

# Leverage Discovery

## Package: Active Directory

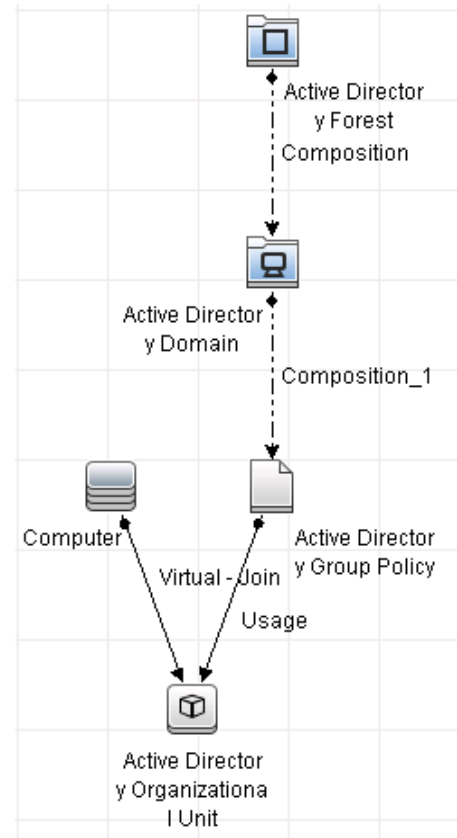
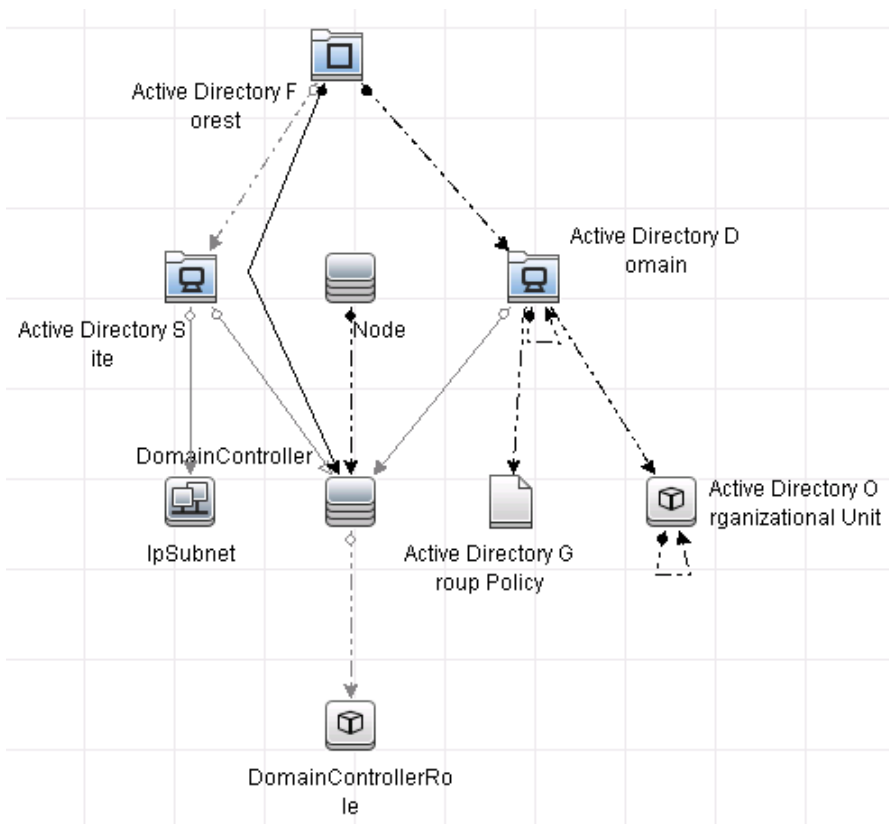
This DDM package discovers Active Directory via PowerShell. I wrote this package because the out-of-the-box version in uCMDB 9.x (using LDAP) did not find everything expected. It would discover a subset of the CIs, a subset of DC roles, and only partial relationships.

