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## Prerequisites for This Integration

Before you perform any of the configuration described in this chapter, do the following:

- Purchase a supported LDAP directory server.
- Install and configure the LDAP server following the instructions in the product documentation.

For information about supported LDAP directory servers for Cisco Unified Communications Manager and Cisco Unified Personal Communicator, see the specific product documentation in the Related Topics.

### Related Topics

- Cisco Unified Personal Communicator release notes:

[http://www.cisco.com/en/US/products/ps6844/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/ps6844/prod_release_notes_list.html)

- *Cisco Unified Communications Manager System Guide:*

[http://www.cisco.com/en/US/products/sw/voicesw/ps556/prod\\_maintenance\\_guides\\_list.html](http://www.cisco.com/en/US/products/sw/voicesw/ps556/prod_maintenance_guides_list.html)

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## LDAP Integrations

You can configure a corporate LDAP directory in this integration to satisfy a number of different requirements:

- **User provisioning:** You can provision users automatically from the LDAP directory into the Cisco Unified Communications Manager database. Cisco Unified Communications Manager synchronizes with the LDAP directory content so you avoid having to add, remove, or modify user information manually each time a change occurs in the LDAP directory.
- **User authentication:** You can authenticate users using the LDAP directory credentials. Cisco Unified Presence synchronizes all the user information from Cisco Unified Communications Manager to provide authentication for users of the Cisco Unified Personal Communicator client and Cisco Unified Presence user interface.
- **User lookup:** You can enable LDAP directory lookups to allow Cisco Unified Personal Communicator client users to search and add contacts from the LDAP directory.

As the scope of the LDAP integration is dependent on customer requirements and it can vary between companies, there are a number of potential LDAP integration scenarios:

1. Cisco Unified Communications Manager and Cisco Unified Personal Communicator are both integrated with an LDAP directory. We strongly recommend this configuration.
2. Cisco Unified Communications Manager is integrated with an LDAP directory, but Cisco Unified Personal Communicator is not. We do not recommend this configuration because it will impact Cisco Unified Personal Communicator functionality and you will experience performance issues.
3. Cisco Unified Personal Communicator is integrated with an LDAP directory, but Cisco Unified Communications Manager is not. We do not recommend this configuration because you will have to manually configure all your users on Cisco Unified Communications Manager at initial installation, and each time a change is made on the LDAP directory.

**Note:** If you have configured the scenario where Cisco Unified Personal Communicator is integrated with an LDAP directory, but Cisco Unified Communications Manager is not, the user ID value that you manually configure for a user on Cisco Unified Communications Manager *must* match the LDAP user ID value for that user.

### Related Topics

- [How to Integrate the LDAP Directory with Cisco Unified Communications Manager](#)
- [How to Integrate the LDAP Directory with Cisco Unified Personal Communicator](#)
- [Getting More Information](#)