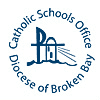


****

|  |
| --- |
| Catholic Schools Office  Optimal IdM VIS Deployment  As Built Document – VIS Configuration |
| 22 Dec. 15 |

Document Control

Preparation

| Version | Date | Author/s | Organisation | Action |
| --- | --- | --- | --- | --- |
| 1.0 | 22 Dec 2015 | Bob Bradley | UNIFY Solutions | Initial Release |
|  |  |  |  |  |

Distribution

|  |  |  |
| --- | --- | --- |
| Name | Organisation | Title |
| Rene Pisani | DBB Catholic Schools Office | ICLT FIM Administrator |
| Robert Broadley | DBB Catholic Schools Office | ICLT Datacentre Manager |
| Arlene Crisologo | DBB Catholic Schools Office | ICLT Server Systems Engineer |
| Courtney Abela | DBB Catholic Schools Office | ICLT Service Desk Coordinator |
| Robert Swain | DBB Catholic Schools Office | ICLT Server Systems Engineer |

Table of Contents

[Introduction 5](#_Toc438560864)

[Introduction 5](#_Toc438560865)

[Scope/Topology 5](#_Toc438560866)

[Audience 6](#_Toc438560867)

[Assumptions 6](#_Toc438560868)

[Documentation References 7](#_Toc438560869)

[1 Hardware and Software Configuration 8](#_Toc438560870)

[1.1 Server Virtualisation 8](#_Toc438560871)

[1.2 VIS Server – Hardware Configuration 8](#_Toc438560872)

[1.3 VIS Server – Software Configuration 8](#_Toc438560873)

[2 Glossary of Terms 9](#_Toc438560874)

[3 System Configuration 10](#_Toc438560875)

[3.1 VIS Server System Configuration 10](#_Toc438560876)

[4 Domain Account Configuration 11](#_Toc438560877)

[4.1 User Accounts 11](#_Toc438560878)

[4.2 Service Accounts 11](#_Toc438560879)

[4.3 Group Accounts 11](#_Toc438560880)

[4.3.1 VIS Role Authorization 11](#_Toc438560882)

[4.3.2 VIS Admins Group 12](#_Toc438560883)

[4.3.3 VIS Readers Group 12](#_Toc438560884)

[5 Installation Prerequisites 13](#_Toc438560885)

[5.1 Install the ADLDS Role 13](#_Toc438560886)

[5.2 Uninstall existing CSODBB ADLDS instance 15](#_Toc438560887)

[6 Install the CSODBB ADLDS instance 17](#_Toc438560888)

[6.1 Extend the ADLDS schema 26](#_Toc438560889)

[6.2 Validate the ADLDS schema 33](#_Toc438560890)

[7 Install VIS version 3.4.173.0 37](#_Toc438560891)

[7.1 Apply patch VIS 3.4.183.0 42](#_Toc438560892)

[8 Configure VIS Initial Instance 43](#_Toc438560893)

[8.1 Perform first time config: 47](#_Toc438560894)

[8.2 Validate VIS installation via LDAP Manager 51](#_Toc438560895)

[9 Deploy the VIS configuration developed in the lab 54](#_Toc438560896)

[9.1 Validate the deployment 54](#_Toc438560897)

[Appendix A: Generated VISConfig.html 56](#_Toc438560898)

Introduction

Introduction

An initiative undertaken by CENet (directory services provider to Catholic Education across Australia, including CSODBB) required that all dioceses extend their Novell Identity Management interface to the DBB.LOCAL Active Directory forest to provide 2 additional user account attributes, namely:

* Sex
* DOB

This was problematic for CSODBB for the following reasons:

* Privacy – these two attributes are considered sensitive for CSODBB students and staff, and should not be generally visible to other DBB.LOCAL network users; and
* Extensibility – extending the DBB.LOCAL schema to incorporate new physical attributes was not a preferred option, nor was leveraging any available Exchange “extension” attributes

An alternative “virtual” strategy was selected based on the use of a virtual directory, thereby avoiding physical schema extensions and also ensuring privacy of the additional data.

As a consequence, the Diocese of Broken Bay – Catholic Schools Office has extended their own Identity Management platform (based on Microsoft Forefront Identity Manager 2010) to include the following additional components:

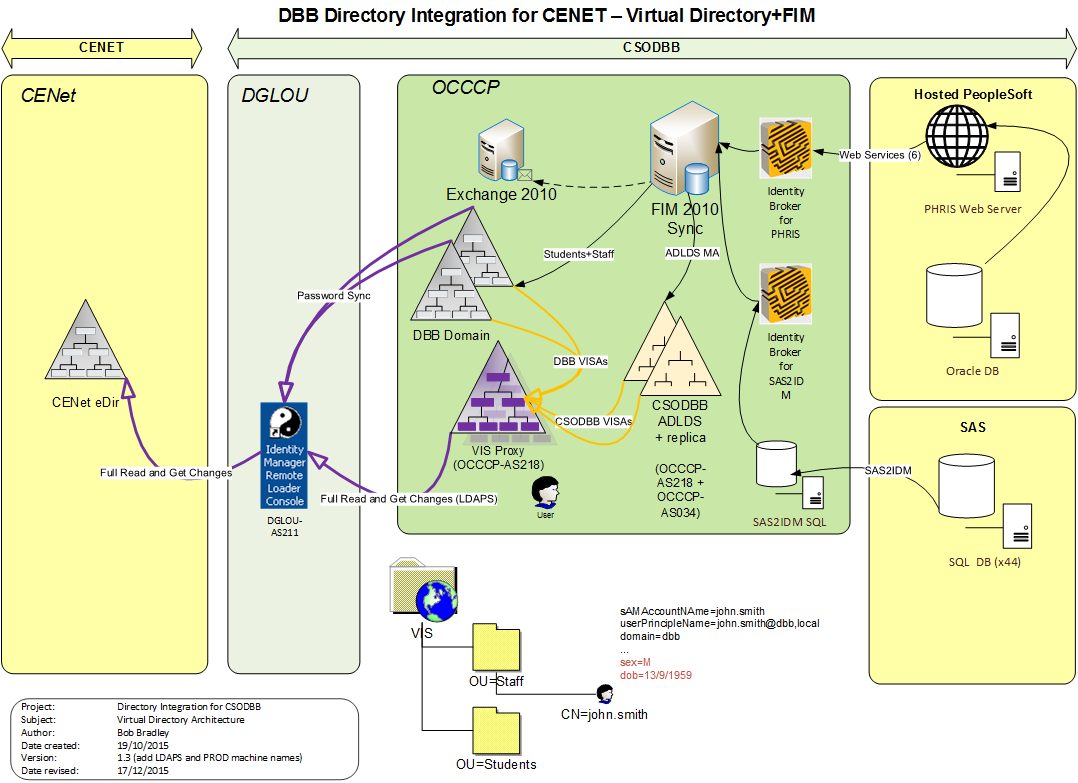
* Optimal IdM’s Virtual Identity Server (VIS);
* Identity Broker 4 (upgraded from version 3 to source new SAS2IDM and PHRIS user attributes);
* An instance of Microsoft ADLDS “CSODBB” (master + replica); and
* A new FIM 2010 Management agent for CSODBB ADLDS.

This document provides a configuration summary of the VIS and ADLDS components “as built” in the production environment.

Scope/Topology

The scope of this document is to deliver configuration information “as built” in the production environment for the above components of the CSODBB identity management solution, specifically VIS and its dependent ADLDS instances.

The following diagram shows how VIS is deployed at CSODBB to provide an extended (virtual) user account schema, in particular including the two additional attributes required by CENet.



Optimal IdM’s Virtual Identity Server (VIS) is co-hosted with 2 ADLDS instances, both of which are connected via VIS Adapters (VISAs) along with the DBB.LOCAL AD domain itself.

* VISConfig (system VISA)
* DBB (Primary VISA)
* CSODBB (Secondary “joined” VISA)

Audience

This document is intended for use by CSODBB staff to support and maintain the Identity Management solution.

Assumptions

The following assumptions underpin this document:

* This document incorporates installation but not recovery of the solution; and
* This document defines the procedures required to migrate related configuration between DEV and production environments;
* The document assumes the reader has sufficient Microsoft infrastructure and FIM competencies; and
* This document is not intended for use in operating or troubleshooting the solution.

Documentation References

* None

1. Hardware and Software Configuration

This section describes the hardware and software configuration supporting the solution.

* 1. Server Virtualisation

The following HyperV virtualisation is configured:

* VIS and ADLDS on the same virtual machine (VM).
  1. VIS Server – Hardware Configuration

|  |  |
| --- | --- |
| Processor | Intel Xeon E5-2660 v2 2.2GHz (1 processor) |
| RAM | 6 GB |
| Operating System | Windows Server 2012 R2 Standard |
| Storage | C drive (System) - 50 Gb D drive (Data and Logs) – 50 Gb Y drive (Pagefile) – 10 Gb |

* 1. VIS Server – Software Configuration

The software configuration for the VIS server includes the following additional roles (to the base server configuration):

* AD LDS
* .NET Framework 3.51
* .NET Framework 4.5
* Windows PowerShell (4.0) and PowerShell ISE
* AD DS Snap-ins and Command Line Tools
* AD LDS Snap-ins and Command Line Tools
* AD DS and AD LDS Tools
* Role Administration Tools
* Remote Server Administration Tools

1. Glossary of Terms

| Term | Description | Definition |
| --- | --- | --- |
| AD | Active Directory | Active Directory is a directory service to manage all elements of an organisations network, including computers, groups, users, domains, security policies and any type of custom-defined objects. Active Directory provides a centrally managed service for Windows based security and access |
| AD User |  | A User object in Active Directory that can be used to logon (Authenticate) to the domain |
| AD Group |  | A security group object created in Active Directory that can be used to configure authorised access to domain resources |
| AD LDS | Active Directory Lightweight Directory Services | Active Directory Domain Services (AD DS) is a server role in Active Directory that allows admins to manage and store information about resources from a network, as well as application data, in a distributed database. |
| IdM | Identity Management | An integrated solution that provides a unified view of users across an organisation. It enables companies to build a secure environment for managing user identities, authentication methods and access rights. |
| LDAP | Lightweight Directory Access Protocol | A software protocol for enabling anyone to locate organisations, individual and other resources such as files and devices in a network, whether on the public internet or a corporate intranet. LDAP is a ‘lightweight’ (smaller amount of code) version of the Directory Access Protocol (DAP), which is part of X.500, a standard for directory services in a network. |
| VIS | Virtual Identity Server | Optimal IdM’s VIS is the fastest, most comprehensive LDAP virtual directory available. VIS is an LDAP virtual directory server built entirely in .NET managed code. It’s used to enhance your LDAP directory infrastructure, providing key data transformation and virtualization needs. - See more at: https://optimalidm.com/products/on-premise/virtual-identity-server/#sthash.CvMlM2Xk.dpuf |

1. System Configuration

This section describes the system configuration supporting the solution:

* 1. VIS Server System Configuration

|  |  |
| --- | --- |
| Server | Value |
| Server Name | OCCCP-AS218 |
| Domain Name | DBB.LOCAL |
| Network Information |  |
| IP Address (or DHCP) | 10.19.205.72 |
| Firewall Information |  |
| Inbound UDP/TCP (allowed) | 636 |
| Directory Services Information (listening) |  |
| VIS LDAP Port (local only) | 389 |
| VIS SLDAP Port (SSL) | 636 |
| CSODBB LDAP Port (local only) | 50000 |
| CSODBB SLDAP Port (SSL, local only) | 50001 |

1. Domain Account Configuration

This section describes the AD account configuration for the solution including:

* Users accounts; and
* Service Accounts; and
* Group Accounts.
  1. User Accounts

This solution uses a single account, fim\_portaladmin, to administer the FIM portal. Other users are not configured to access or manage the FIM Portal

* 1. Service Accounts

Forefront Identity Manager requires service accounts to connect to the databases and data repositories. Below are the details of the service accounts and related configuration.

|  |  |
| --- | --- |
| Account/Configuration | Value |
| VIS Service Account Name (reused) | dbb\ svcFIM\_Service |
| VIS Service Account Password | On file |

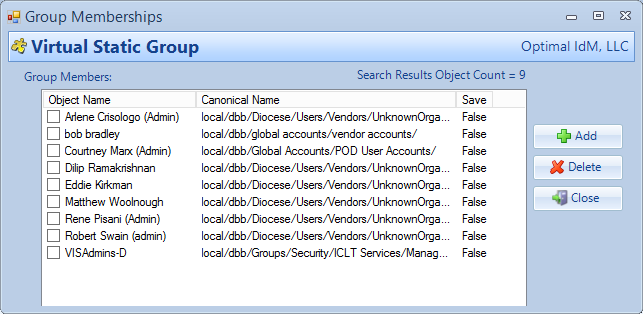
* 1. Group Accounts
     1. VIS Role Authorization

The VIS Management Console provides an interface for administering, configuring and operating the VIS instance, including Virtual Static Groups.

There are 2 such groups whose membership defines tasks that can be performed with respect to VIS.

