result is an easier, more flexible way to perform group management in ILM, providing the fastest processing time available today. In customer scenarios with very large Active Directory Groups, processing times have been reduced from two plus hours to sub-minute processing.

Multi-Forest connectivity

- Using a single management (VIS MA), ILM can easily connect to multiple Active Directory forests, domains, or LDAP directories. This greatly simplifies the deployment and configuration of ILM.

Enhanced Active Directory Group Management within the ILM environment

- The management agent allows ILM to manage group membership by updating user objects directly instead of managing group objects.
- Users are added or removed from AD groups by directly modifying the "memberOf" user attribute that is made read and write capable by the VIS for ILM management agent.
- Eliminates the need to project AD Group objects into the Metaverse, reducing complexity of the ILM deployment.
- Extremely fast processing, especially with Very Large Groups (VLG) - Customer simulations have reduced 2+ hour run-times to minutes.

Enhanced Metaverse functionality - Read/Write Reciprocal link attributes

- Formerly "read-only" reciprocal relationship attributes are now writable via the management agent, reducing complexity and the number of objects in the metaverse.
- Any extensible code within ILM can leverage the VIS MA and update the attributes directly. Examples are: Memberof (user) - Member (group) and Directreport (user) - Manager (user)

Key Benefits

Significantly reduces complexity by providing a multi-forest/directory view from a single management agent.

Reduces the number of replicated objects within an ILM environment, eliminating the need to import AD group objects into the Metaverse to perform group populations, further simplifying the ILM deployment.

Extremely fast Group Management processing VIS for ILM provides the fastest group management available, enabling ILM to reduce very large group populations from hours to minutes.

Achieve immediate and instant payback. VIS for ILM deploys in hours not weeks or months, saving both time and money.

Seamless integration within the Microsoft ILM environment VIS for ILM is written entirely in .NET managed code and leverages and extends the investment in the Microsoft environment.

Extends ILM by enabling the user attribute "memberOf" to be read/write capable within the Metaverse.

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Fast and Efficient Group Management in ILM with One Line of Code! "memberOf" User Attribute is Now Read/Write capable in the Metaverse

```
VIS_Extension.vb
MAExtensionObject
MapAttributesForImport

Public Sub MapAttributesForExport (ByVal FlowRuleName As String, ByVal mventry As MVEntry, ByVal centry As
Dim ma As ConnectedMA = mventry.ConnectedMAs("Virtual Identity Server")

Select Case FlowRuleName
Case "memberOf"
Dim strUserType As String = ""
If mventry("mv-userType").IsPresent Then
strUserType = mventry("mv-userType").StringValue
End If

If mventry("mv-managerFlg").IsPresent And strUserType = "Employee" Then
Try
Dim mgrFlg As String = mventry("mv-managerFlg").StringValue
Dim mgrDN As ReferenceValue = ma.CreatedDN("CN=ILM Managers,OU=Groups,ou=ad,dc=optimali

Select Case (mgrFlg)
Case "0" ' User should not be a member of the "Managers" Group, so remove if pr
centry("memberOf").Values.Remove(mgrDN)
Case "1" ' User should be a member of the "Managers" Group, so add if not prese
centry("memberOf").Values.Add(mgrDN)
Case Else
' Do Nothing
End Select
Catch ex As Exception

End Try
End If
```

Technical Specifications

Microsoft Identity Lifecycle Manger 2007

Microsoft Windows Server 2003 & 2008

.NET 2.0 Framework

An instance of the Virtual Identity Server running VIS for ILM

The VIS for ILM management agent supports full import & synchronization, delta import & synchroni-
zation as well as export run profiles.

About Optimal IdM, LLC.

Optimal IdM, LLC. is a leading global provider of identity management consulting and software solutions. Headquartered in Land O' Lakes, Florida, Optimal IdM provides sales and services through regional offices across the United States and a growing network of resellers and distributors.

Optimal IdM's customers include Fortune 1000 companies, as well as, Federal, State and Local Government agencies in more than 12 countries on 4 continents. Founded in 2005, Optimal IdM is privately held and has been profitable in every quarter since inception.

For more information on our products and services, please visit our website at <http://www.optimalidm.com> or call +1.813.425.6351



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