



AN-141

LDAP User Import Configuration in Protege GX

Application Note



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Protege GX User Import LDAP Integration

Active Directory (LDAP) integration is a licensed feature that enables you to leverage off the user data already contained in your Microsoft Windows Domain to create and maintain Protege GX users.

This integration works by importing Active Directory users into a site based on their defined Active Directory group, and synchronize them every ten minutes. Once licensed, this feature allows an unlimited number of Active Directory users.

This application note describes how to enable the user import within the Protege GX software. It does not include instruction for:

- Setting up an LDAP server.
- Security configuration.

Refer to Related Documents for additional configuration and background information.

Related Documents

- RFC4510: Lightweight Directory Access Protocol (LDAP): Technical Specification Road Map
- RFC4514: Lightweight Directory Access Protocol (LDAP): String Representation of Distinguished Names
- RFC4515: String Representation of LDAP Search Filters
- Open LDAP: <http://openldap.org>

Supported Versions

Software	Supported Versions
Protege GX Software	Version 3.0.42.X or higher
Active Directory	Microsoft's Active Directory Server 2003 or higher

Prerequisites

Before you begin the setup, ensure that you have met the following requirements:

- A functional LDAP server such as OpenLDAP or Microsoft's Active Directory Server 2003 or higher.

This application note is based on a Microsoft AD Server 2008 implementation.

- An existing Protege GX system running a supported version.
- An Active Directory User Integration License, applied to the Protege GX server SSN.
(Ordering code: PRT-GX-AD-USR)

Configuring LDAP within Protege GX

To begin using LDAP import, you need to enable the feature in Protege GX and set up the configuration that allows the server to find the users to import.

1. Navigate to **Global | Sites** and select the **Active Directory** tab.
2. Enable the **Import Users from Active Directory** option.
3. Enter the **Active Directory Domain** name.
4. Enter the **Windows Group** used as the filter for the user import.
5. If required, select the **Disable GX Users if AD Users are Disabled**.
This disables user access if the Active Directory account is disabled
6. Click **Save**.

The user import automatically syncs every 1-10 minutes.

Users update based on the *Windows Group* membership. New imports do not overwrite any of the configured parameters such as the card number or access of the user. Once a user has been imported, you can make bulk changes to the user record.

Authentication

Authentication of the Protege GX Data Service must be enabled to allow the LDAP or AD search to occur so that the server can import the details. The security configuration is beyond the scope of this document and should be referred to the network administrator.

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