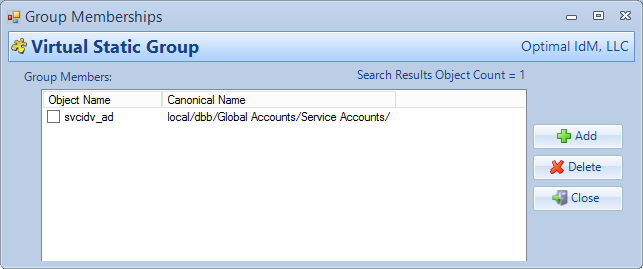
|  |  |
| --- | --- |
| VIS Group Name | Role |
| sg-VISAdminsGroup | Unrestricted admin access to VIS |
| sg-VISReadersGroup | Read-only access to VIS on either port 389 or 636 |

* + 1. VIS Admins Group

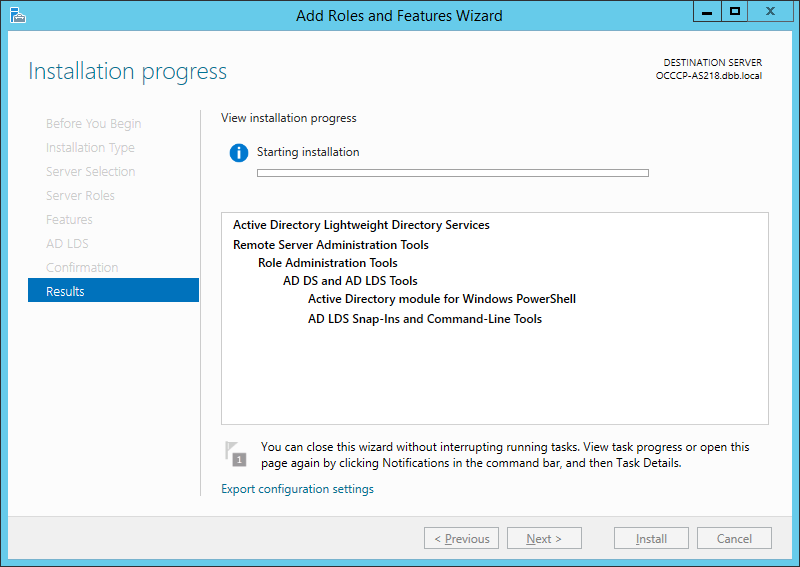
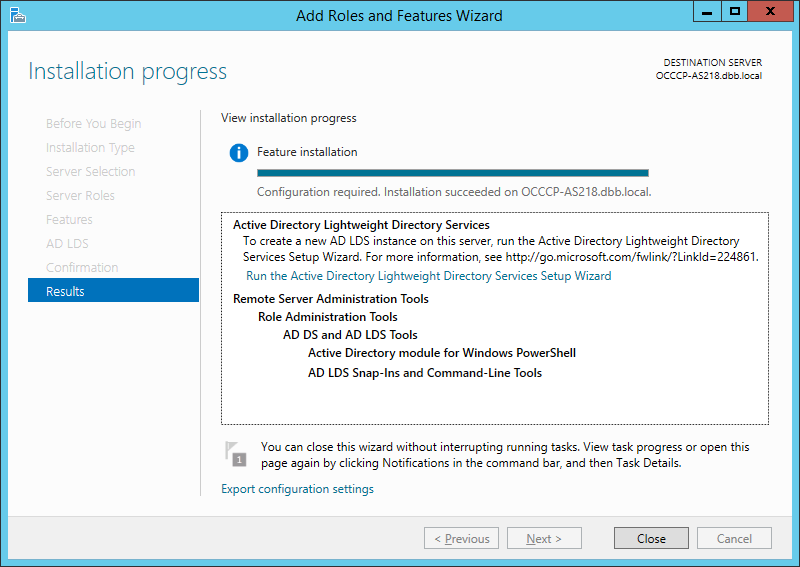


**Note:** the VISAdmins-D (domain local) group is mastered in FIM, and controls RDP access to the VIS server via nested members of the VISAdmins-G (global) group (also FIM-mastered). It now may be possible to manage ongoing access via the VISAdmins-D DBB.LOCAL group alone – but this has not been validated.

* + 1. VIS Readers Group

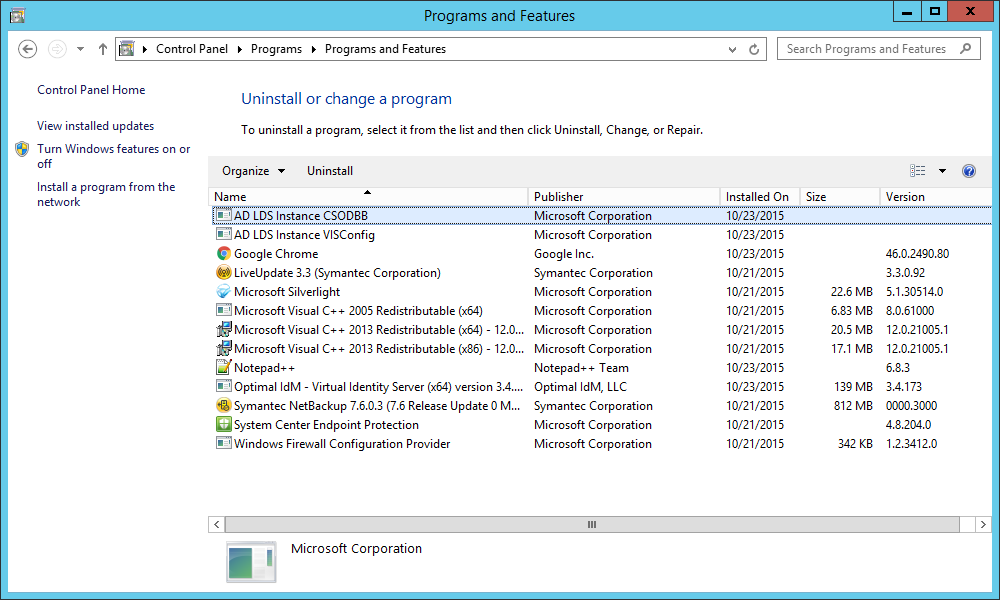


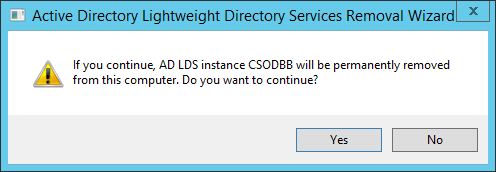
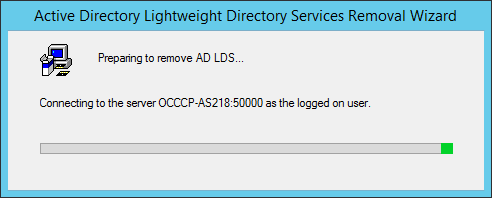
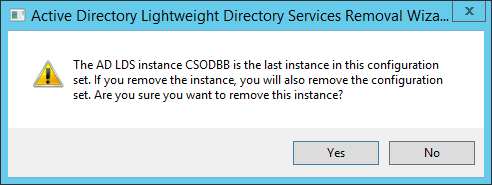
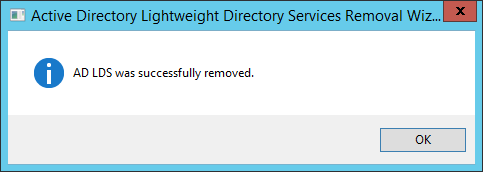
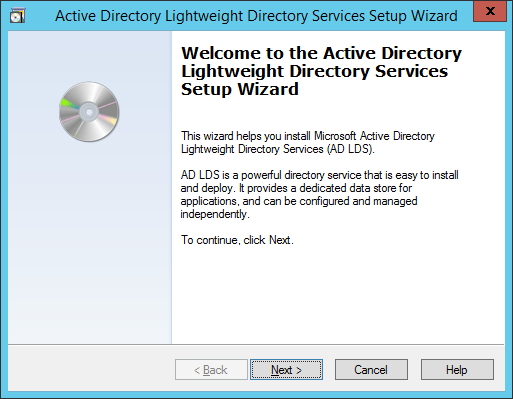
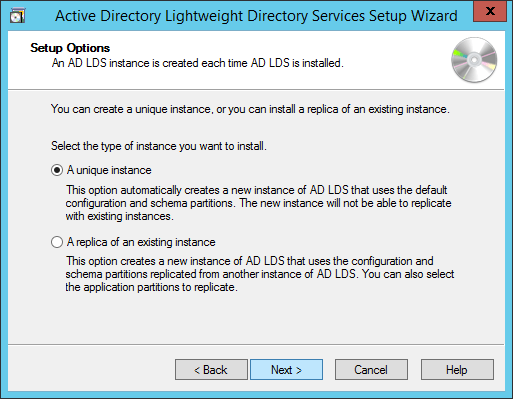
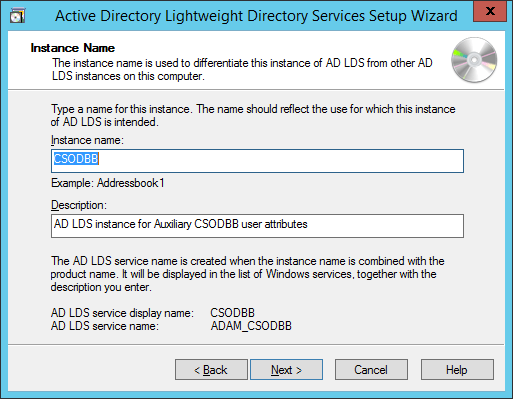
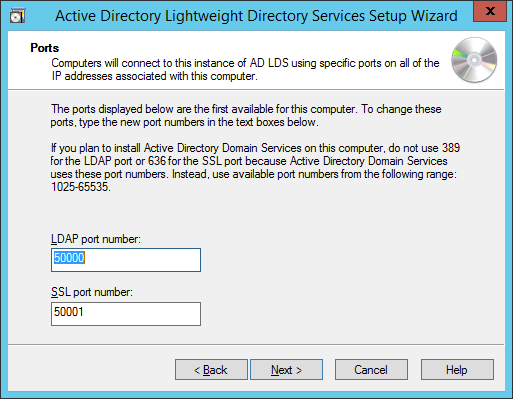
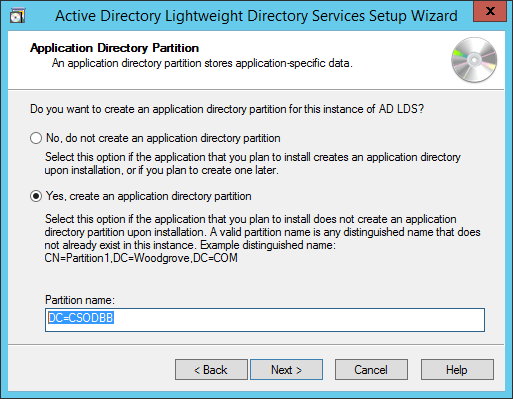
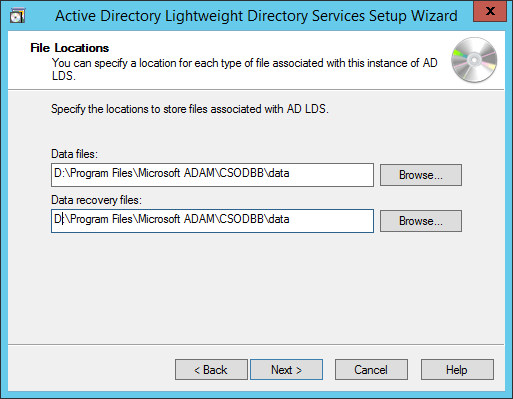
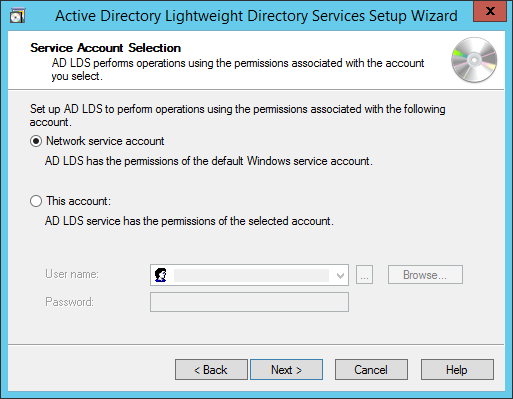
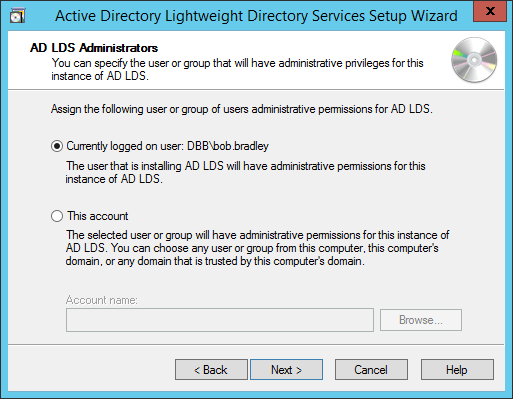
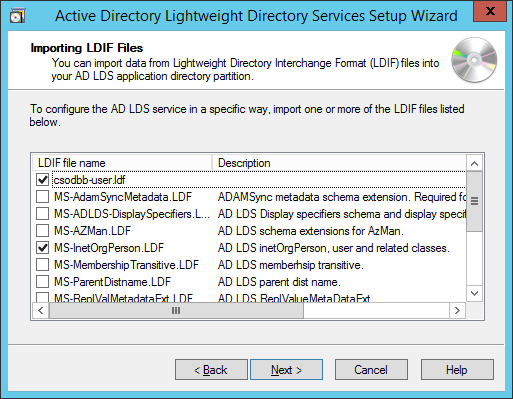
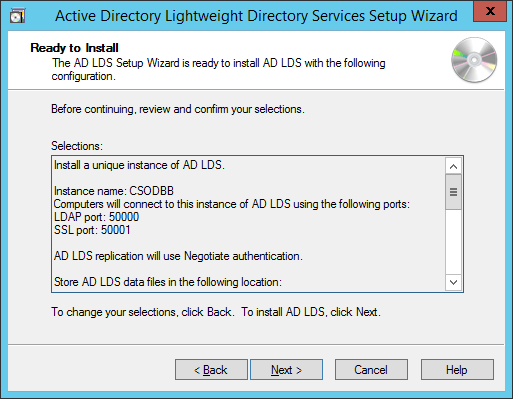
1. Installation Prerequisites
   1. Install the ADLDS Role