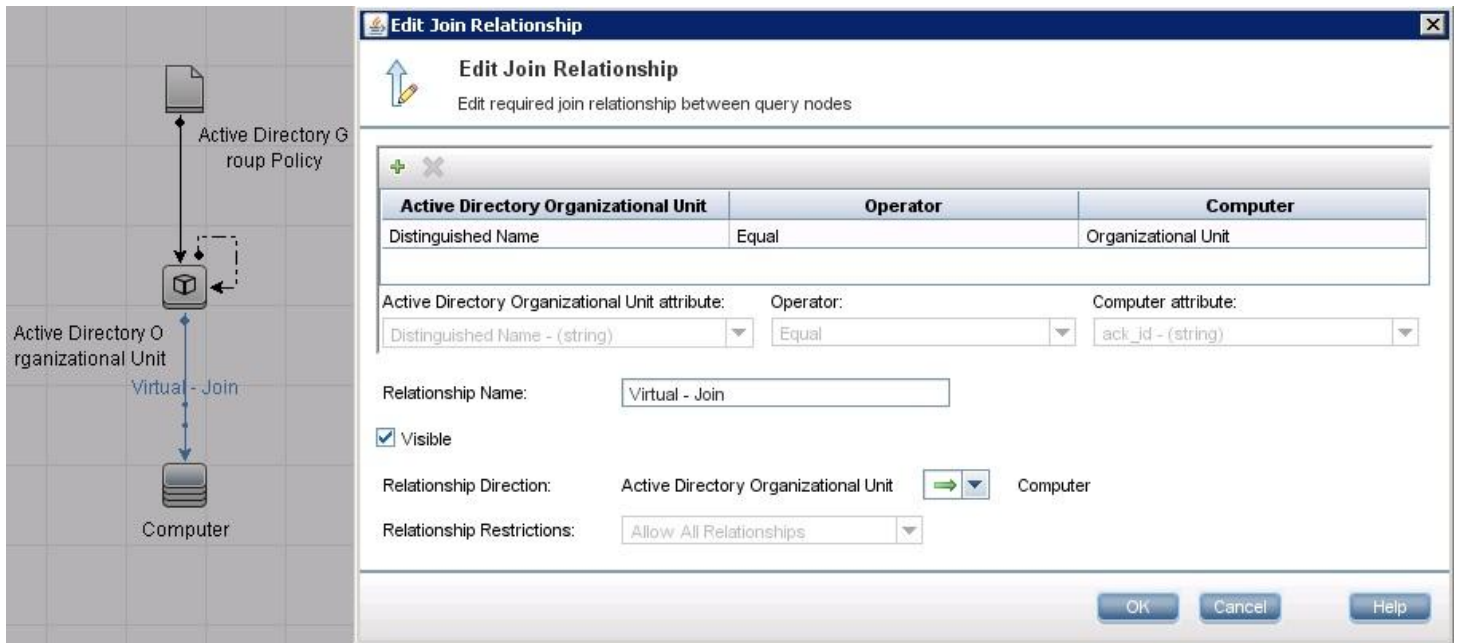
I wrote the first AD package for DDMa back in June of 2009 that used WMI for discovery, before the HP version came out that used LDAP. Given Microsoft's operational shift from WMI and towards PowerShell, I figured it was best to develop a new one with PowerShell.

The package has two jobs. The first job replaces the OOB job - discovers everything expected OOB except site links. [I left site links out because they are unnecessary for ITIL disciplines.] The second job extends the original discovery, by getting OUs of servers in the uCMDB discovery domain scope and relating them to the Group Policies. This allows customer to see impact of GPO changes.

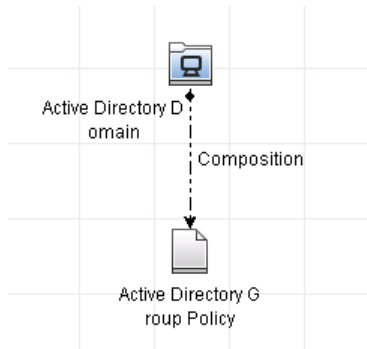
Note: this package does NOT require access on the AD servers. It uses PowerShell cmdlets on the DDM probe to query the content. This is was a big win for security.

CI Model:



