

Cisco CallManager 5.x and 6.x: Active Directory LDAP Authentication Fails with Distinguished Name

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Introduction

During an attempt to integrate Active Directory (AD) Lightweight Directory Access Protocol (LDAP) connection in Cisco CallManager 5.x and 6.x, the LDAP authentication fails with the Login Failure to Host ldap://<Ip Address:port no>, Please Re-Enter LDAP Manager Distinguished Name and Password error message. This document provides information on how to troubleshoot this issue.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

This document is not restricted to specific software and hardware versions.

The information in this document is based on these software and hardware versions:

- Cisco CallManager 5.x and 6x
- Microsoft Active Directory

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.

Background Information

Before you troubleshoot the issue, check this in the Cisco CallManager server:

- Choose **Cisco Unified OS administration > Services > Ping**, and make sure you can ping your AD server.
- Choose **System > LDAP > LDAP System**, and make sure that **Enable Synchronizing from LDAP Server** is checked and the value for LDAP Server Type is **Microsoft Active Directory**.

Problem

When you try to set up the Active Directory (AD) LDAP in Cisco CallManager server with the LDAP Directory option, LDAP authentication fails with the Login Failure to Host ldap://<IpAddress>:port no>, Please Re-Enter LDAP Manager Distinguished Name and Password error message.

Solution

This issue occurs when you use the incorrect **LDAP Manager Distinguished Name** in the LDAP Directory configuration.

- Make sure that the **LDAP Manager Distinguished Name** contains the complete canonical name. For example, `-cn=Administrator,ou=Static Domain Users,dc=static,dc=ciscoas,dc=ad`. Refer to <http://msdn2.microsoft.com/en-us/library/aa366101.aspx> for more information and guidelines on how to configure the Distinguished Names.

The screenshot shows the Cisco Unified CallManager Administration web interface. The page title is "Cisco Unified CallManager Administration" and it includes a navigation bar with options like System, Call Routing, Media Resources, Voice Mail, Device, Application, User Management, Bulk Administration, and Help. The main content area is titled "LDAP Directory" and shows the status as "Ready". Below the status, there is a section for "LDAP Directory Information" with the following fields: "LDAP Configuration Name" (AD Alpha Cluster), "LDAP Manager Distinguished Name" (cn=Administrator,ou=Static Domain Users,dc=static,dc=), "LDAP Password" (masked with dots), "Confirm Password" (masked with dots), and "LDAP User Search Base" (ou=AlphaClusterUsers,dc=static,dc=ciscoas,dc=ad). At the bottom, there is a section for "LDAP Directory Synchronization Schedule" with a checkbox for "Perform Sync Just Once" and a dropdown for "Perform a Re-sync Every" set to 6 hours.

- For the **LDAP Manager Distinguished Name**, you need to enter the user ID, which can be up to 128 characters, of the LDAP Manager, who is an administrative user that has access rights to the LDAP directory. Refer to LDAP Synchronization for more information.

Related Information

- **LDAP Directory Integration**
- **Voice Technology Support**
- **Voice and Unified Communications Product Support**
- **Troubleshooting Cisco IP Telephony**
- **Technical Support & Documentation – Cisco Systems**

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