* 1. Uninstall existing CSODBB ADLDS instance

This is done from the control panel - make sure you are an ADMIN of the ADLDS instance:



1. Uninstall  
   
2. Yes  
     
   
3. Yes  
   
4. Install the CSODBB ADLDS instance
5. Add the ADLDS role
6. Copy D:\Install\csodbb-user.ldf to C:\Windows\ADAM
7. From the C:\Windows\ADAM\ folder run adaminstall.exe (AS ADMINISTRATOR)  
   
8. Next>  
   
9. Next (leave "A unique instance")  
     
   Instance name = CSODBB  
   Description = AD LDS instance for Auxiliary CSODBB user attributes
10. Next>  
      
    ports are as per default (50000, 50001)
11. Next>  
      
    Partition = "DC=CSODBB"
12. Next>  
      
    Data files = D:\Program Files\Microsoft ADAM\CSODBB\data  
    Data recovery files = D:\Program Files\Microsoft ADAM\CSODBB\data  
    ***(NOTE: use D drive not default C drive)***
13. Next>  
      
    (use network service account)
14. Next>  
      
    Leave as the logged on user  
    ***(Note: we will be adding an appropriate GROUP to the ADMINS role after install!)***
15. Next>  
      
    (***Note - csodbb-user.ldf MUST be copied to C:\Windows\ADAM in step #2 above for this to appear correctly in the above screenshot)***
16. Next>  
      
    **Note: see below for full text from the above dialog:**

*Install a unique instance of AD LDS.*

*Instance name: CSODBB*

*Computers will connect to this instance of AD LDS using the following ports:*

*LDAP port: 50000*

*SSL port: 50001*

*AD LDS replication will use Negotiate authentication.*

*Store AD LDS data files in the following location:*

*D:\Program Files\Microsoft ADAM\CSODBB\data*

*Store AD LDS log files in the following location:*

*D:\Program Files\Microsoft ADAM\CSODBB\data*

*Run AD LDS using the following account:*

*NT AUTHORITY\NetworkService*

*Set up the following account to administer AD LDS:*

*DBB\bob.bradley*

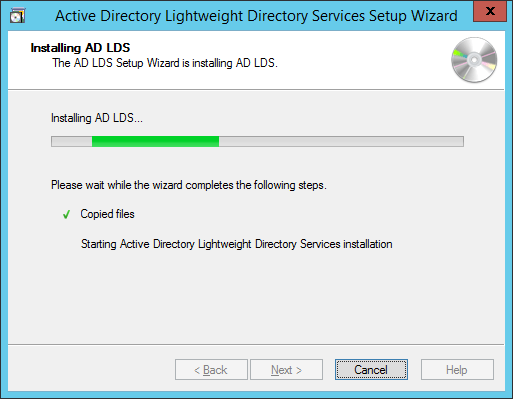
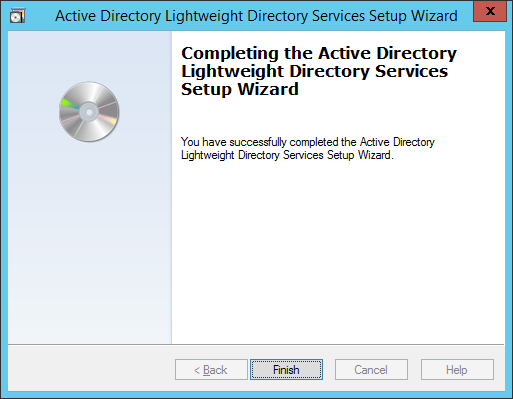
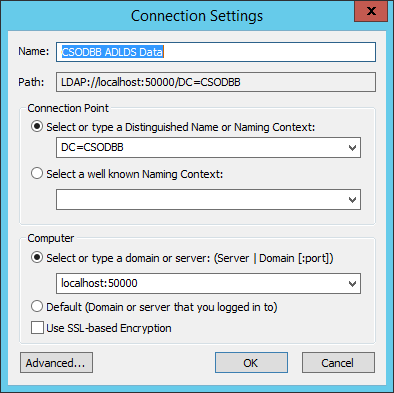
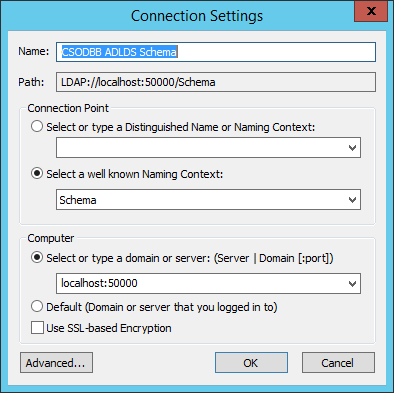
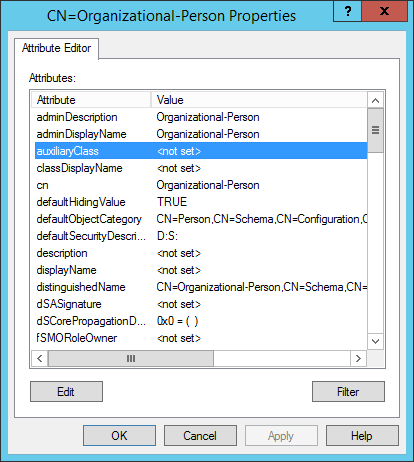
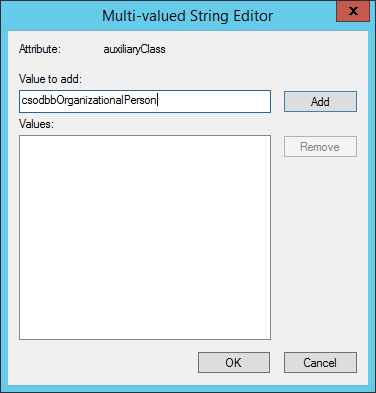
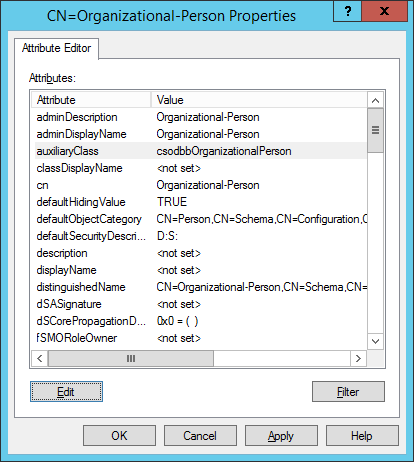
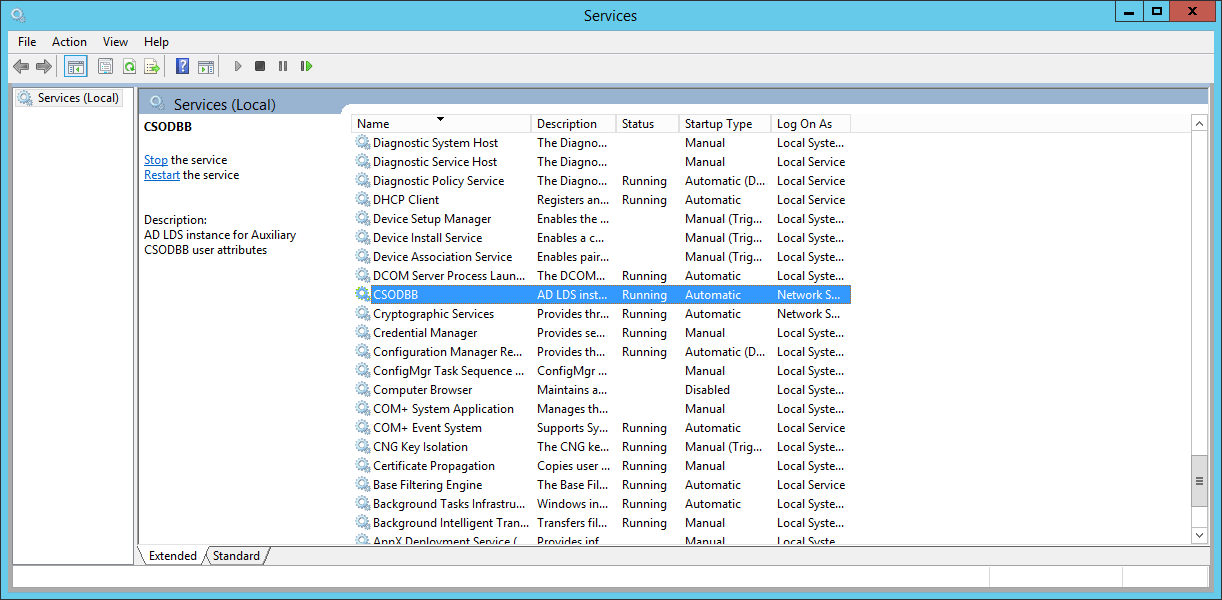
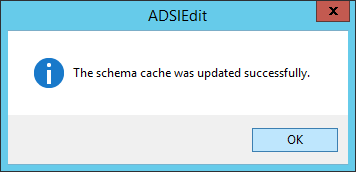
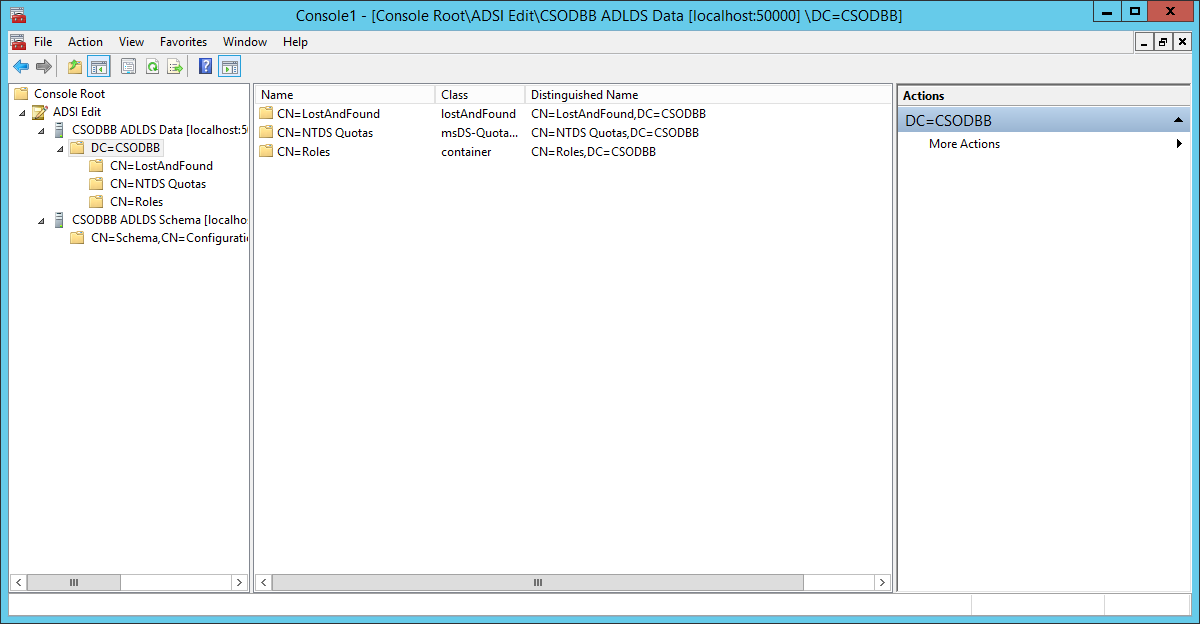
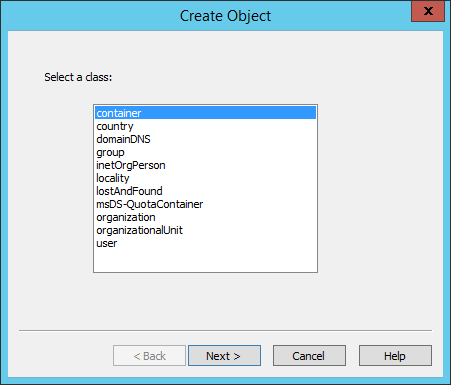
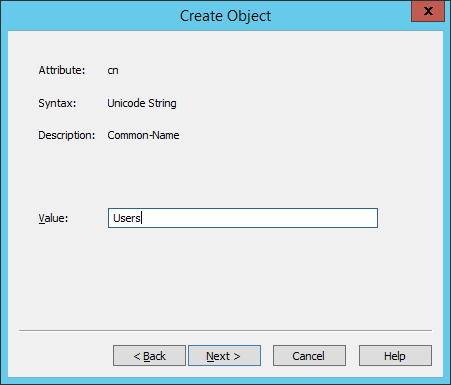
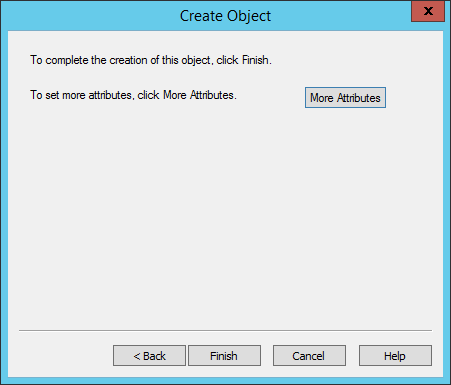
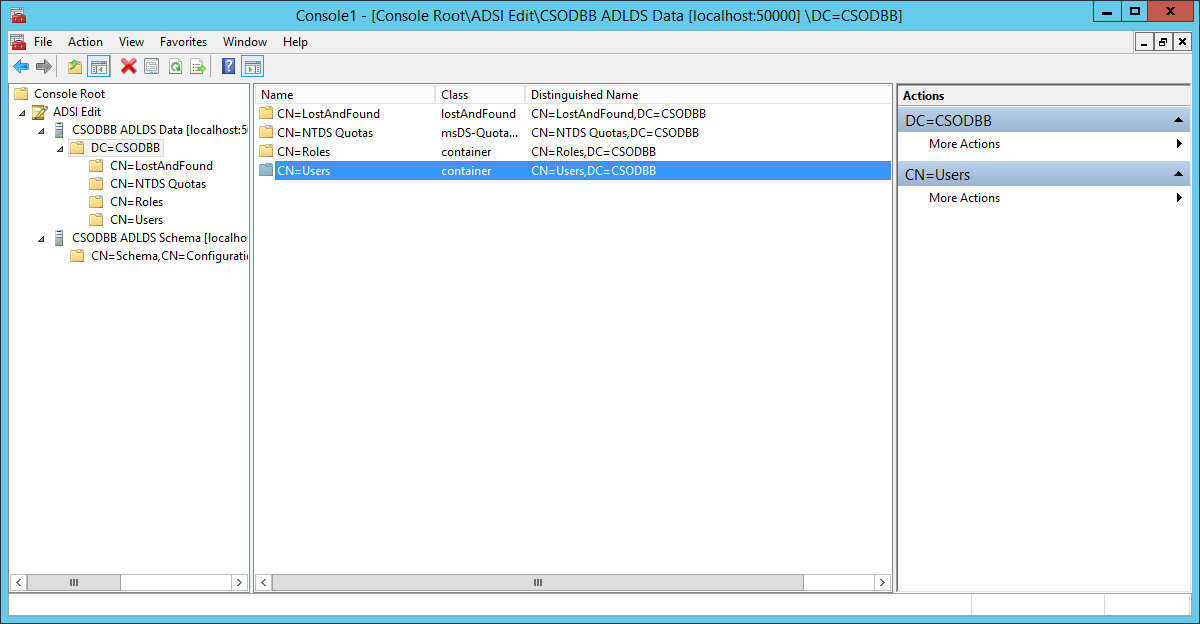
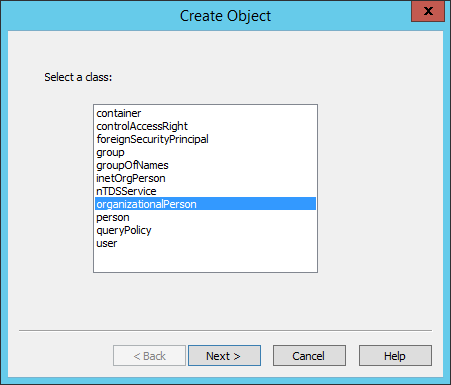
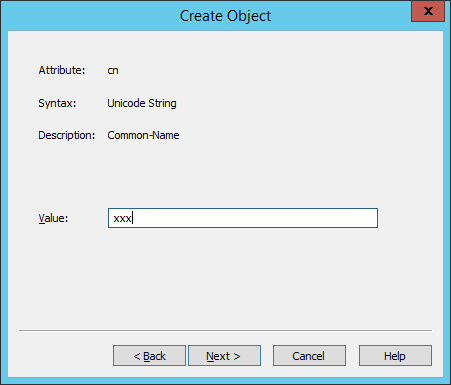
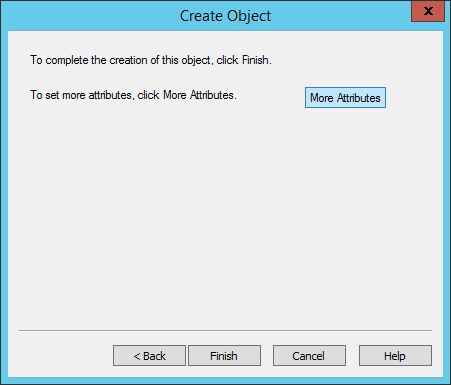
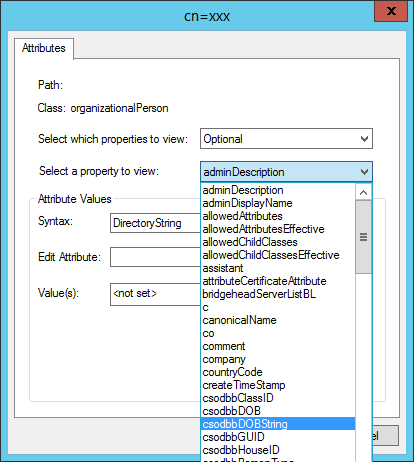
*Create the following application directory partition:*