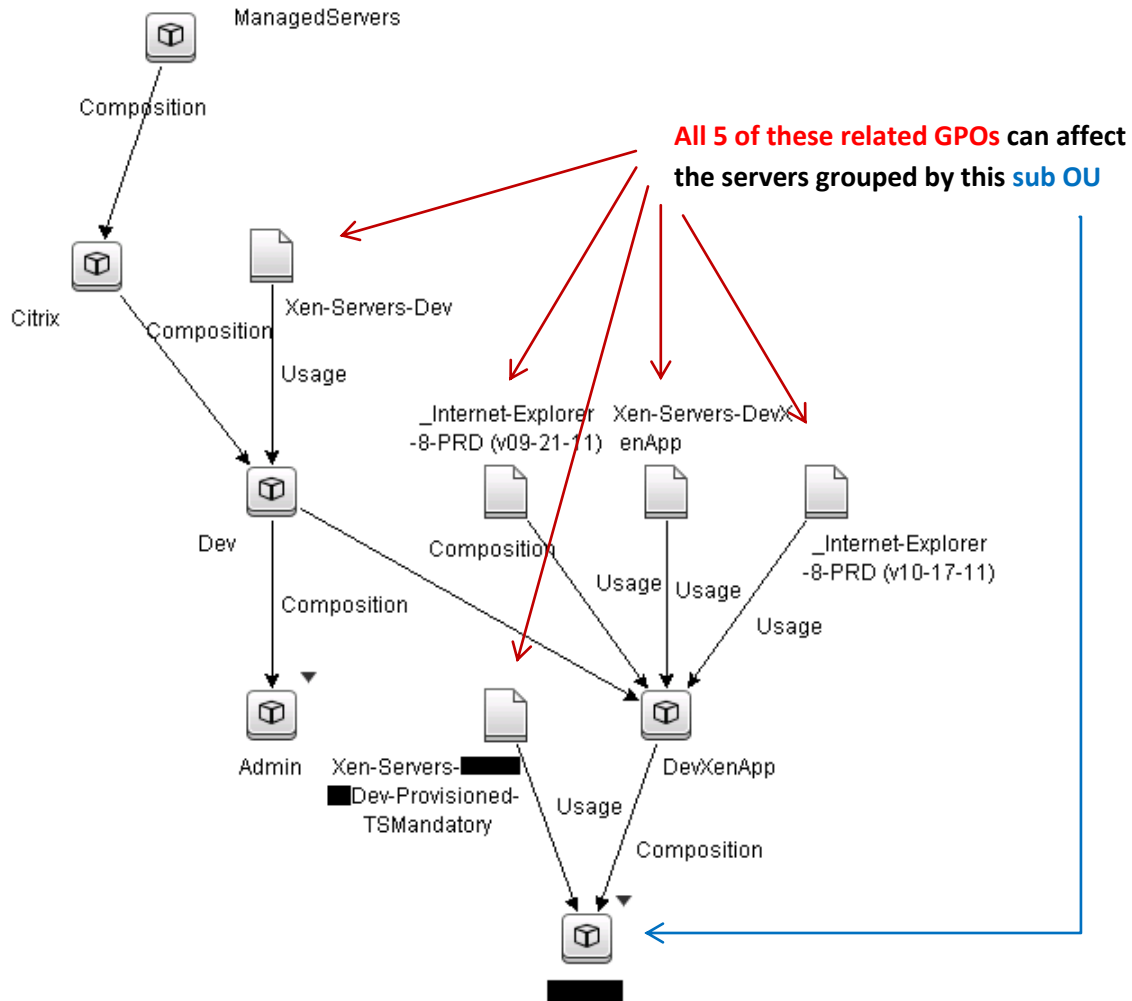
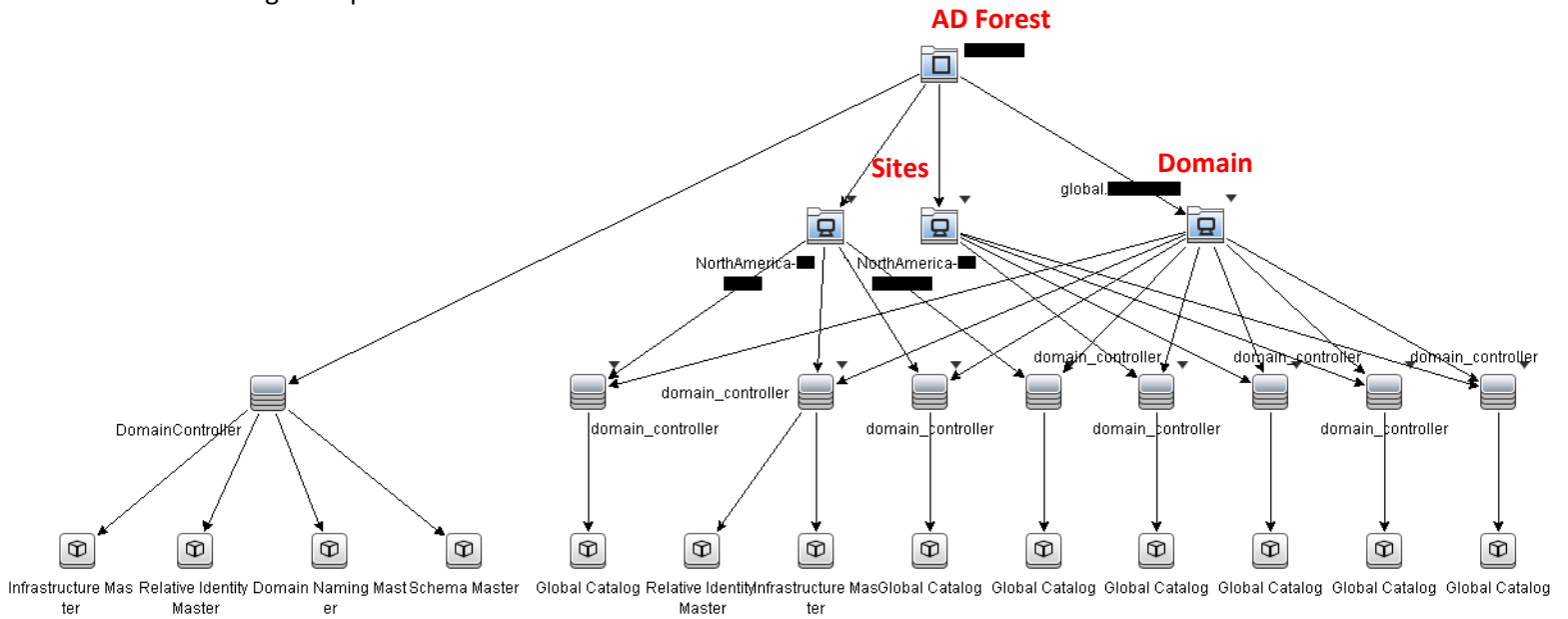