*DC=CSODBB*

*Import these LDIF files:*

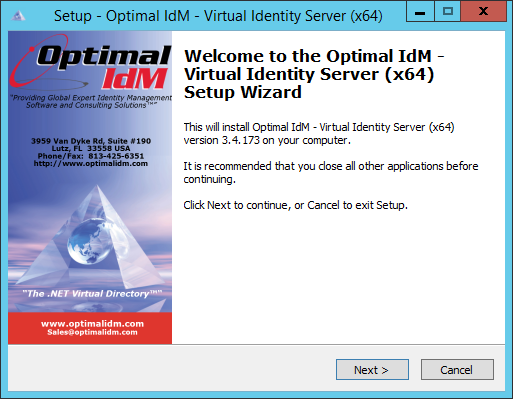
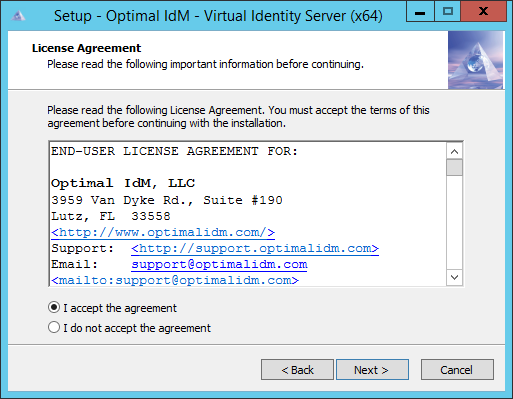
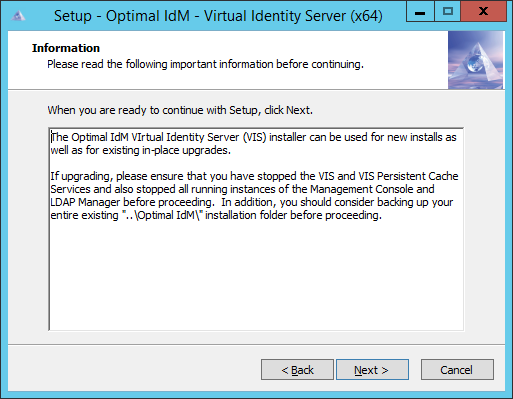
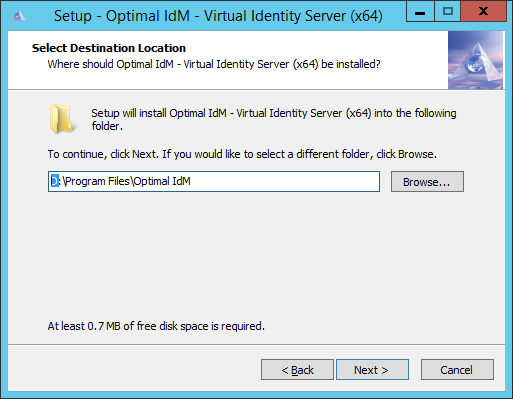
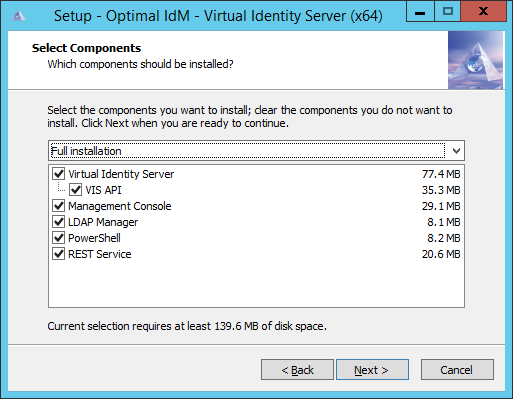
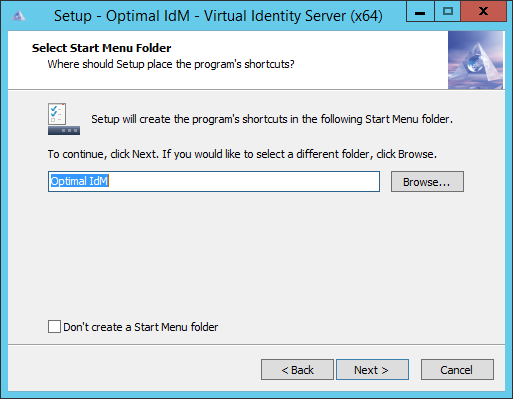
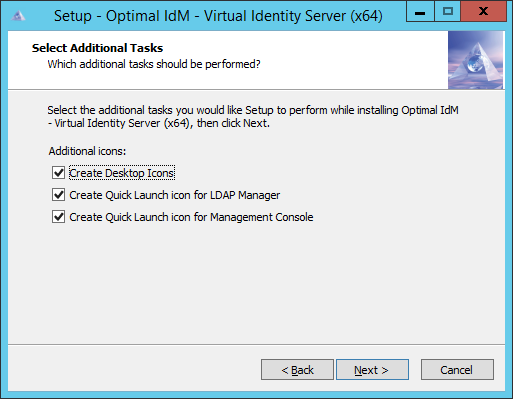
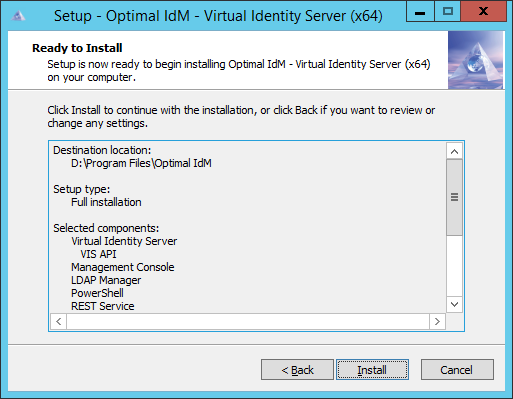
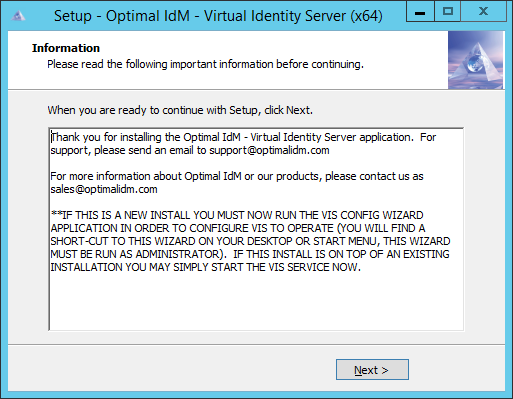
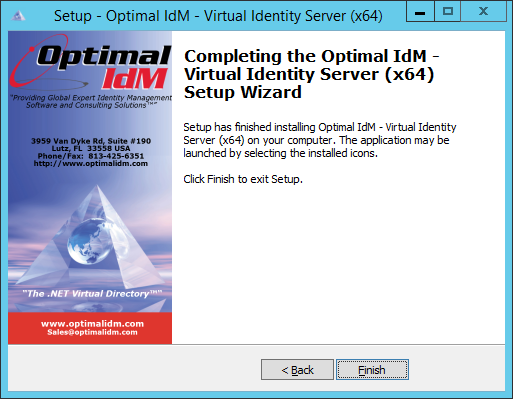
*csodbb-user.ldf*

*MS-InetOrgPerson.LDF*

1. Next>  
     
   
   1. Extend the ADLDS schema
2. From the Start/Run... menu type MMC (enter)
3. Add the ADSI snapin, and connect to the following:  
     
   
4. Locate "CN=Organizational-Person" under CN=Schema,... and select Properties  
   
5. Add the auxiliaryClass "csodbbOrganizationalPerson"  
     
   Add  
     
   OK
6. From the Services console, restart the CSODBB (ADLDS) service  
   
7. In the MMC console, select the CSODBB ADLDS Data entry and select "Update Schema Now"  
   
8. Select the DC=CSODBB node in this entry and expand  
   
9. Create a new container "CN=Users"  
     
     
   Next>  
     
   Next>  
     
   Finish  
   
   1. Validate the ADLDS schema
10. Start the process of creating a new organizationalPerson object (we won't commit this)  
    
11. Next>  
    
12. Next>  
    
13. More Attributes  
    
14. The above is to confirm that the csodbb\* (auxiliary class) attributes are visible in the dropdown list
15. Cancel x2

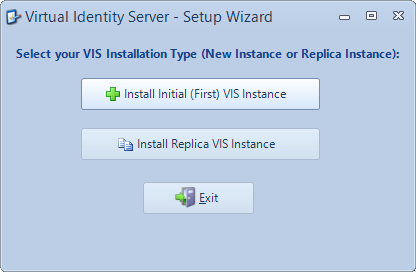
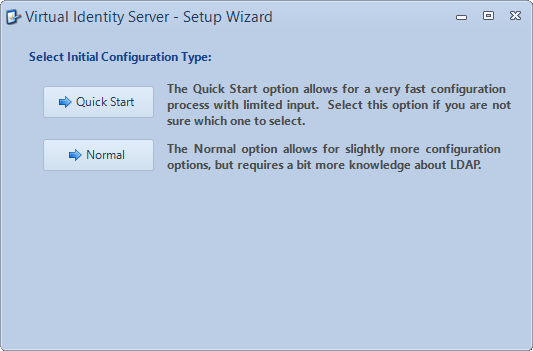
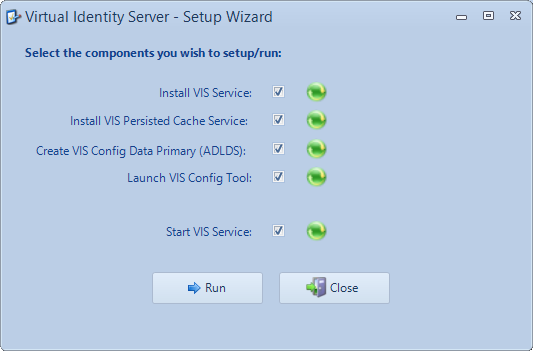
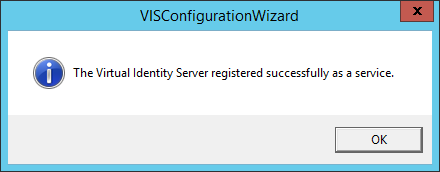
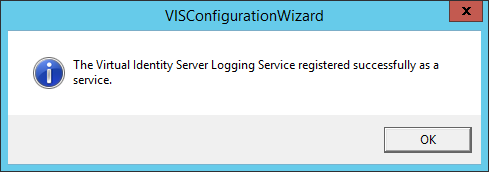
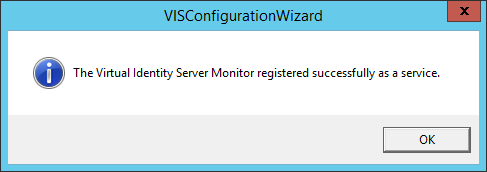
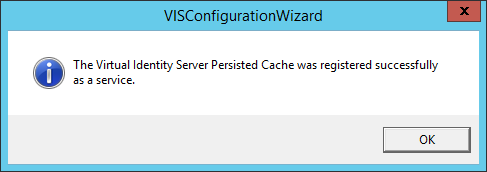
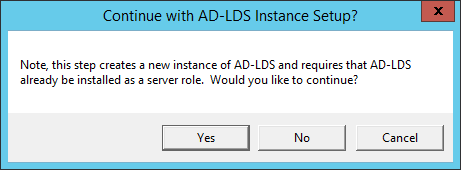
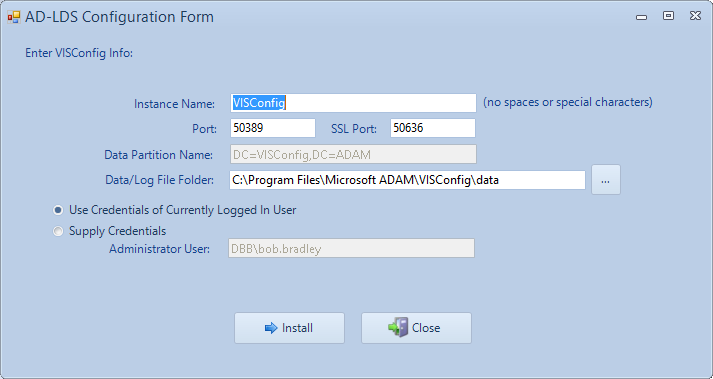
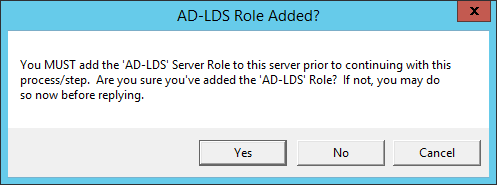
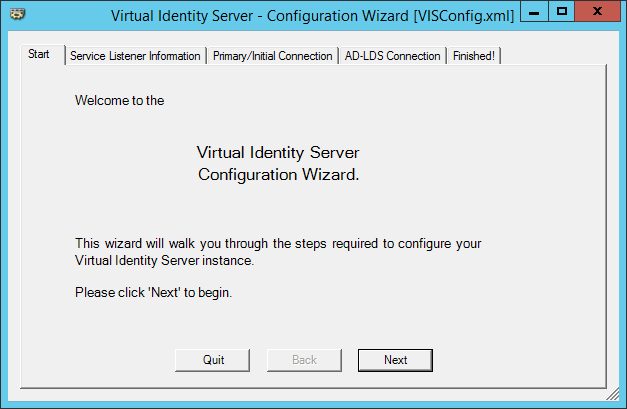
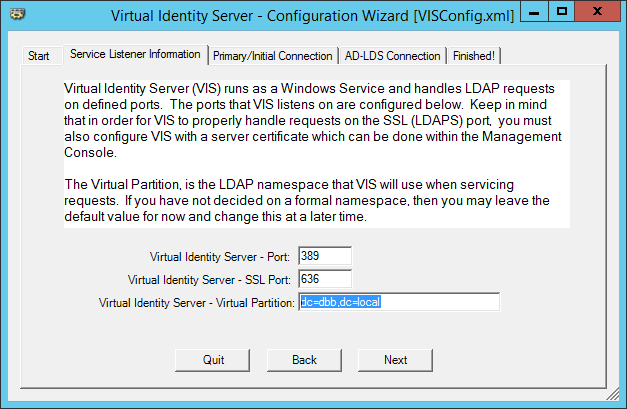
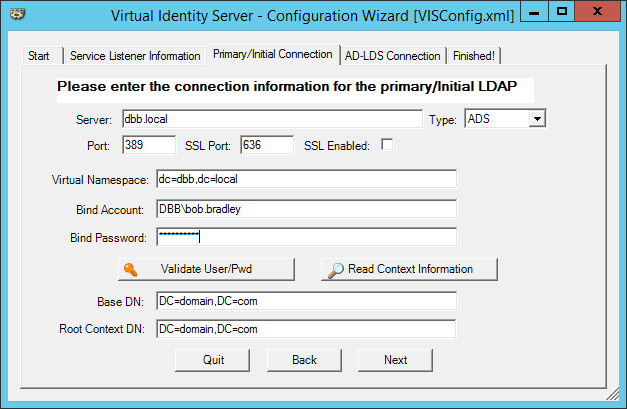
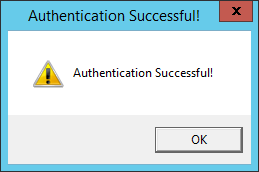
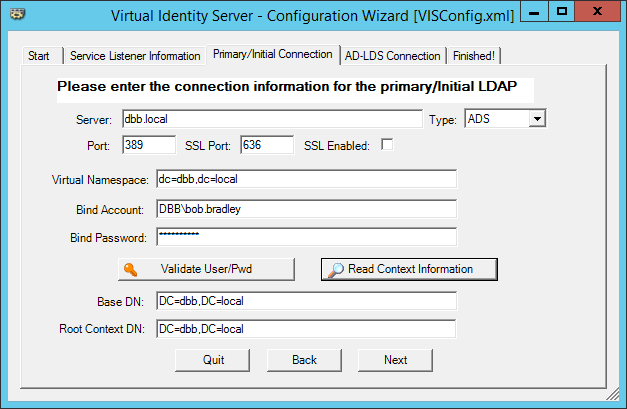
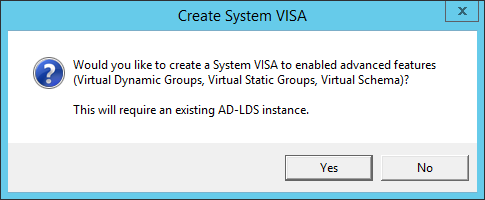
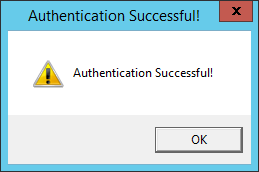
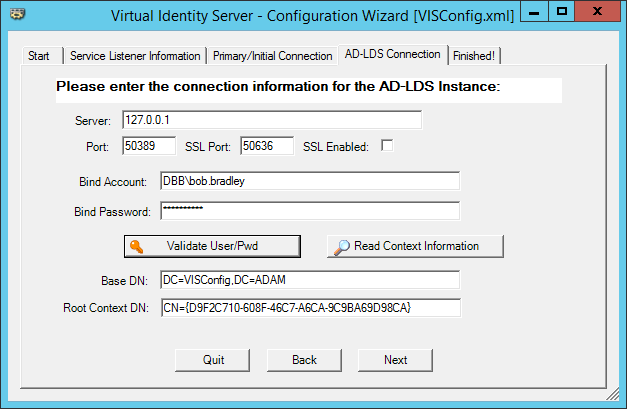
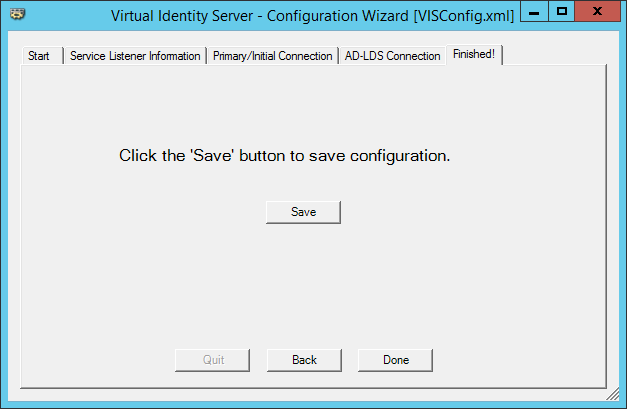
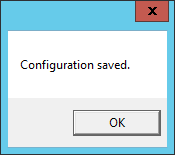
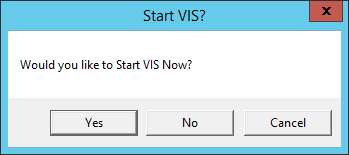
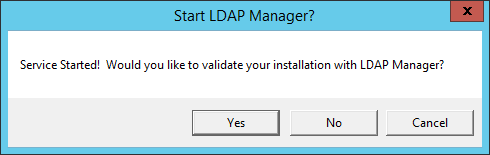
The ADLDS instance is now ready to be configured in both VIS and FIM

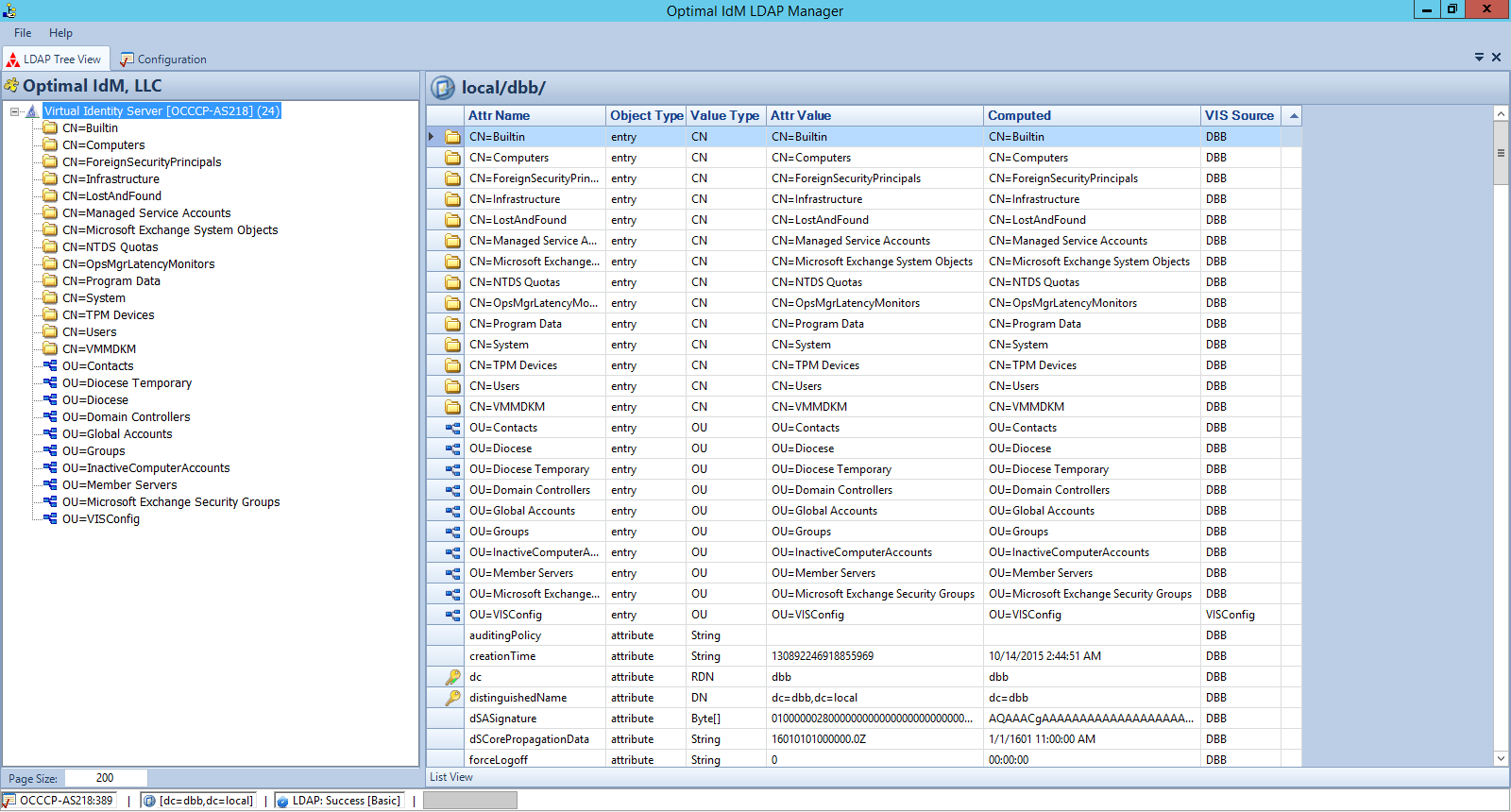
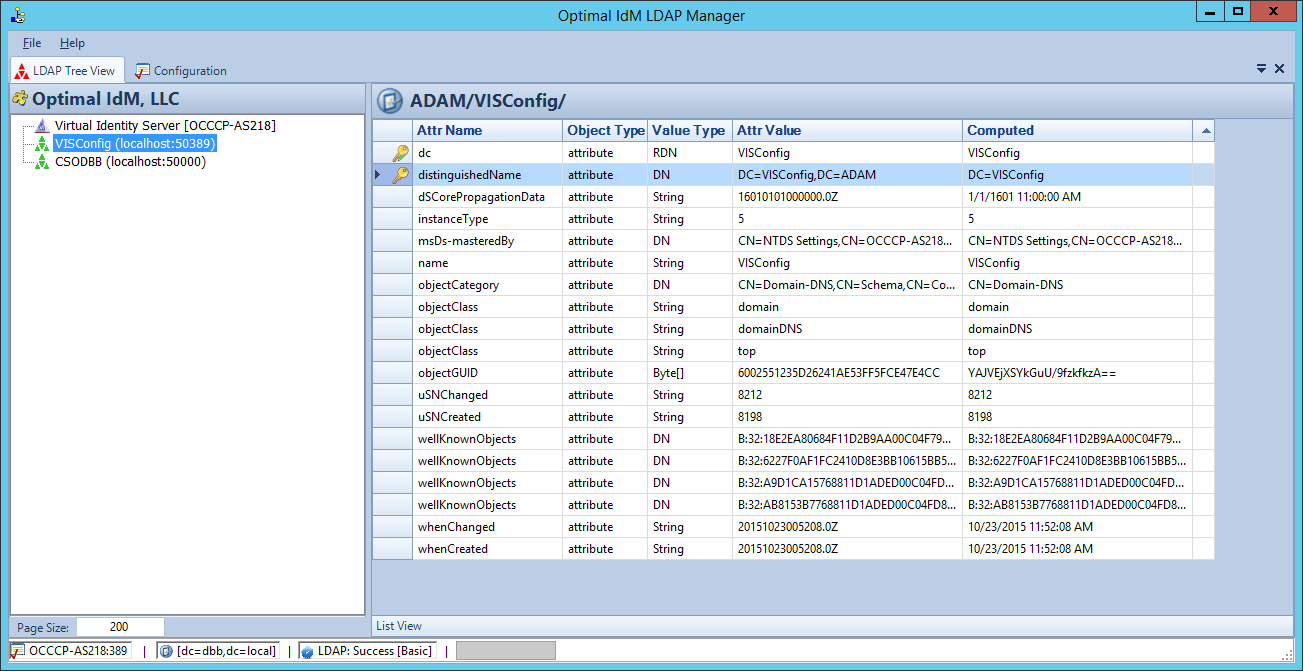
1. Install VIS version 3.4.173.0