Providing a GPO report from the following TQL:



Display Label	GPO Creation Time	GPO Modification Time	GPO Owner	GPO Status
global.████████.com				
Default Domain Controllers Policy	6/10/2001 7:37:47 AM	6/16/2011 8:46:48 AM	████████ Domain Admins	AllSettingsEnabled
Default Domain Policy	6/10/2001 7:37:47 AM	2/23/2011 12:31:06 PM	████████ Domain Admins	AllSettingsEnabled
DomainControllers-Forefront-Policy-PRD	10/20/2010 2:45:03 PM	1/5/2011 12:06:56 PM	████████ Domain Admins	AllSettingsEnabled
GPO-A-COMP-Allow-IM-Video	1/19/2007 10:38:43 AM	6/15/2010 1:37:28 PM	████████ Domain Admins	UserSettingsDisabled
GPO-A-COMP-Citrix-MRA-Redirect-H-Drive	1/27/2011 11:58:53 AM	3/24/2011 9:33:40 PM	████████ Domain Admins	AllSettingsEnabled
GPO-A-COMP-Disable-AutoRun	3/31/2009 10:02:15 AM	6/15/2010 1:54:52 PM	████████ Domain Admins	AllSettingsEnabled
GPO-A-COMP-Disable-System-Restore	2/19/2010 9:03:35 AM	6/15/2010 2:01:44 PM	████████ Domain Admins	UserSettingsDisabled
GPO-A-COMP-Disable-Windows-Messenger	3/14/2008 8:46:09 AM	6/15/2010 1:50:10 PM	████████ Domain Admins	AllSettingsEnabled
GPO-A-COMP-Internet-Explorer-7	6/14/2007 2:11:55 PM	6/15/2010 1:47:36 PM	████████ Domain Admins	UserSettingsDisabled
GPO-A-COMP-Office-Communicator-2007	11/15/2007 9:42:19 AM	6/15/2010 1:49:14 PM	████████ Domain Admins	UserSettingsDisabled
GPO-A-COMP-PCSupport	3/11/2010 10:01:29 AM	6/15/2010 2:02:12 PM	████████ Domain Admins	AllSettingsEnabled
GPO-A-COMP-Remote-Desktop-Test	7/29/2008 1:46:56 PM	6/15/2010 1:50:44 PM	████████ Domain Admins	UserSettingsDisabled
GPO-A-COMP-Remote-Desktop-Test2	7/29/2008 1:47:09 PM	6/15/2010 1:50:44 PM	████████ Domain Admins	UserSettingsDisabled

Providing a couple Views:



Support matrix:

Product	Platform	DDM 9.02	DDM 9.04
Microsoft Active Directory	Windows 2008 R2	✓	✓

For more information please contact Leverage Discovery:

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