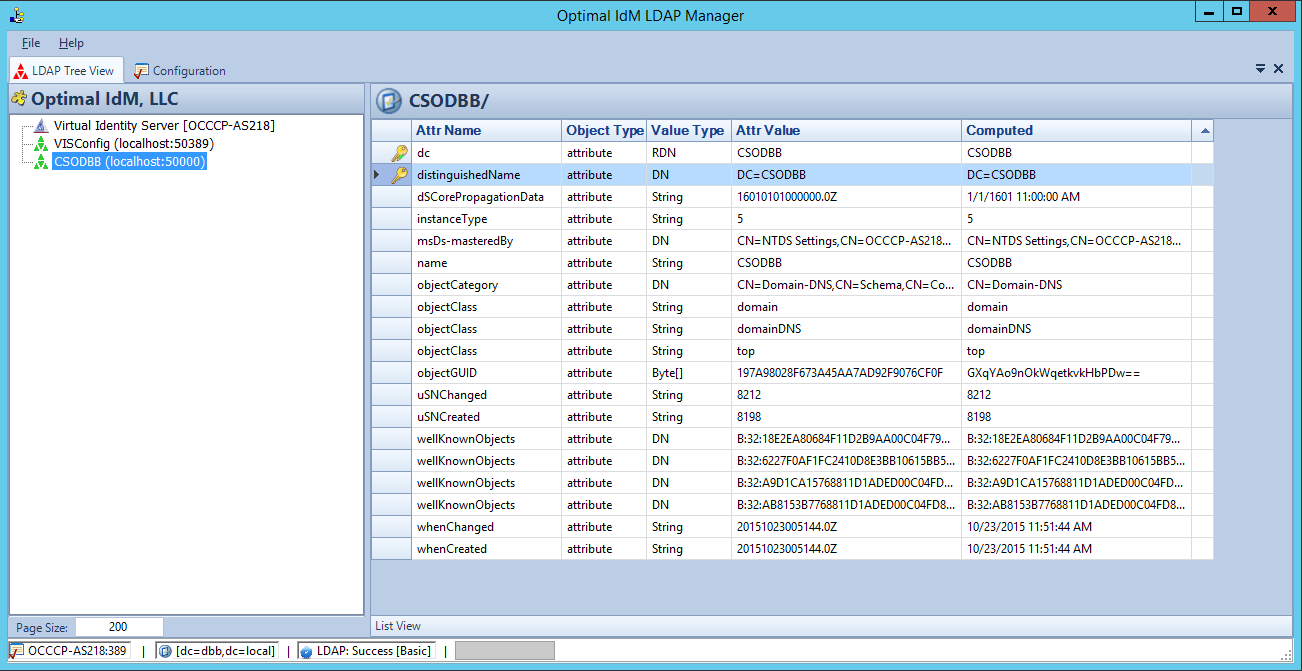
  
  
  
  
  
  
  
  
  


* 1. Apply patch VIS 3.4.183.0

Upgrade VIS to patch version 3.4.183.0

1. Stop the VIS service
2. Backup the contents of D:\Program Files\Optimal IdM\Virtual Identity Server\bin by zipping to bin.3.4.173.0.zip
3. Unzip contents of VIS 3.4.183.0 x64.zip to of D:\Program Files\Optimal IdM\Virtual Identity Server\bin
4. Restart the VIS service
5. Configure VIS Initial Instance
6. Select Initial Install:  
   
7. Select Normal:  
   
8. Select Run  
   
9. Click OK to each dialog prompt  
     
     
     
   
10. Click Yes to configure a new ADLDS instance for VISConfig  
    
11. Configure VISConfig (note - using my account - will add other admins as part of install)  
    
12. Click Install, then Yes  
      
    1. Perform first time config:
13. The following dialog will be displayed. Click Next  
    
14. Specify partition **dc=dbb,dc=local** on ports 389/636, click Next  
    
15. Specify initial connection details as per below, then click Next  
    
16. Validate User/Pwd  
    
17. Read Context Information, click Next  
    
18. Click Yes to create the System VISA  
    
19. Click OK  
    
20. Specify System VISA ADLDS connection details as per below, then click Next  
    
21. Click Save  
    
22. Click OK  
    
23. Click Yes to Start VIS  
    
24. Click Yes to validate the installation  
    
    1. Validate VIS installation via LDAP Manager

The following screenshot is displayed showing the default VIS configuration (pass-through to DBB.LOCAL AD)  
  
The following is displayed in the LDAP Manager when an ADLDS connection is configured for VISConfig:  


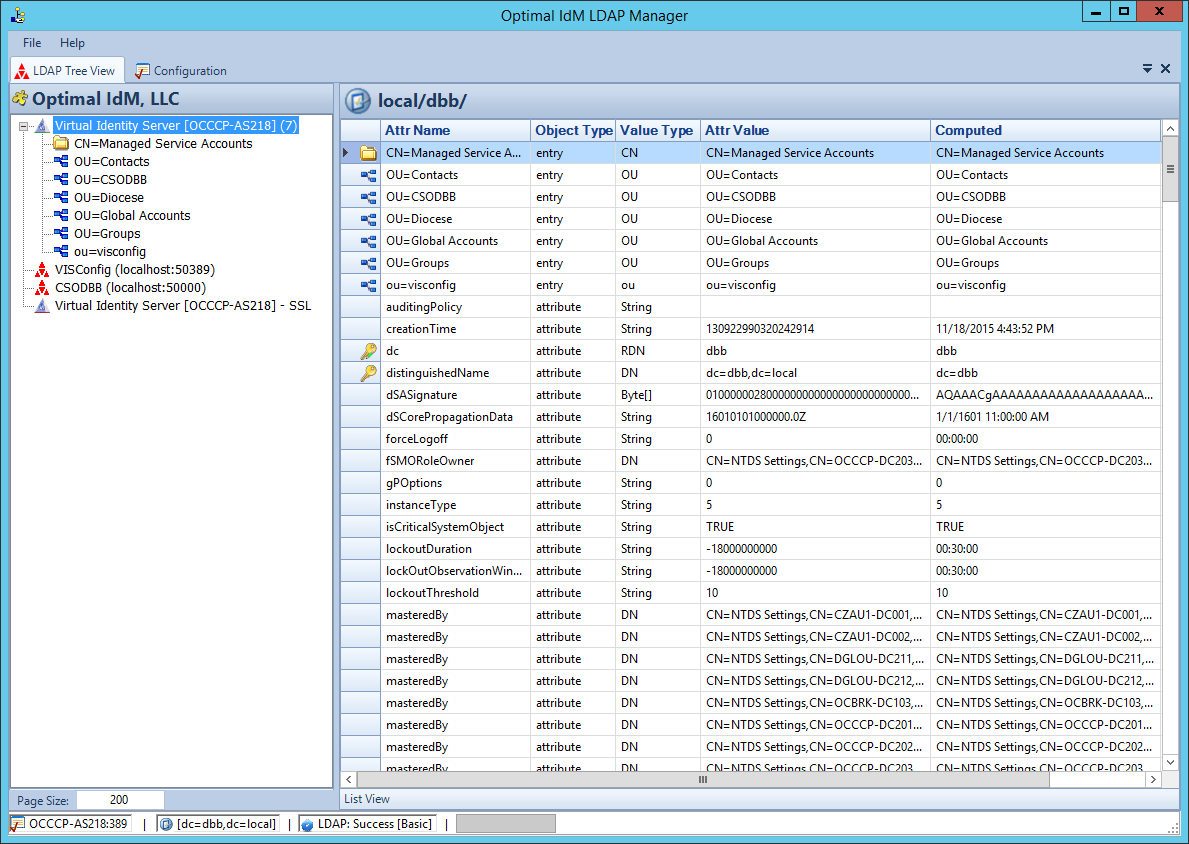
The following is displayed in the LDAP Manager when an ADLDS connection is configured for the CSODBB ADLDS Instance:  


1. Deploy the VIS configuration developed in the lab

Deploy VISConfig.xml from the LAB environment

1. Stop the VIS service
2. Rename D:\Program Files\Optimal IdM\Virtual Identity Server\config\VISConfig.xml to VISConfig.DBBOnly.xml
3. Deploy the version of VISConfig from the lab
4. Restart the VIS service
   1. Validate the deployment

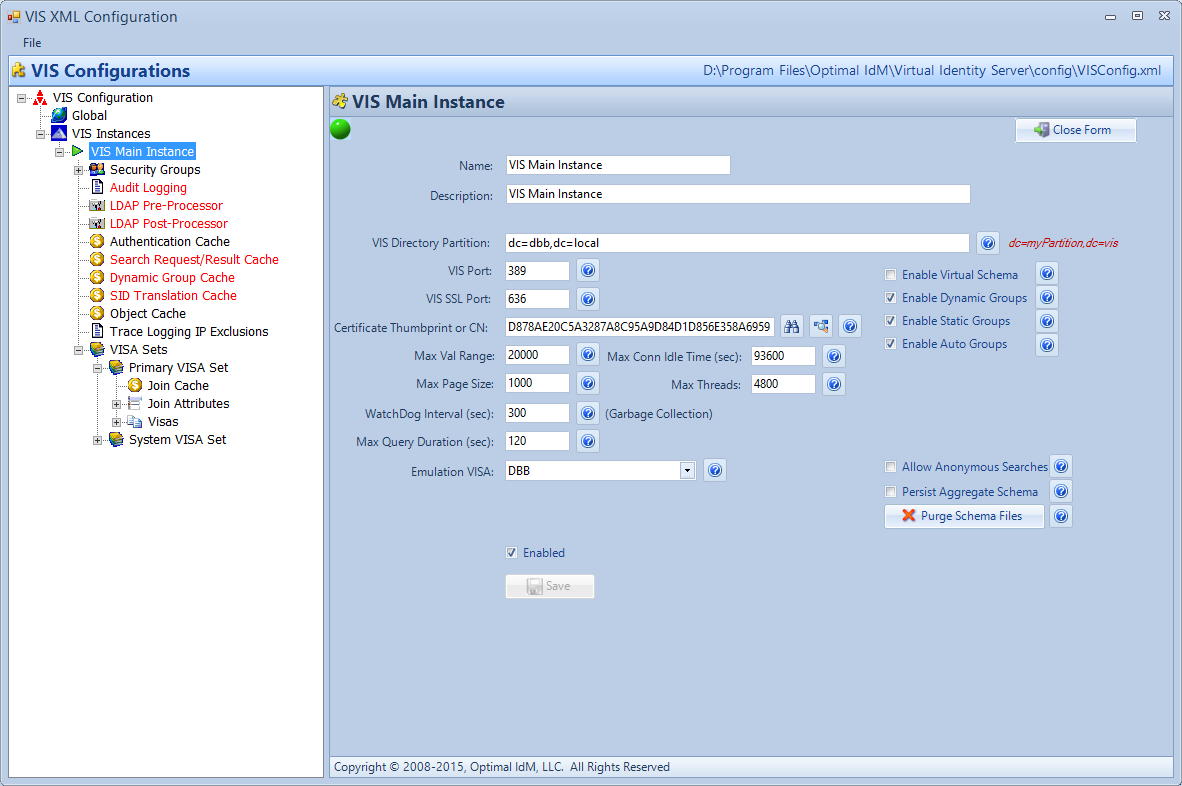
The following is displayed in the LDAP Manager when ***either*** an LDAP connection (port 389) or SLDAP connection (port 636) is configured for the VIS main Instance:



***Notes:***

1. The visible child OUs below DC=dbb,DC=local no longer include all from the default (DBB.LOCAL pass-through) configuration.
2. The OU=CSODBB child OU contains all objects from the CSODBB ADLDS (joined) VISA that DID NOT JOIN successfully (on sAMAccountName) to user accounts in the DBB.LOCAL domain.

The following is displayed in the Management Console for the deployed VIS configuration:



Appendix A: Generated VISConfig.html

The following is generated from the VISConfig.xml file via a PowerShell documentor script and XSLT stylesheet. Open VISConfig.2015-12-22.htm in a browser for fully navigable configuration details of the deployed VISConfig.xml file (as it appears in the VIS management console).

|  |  |
| --- | --- |
| **GLOBAL Main Section - GLOBAL.SETTINGS** | [**^Top**](#top) |
| |  |  | | --- | --- | | name | **GLOBAL.SETTINGS** | | description | **Global Settings** | | version | **3.2.0** | | encryptionKey | **hESzhI20SjWjhlxxxx5ESEDaOF8kNJSBh5lRw2ig58RJ5P9mlV/l7IYnfQOf5heg7/Z0n8zMph9zE6+7nVyj3Q==** | | encryptionAlgorithm | **AES2/CBC/PKCS#7** | |  |

|  |  |
| --- | --- |
| **VIS Main Section - VIS Main Instance** | [**^Top**](#top) |
| |  |  | | --- | --- | | name | **VIS Main Instance** | | description | **VIS Main Instance** | | serviceName | **VIS\_Service** | | directoryPartition | **dc=dbb, dc=local** | | enabled | **True** | | port | **389** | | sslPort | **636** | | certificateName |  | | maxValRange | **20000** | | maxPageSize | **1000** | | maxConnIdleTime | **93600** | | dynamicGroupsEnabled | **True** | | staticGroupsEnabled | **True** | | virtualSchemaEnabled | **False** | | autoGroupsEnabled | **True** | | watchDogInterval | **300** | | emulatingVisaId | [**DBB**](#Section:8bf7c7c0-b9a6-494f-bdc3-2c3aa2d) | | emulatingLdapSchemaFile |  | | emulatingLdapDsaFile |  | | emulatingLdapDLL |  | | emulatingLdapType | **ADS** | | anonymousSearchesEnabled | **False** | | maxThreads | **4800** | | maxQueryDuration | **120** | | persistAggregateSchema | **False** | | certificateThumbprint | **D878AE20C5A3287A8C95A9D84D1D856E358A6959** | | auditLogConnectionString |  | | staticGroupsConverted | **True** | |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | **AUTHENTICATION\_CACHE Sub Section - Authentication Cache** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **Authentication Cache** | | description | **This is a new Authentication Cache** | | cacheLifetime | **3600** | | enabled | **True** | | cacheType | **Memory** | | pollingInterval | **60** | | percentageOfMemory | **10** | |  | | |  | | --- | |  | |  | | - |  | | **DYNAMIC\_GROUP\_CACHE Sub Section - Dynamic Group Cache** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **Dynamic Group Cache** | | description | **Dynamic Group Cache** | | enabled | **False** | | cacheType | **Memory** | | cacheLifetime | **3600** | | percentageOfMemory | **5** | | pollingInterval | **300** | |  | | |  | | --- | |  | |  | | - |  | | **LOGGING Sub Section - Audit Logging** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **Audit Logging** | | description | **Audit Logging** | | logSetSize | **120** | | logSetDuration | **120** | | logRecoveryLocation | **..\Logging\\_Failed\_Logs\** | | dllName | **.\OptimalIdM.VIS.Logging.Loggers.DLL** | | className | **OptimalIdM.VIS.Logging.Loggers.SQLLogger** | | ext-SqlLoggerConnectionString | **Password=YOUR\_PASSWORD;User ID=YOUR\_USERID;Initial Catalog=Virtual Identity Server;Data Source=YOUR\_SQL\_SERVER\_HOSTNAME** | | ext-ConnectionRetryInterval | **120** | | auditAuditEnabled | **True** | | auditAuthNFailedEnabled | **True** | | auditAuthNSuccessEnabled | **True** | | auditConnectionsEnabled | **True** | | auditSearchesEnabled | **True** | | enabled | **False** | | ext-XmlLoggerFolder | **..\Logging\\_XML\_Logs\** | |  | | |  | | --- | |  | |  | | - |  | | **REQUEST\_CACHE Sub Section - Search Request/Result Cache** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **Search Request/Result Cache** | | description | **Search Request/Results Cache** | | cacheLifetime | **300** | | cacheType | **Memory** | | percentageOfMemory | **5** | | pollingInterval | **60** | | enabled | **False** | |  | | |  | | --- | |  | |  | | - |  | | **SID\_TRANSLATION\_CACHE Sub Section - SID Translation Cache** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **SID Translation Cache** | | description | **SID Translation Cache** | | enabled | **False** | | cacheLifetime | **3600** | | cacheType | **Memory** | | percentageOfMemory | **5** | | pollingInterval | **120** | |  | | |  | | --- | |  | |  | | - |  | | **VIS\_ADMIN\_GROUP Sub Section - VIS Admins Group** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **VIS Admins Group** | | description | **VIS Admins Group** | | enabled | **True** | | virtualDn | **cn=sg-visadminsgroup, cn=vis static groups, ou=optimalidm, ou=visconfig, dc=dbb, dc=local** | |  | | |  |  | | --- | --- | | **ASSOCIATED\_BIND\_PROFILE Sub Section - AD - Admin Rights** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **AD - Admin Rights** | | description | **AD - Admin Rights** | | enabled | **True** | | visaId | [**DBB**](#Section:8bf7c7c0-b9a6-494f-bdc3-2c3aa2d) | | bindProfileId | [**AD - Admin Rights**](#Section:98f503ce-d76f-4f57-9347-30285ec) | |  | | |  | | --- | |  | |  | | - |  | | **ASSOCIATED\_BIND\_PROFILE Sub Section - VISConfig - Admin Rights** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **VISConfig - Admin Rights** | | description | **VISConfig - Admin Rights** | | enabled | **True** | | visaId | [**VISConfig**](#Section:020edeaf-7620-4b15-97d5-dea2b63) | | bindProfileId | [**VISConfig - Admin Bind Profile**](#Section:c50051e1-1054-4d5d-a572-dac62f8) | |  | | |  | | --- | |  | |  | | - |  | | **ASSOCIATED\_BIND\_PROFILE Sub Section - CSODBB - Admin Rights** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **CSODBB - Admin Rights** | | description | **CSODBB - Admin Rights** | | visaId | [**CSODBB**](#Section:a641214b-e6d2-453d-9e36-3677085) | | bindProfileId | [**CSODBB Admin Bind Profile**](#Section:522b5465-e3e0-4bb8-b0bf-148880b) | | enabled | **True** | |  | | |  | | --- | |  | |  | |  | | - |  | | **VIS\_ADMIN\_GROUP Sub Section - VIS Readers Group** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **VIS Readers Group** | | description | **VIS Readers Group** | | enabled | **True** | | virtualDn | **cn=sg-visreadersgroup, cn=vis static groups, ou=optimalidm, ou=visconfig, dc=dbb, dc=local** | | anonymousSearchesEnabled | **False** | |  | | |  |  | | --- | --- | | **ASSOCIATED\_BIND\_PROFILE Sub Section - AD - Admin Rights** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **AD - Admin Rights** | | description | **AD - Admin Rights** | | bindProfileId | [**AD - Admin Rights**](#Section:98f503ce-d76f-4f57-9347-30285ec) | | visaId | [**DBB**](#Section:8bf7c7c0-b9a6-494f-bdc3-2c3aa2d) | | enabled | **True** | | filter |  | | includedAttributes |  | | excludedAttributes |  | | allowAdd | **False** | | allowCompare | **True** | | allowDelete | **False** | | allowExtendedRequest | **False** | | allowModify | **False** | | allowModifyDN | **False** | | allowSearch | **True** | |  | | |  | | --- | |  | |  | | - |  | | **ASSOCIATED\_BIND\_PROFILE Sub Section - CSODBB - Admin Rights** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **CSODBB - Admin Rights** | | description | **CSODBB - Admin Rights** | | visaId | [**CSODBB**](#Section:a641214b-e6d2-453d-9e36-3677085) | | bindProfileId | [**CSODBB Admin Bind Profile**](#Section:522b5465-e3e0-4bb8-b0bf-148880b) | | enabled | **True** | |  | | |  | | --- | |  | |  | |  | | - |  | | **VIS\_LDAP\_REQUEST\_POSTPROCESSORS Sub Section - VIS Post-Processor** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **VIS Post-Processor** | | description | **VIS Post-Processor** | | enabled | **False** | | addEnabled | **False** | | bindEnabled | **False** | | compareEnabled | **False** | | deleteEnabled | **False** | | modifyEnabled | **False** | | modifyDNEnabled | **False** | | searchEnabled | **True** | | postProcessorDllName | **e:\program files\optimal idm\virtual identity server\bin\OptimalIdM.VIS.DynamicPrePostProcessor.dll** | | postProcessorClassName | **OptimalIdM.VIS.DynamicPrePostProcessor.\_PostProcessorEx** | | codeFilePath | **E:\Program Files\Optimal IdM\Virtual Identity Server\Extensibility\DynamicPrePostProcessor\PrePostProcessorEx.cs** | | extendedRequestEnabled | **False** | |  | | |  | | --- | |  | |  | | - |  | | **VIS\_LDAP\_REQUEST\_PREPROCESSORS Sub Section - VIS Pre-Processor** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **VIS Pre-Processor** | | description | **VIS Pre-Processor** | | enabled | **False** | | addEnabled | **False** | | bindEnabled | **False** | | compareEnabled | **False** | | deleteEnabled | **False** | | modifyEnabled | **False** | | modifyDNEnabled | **False** | | searchEnabled | **False** | |  | | |  | | --- | |  | |  | | - |  | | **VISA\_SET Sub Section - Primary VISA Set** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **Primary VISA Set** | | description | **Primary VISA Set** | | enabled | **True** | |  | | |  |  | | --- | --- | | **JOIN\_ATTRIBUTE Sub Section - user Join Attribute** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **user Join Attribute** | | description | **user Join Attribute** | | objectClass | **user** | | enabled | **True** | |  | | |  |  | | --- | --- | | **ATTRIBUTE Sub Section - Join Attribute - DBB / sAMAccountName** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **Join Attribute - DBB / sAMAccountName** | | description | **Join Attribute - DBB / sAMAccountName** | | visaId | [**DBB**](#Section:8bf7c7c0-b9a6-494f-bdc3-2c3aa2d) | | attributeName | **sAMAccountName** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **ATTRIBUTE Sub Section - Join Attribute - CSODBB / adminDisplayName** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **Join Attribute - CSODBB / adminDisplayName** | | description | **Join Attribute - CSODBB / adminDisplayName** | | visaId | [**CSODBB**](#Section:a641214b-e6d2-453d-9e36-3677085) | | attributeName | **name** | | enabled | **True** | |  | | |  |  | | --- | --- | | **JOIN\_TO\_ATTRIBUTE Sub Section - Join From [CSODBB] to [DBB]** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **Join From [CSODBB] to [DBB]** | | description | **Join From [CSODBB] to [DBB]** | | enabled | **True** | | joinToAttributeId | **85936b87-187e-4609-9c23-a54df3a2d1ee** | |  | | |  | | --- | |  | |  | |  | |  | | - |  | | **JOIN\_CACHE Sub Section - Join Cache** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **Join Cache** | | description | **Join Cache** | | enabled | **True** | | cacheType | **Memory** | | cacheLifetime | **3600** | | percentageOfMemory | **5** | | pollingInterval | **300** | |  | | |  | | --- | |  | |  | | - |  | | **VISA Sub Section - DBB** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **DBB** | | description | **DBB** | | enabled | **True** | | virtualDn | **dc=dbb, dc=local** | | physicalDn | **DC=dbb, DC=local** | | physicalConfigurationDn | **DC=dbb, DC=local** | | searchOrder | **1** | | systemVisa | **False** | | ldapType | **ADS** | | filter |  | | className |  | | dllName |  | | flattenSearchResults | **False** | | schemaVisaId | [**DBB**](#Section:8bf7c7c0-b9a6-494f-bdc3-2c3aa2d) | | isCriticalVisa | **True** | | overrideVirtualAttributes | **False** | | overridePrecedentAttributes | **False** | | fspTranslationEnabled | **False** | | dnFormatAttributes |  | | domainNames | **DBB** | | upnSuffixes | **dbb.local** | | processTokenGroups | **False** | | allowPassthroughAuth | **False** | | excludedAttributes |  | |  | | |  |  | | --- | --- | | **BIND\_PROFILE Sub Section - AD - Admin Rights** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **AD - Admin Rights** | | description | **AD - Admin Rights** | | bindDn | **dbb\svcilm\_ma\_adlds** | | ENCRYPTED-bindPwd | **QAdaR787kEoRUzwFeqMvvcd+A9f4IRr1l/rR4VqKb3g=** | | ldapAuthNType | **Negotiate** | | initialConnectionPoolSize | **1** | | maxConnectionPoolSize | **10** | | adminProfile | **True** | | enabled | **True** | | databaseConnectionString |  | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - cn=computers,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **cn=computers, dc=dbb, dc=local** | | description | **cn=computers, dc=dbb, dc=local** | | virtualDn | **cn=computers, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - ou=diocese temporary,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **ou=diocese temporary, dc=dbb, dc=local** | | description | **ou=diocese temporary, dc=dbb, dc=local** | | virtualDn | **ou=diocese temporary, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - ou=domain controllers,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **ou=domain controllers, dc=dbb, dc=local** | | description | **ou=domain controllers, dc=dbb, dc=local** | | virtualDn | **ou=domain controllers, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - cn=foreignsecurityprincipals,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **cn=foreignsecurityprincipals, dc=dbb, dc=local** | | description | **cn=foreignsecurityprincipals, dc=dbb, dc=local** | | virtualDn | **cn=foreignsecurityprincipals, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - ou=inactivecomputeraccounts,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **ou=inactivecomputeraccounts, dc=dbb, dc=local** | | description | **ou=inactivecomputeraccounts, dc=dbb, dc=local** | | virtualDn | **ou=inactivecomputeraccounts, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - ou=member servers,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **ou=member servers, dc=dbb, dc=local** | | description | **ou=member servers, dc=dbb, dc=local** | | virtualDn | **ou=member servers, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - ou=microsoft exchange security groups,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **ou=microsoft exchange security groups, dc=dbb, dc=local** | | description | **ou=microsoft exchange security groups, dc=dbb, dc=local** | | virtualDn | **ou=microsoft exchange security groups, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - cn=microsoft exchange system objects,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **cn=microsoft exchange system objects, dc=dbb, dc=local** | | description | **cn=microsoft exchange system objects, dc=dbb, dc=local** | | virtualDn | **cn=microsoft exchange system objects, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - cn=opsmgrlatencymonitors,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **cn=opsmgrlatencymonitors, dc=dbb, dc=local** | | description | **cn=opsmgrlatencymonitors, dc=dbb, dc=local** | | virtualDn | **cn=opsmgrlatencymonitors, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - cn=program data,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **cn=program data, dc=dbb, dc=local** | | description | **cn=program data, dc=dbb, dc=local** | | virtualDn | **cn=program data, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - cn=system,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **cn=system, dc=dbb, dc=local** | | description | **cn=system, dc=dbb, dc=local** | | virtualDn | **cn=system, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - cn=users,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **cn=users, dc=dbb, dc=local** | | description | **cn=users, dc=dbb, dc=local** | | virtualDn | **cn=users, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - cn=vmmdkm,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **cn=vmmdkm, dc=dbb, dc=local** | | description | **cn=vmmdkm, dc=dbb, dc=local** | | virtualDn | **cn=vmmdkm, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - CN=LostAndFound,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **CN=LostAndFound, dc=dbb, dc=local** | | description | **CN=LostAndFound, dc=dbb, dc=local** | | virtualDn | **CN=LostAndFound, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - CN=TPM Devices,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **CN=TPM Devices, dc=dbb, dc=local** | | description | **CN=TPM Devices, dc=dbb, dc=local** | | virtualDn | **CN=TPM Devices, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - CN=Builtin,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **CN=Builtin, dc=dbb, dc=local** | | description | **CN=Builtin, dc=dbb, dc=local** | | virtualDn | **CN=Builtin, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - CN=Infrastructure,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **CN=Infrastructure, dc=dbb, dc=local** | | description | **CN=Infrastructure, dc=dbb, dc=local** | | virtualDn | **CN=Infrastructure, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **EXCLUDED\_SEARCHBASE Sub Section - CN=NTDS Quotas,dc=dbb,dc=local** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **CN=NTDS Quotas, dc=dbb, dc=local** | | description | **CN=NTDS Quotas, dc=dbb, dc=local** | | virtualDn | **CN=NTDS Quotas, dc=dbb, dc=local** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **VISA\_CONNECTION Sub Section - AD CONN 1** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **AD CONN 1** | | description | **AD CONN 1** | | enabled | **True** | | host | **dbb.local** | | port | **389** | | sslPort | **636** | | connectionOrder | **1** | | sslEnabled | **False** | | timeOut | **30** | | className |  | | dllName |  | |  | | |  | | --- | |  | |  | | - |  | | **VISA\_CONNECTION Sub Section - AD CONN 2** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **AD CONN 2** | | description | **AD CONN 2** | | className |  | | connectionOrder | **2** | | dllName |  | | sslEnabled | **False** | | enabled | **True** | | timeOut | **10** | | host | **dbb.local** | | port | **389** | | sslPort | **636** | |  | | |  | | --- | |  | |  | |  | | - |  | | **VISA Sub Section - CSODBB** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **CSODBB** | | description | **CSODBB** | | ldapType | **ADAM** | | searchOrder | **2** | | dllName |  | | className |  | | virtualDn | **OU=CSODBB, dc=dbb, dc=local** | | filter |  | | systemVisa | **False** | | enabled | **True** | | schemaVisaId | [**CSODBB**](#Section:a641214b-e6d2-453d-9e36-3677085) | | processTokenGroups | **False** | | flattenSearchResults | **False** | | isCriticalVisa | **True** | | overridePrecedentAttributes | **False** | | overrideVirtualAttributes | **False** | | fspTranslationEnabled | **False** | | allowPassthroughAuth | **False** | | domainNames |  | | upnSuffixes |  | | physicalDn | **DC=CSODBB** | | physicalConfigurationDn | **CN={B1429D8F-ADC2-437D-A339-A5992D8F55A2}** | | excludedAttributes |  | |  | | |  |  | | --- | --- | | **ATTRIBUTE\_MAPPING Sub Section - DOB Attribute Mapping** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **DOB Attribute Mapping** | | description | **DOB Attribute Mapping** | | objectClass | **user** | | physicalAttributeName | **csodbbDOBString** | | virtualAttributeName | **DOB** | | enabled | **True** | | schemaOID |  | |  | | |  | | --- | |  | |  | | - |  | | **ATTRIBUTE\_MAPPING Sub Section - sex Attribute Mapping** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **sex Attribute Mapping** | | description | **sex Attribute Mapping** | | objectClass | **user** | | physicalAttributeName | **csodbbSex** | | virtualAttributeName | **sex** | | enabled | **True** | | schemaOID |  | |  | | |  | | --- | |  | |  | | - |  | | **ATTRIBUTE\_MAPPING Sub Section - csodbbDOBString Attribute Mapping** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **csodbbDOBString Attribute Mapping** | | description | **csodbbDOBString Attribute Mapping** | | objectClass | **user** | | physicalAttributeName | **csodbbDOBString** | | virtualAttributeName | **csodbbDOBString** | | enabled | **True** | | schemaOID |  | |  | | |  | | --- | |  | |  | | - |  | | **ATTRIBUTE\_MAPPING Sub Section - csodbbSex Attribute Mapping** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **csodbbSex Attribute Mapping** | | description | **csodbbSex Attribute Mapping** | | objectClass | **user** | | physicalAttributeName | **csodbbSex** | | virtualAttributeName | **csodbbSex** | | enabled | **True** | | schemaOID |  | |  | | |  | | --- | |  | |  | | - |  | | **ATTRIBUTE\_PRECEDENCE Sub Section - DOB Attribute Precedence** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **DOB Attribute Precedence** | | description | **DOB Attribute Precedence** | | objectClass | **user** | | attributeName | **DOB** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **ATTRIBUTE\_PRECEDENCE Sub Section - sex Attribute Precedence** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **sex Attribute Precedence** | | description | **sex Attribute Precedence** | | objectClass | **user** | | attributeName | **sex** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **BIND\_PROFILE Sub Section - CSODBB Admin Bind Profile** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **CSODBB Admin Bind Profile** | | description | **CSODBB Admin Bind Profile** | | bindDn | **dbb\svcilm\_ma\_adlds** | | ENCRYPTED-bindPwd | **dOm7mlZcIDBCiHbgDyAeBiRqqk2nDJvYJMC1hpqC8Nc=** | | ldapAuthNType | **Negotiate** | | initialConnectionPoolSize | **2** | | maxConnectionPoolSize | **10** | | adminProfile | **True** | | defaultProfile | **True** | | enabled | **True** | | databaseConnectionString |  | |  | | |  | | --- | |  | |  | | - |  | | **VISA\_CONNECTION Sub Section - CSODBB Connection** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **CSODBB Connection** | | description | **CSODBB Connection** | | dllName |  | | connectionOrder | **1** | | host | **127.0.0.1** | | port | **50000** | | sslPort | **50001** | | sslEnabled | **False** | | enabled | **True** | | className |  | |  | | |  | | --- | |  | |  | | - |  | | **VISA\_CONNECTION Sub Section - CSODBB VISA Connection** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **CSODBB VISA Connection** | | description | **CSODBB VISA Connection** | | className |  | | connectionOrder | **2** | | dllName |  | | sslEnabled | **False** | | enabled | **True** | | timeOut | **10** | | host | **OCCCP-AS034.dbb.local** | | port | **50000** | | sslPort | **50001** | |  | | |  | | --- | |  | |  | |  | |  | | - |  | | **VISA\_SET Sub Section - System VISA Set** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **System VISA Set** | | description | **System VISA Set** | | enabled | **True** | |  | | |  |  | | --- | --- | | **JOIN\_CACHE Sub Section - Join Cache** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **Join Cache** | | description | **Join Cache** | | enabled | **False** | | cacheType | **Memory** | | cacheLifetime | **3600** | | percentageOfMemory | **5** | | pollingInterval | **300** | |  | | |  | | --- | |  | |  | | - |  | | **VISA Sub Section - VISConfig** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **VISConfig** | | description | **VISConfig** | | enabled | **True** | | virtualDn | **ou=visconfig, dc=dbb, dc=local** | | physicalDn | **DC=VISConfig, DC=ADAM** | | physicalConfigurationDn | **CN={D9F2C710-608F-46C7-A6CA-9C9BA69D98CA}** | | searchOrder | **2** | | systemVisa | **True** | | ldapType | **ADAM** | | filter |  | | className |  | | dllName |  | | flattenSearchResults | **False** | | schemaVisaId | [**VISConfig**](#Section:020edeaf-7620-4b15-97d5-dea2b63) | | isCriticalVisa | **True** | | overrideVirtualAttributes | **False** | | overridePrecedentAttributes | **False** | | fspTranslationEnabled | **False** | | dnFormatAttributes | **vis-dynGroupSearchBase, vis-virtualDn, vis-member, vis-JoinedObjects, vis-owner** | | processTokenGroups | **False** | | allowPassthroughAuth | **False** | | excludedAttributes |  | |  | | |  |  | | --- | --- | | **BIND\_PROFILE Sub Section - VISConfig - Admin Bind Profile** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **VISConfig - Admin Bind Profile** | | description | **VISConfig - Admin Bind Profile** | | bindDn | **dbb\svcilm\_ma\_adlds** | | ENCRYPTED-bindPwd | **JXmI5oXIVNkJcFMm3SkvIKtNgvFLTaYHZWr4HXirxeE=** | | ldapAuthNType | **Negotiate** | | initialConnectionPoolSize | **1** | | maxConnectionPoolSize | **10** | | adminProfile | **True** | | enabled | **True** | | databaseConnectionString |  | |  | | |  | | --- | |  | |  | | - |  | | **DN\_FORMAT\_ATTRIBUTE Sub Section - vis-dynGroupSearchBase DN Attribute** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **vis-dynGroupSearchBase DN Attribute** | | description | **vis-dynGroupSearchBase DN Attribute** | | attributeName | **vis-dynGroupSearchBase** | | referentialIntegrityEnabled | **True** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **DN\_FORMAT\_ATTRIBUTE Sub Section - vis-member DN Attribute** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **vis-member DN Attribute** | | description | **vis-member DN Attribute** | | attributeName | **vis-member** | | referentialIntegrityEnabled | **True** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **DN\_FORMAT\_ATTRIBUTE Sub Section - vis-JoinedObjects DN Attribute** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **vis-JoinedObjects DN Attribute** | | description | **vis-JoinedObjects DN Attribute** | | attributeName | **vis-JoinedObjects** | | referentialIntegrityEnabled | **True** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **DN\_FORMAT\_ATTRIBUTE Sub Section - vis-owner DN Attribute** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **vis-owner DN Attribute** | | description | **vis-owner DN Attribute** | | attributeName | **vis-owner** | | referentialIntegrityEnabled | **True** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **DN\_FORMAT\_ATTRIBUTE Sub Section - vis-delAdminOf DN Attribute** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **vis-delAdminOf DN Attribute** | | description | **vis-delAdminOf DN Attribute** | | attributeName | **vis-delAdminOf** | | referentialIntegrityEnabled | **True** | | enabled | **True** | |  | | |  | | --- | |  | |  | | - |  | | **VISA\_CONNECTION Sub Section - System VISA Connection 1** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **System VISA Connection 1** | | description | **System VISA Connection 1** | | enabled | **True** | | host | **127.0.0.1** | | port | **50389** | | sslPort | **50636** | | connectionOrder | **1** | | sslEnabled | **False** | | timeOut | **30** | | className |  | | dllName |  | |  | | |  | | --- | |  | |  | | - |  | | **VISA\_CONNECTION Sub Section - System VISA Connection 2** | [**^Top**](#top) | | |  |  | | --- | --- | | name | **System VISA Connection 2** | | description | **System VISA Connection 2** | | enabled | **True** | | host | **127.0.0.1** | | port | **50389** | | sslPort | **50636** | | connectionOrder | **2** | | sslEnabled | **False** | | timeOut | **30** | | className |  | | dllName |  | |  | | |  | | --- | |  | |  | |  | |  | |