



Digi Passport Application Guide

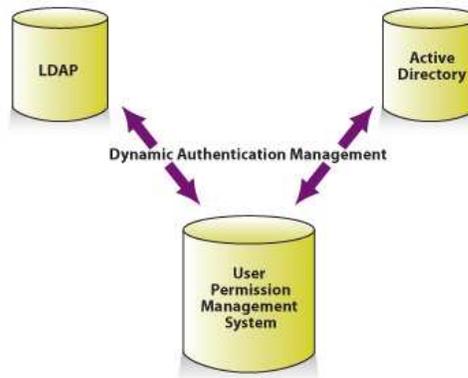
How to setup LDAP

1. Authentication

The Digi Passport unit supports multiple methods of user authentication, including local, TACACS+, RADIUS, RADIUS Down-Local, LDAP, Kerberos, and Custom PAM. The authentication protocol depends on the environment.

2. LDAP Authentication

The Digi Passport unit supports authenticating against an LDAP-based database, including LDAP systems running on Linux servers, and Microsoft systems running the Microsoft Active Directory with the LDAP gateway ADAM (Active Directory Application Mode).



If the Digi Passport unit authenticates against an LDAP directory, all users must be configured in a single container. The Digi Passport unit will extend the username using the LDAP search base and authenticate the user.



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3. LDAP Configuration Example

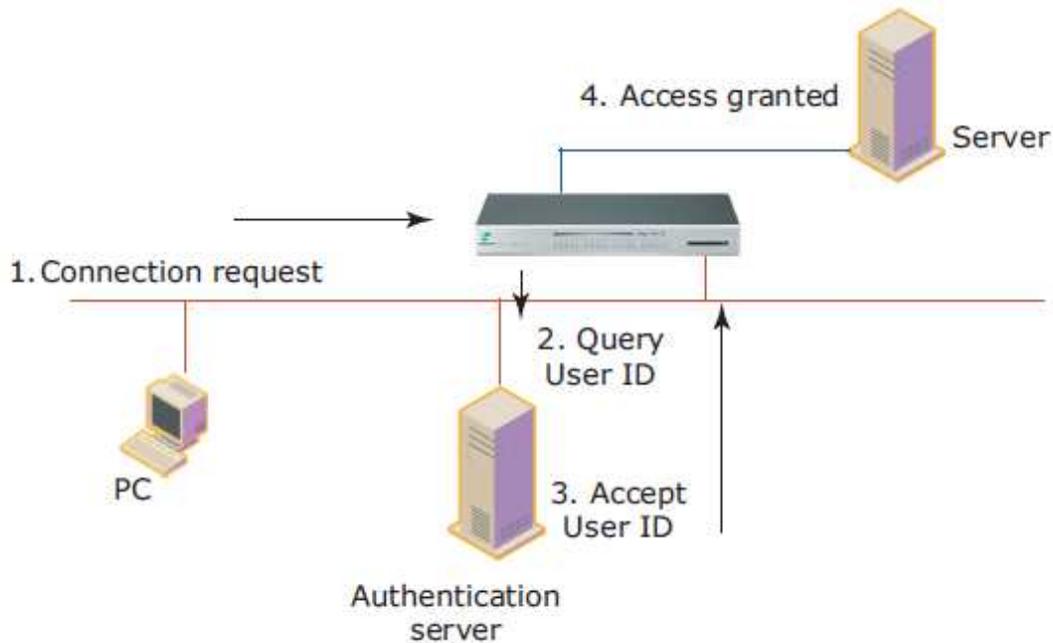
For example, consider a domain named **dilbert.com**. The LDAP server is at **10.1.1.1**. All users with access to the Digi Passport unit are located in the container **USA Users**.

The LDAP authentication for users of the domain is configured as follows:

Authentication method: LDAP server
First LDAP Server 10.1.1.1
Second LDAP Server
LDAP search base: cn=users,dc=labtest,dc=digi,dc=com
Domain name for active directory:

If the LDAP database resides on a Microsoft system, the Domain name for the active directory (in the above example, **dilbert.com**) must be configured.

If using a non-Microsoft system, do not use this setting, as it changes the LDAP to comply with Microsoft syntax.





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4. LDAP Setup Screenshots

4.1 Configure Digi Passport for LDAP

User : root

Network

- IP configuration
- SNMP configuration
- Dynamic DNS configuration
- SMTP configuration
- IP filtering configuration
- NFS server configuration
- Samba configuration
- Web server configuration**
- Ethernet configuration
- TCP service configuration
- PPP configuration

Serial port

Clustering

Power controller

Peripherals

Custom menu

System status & log

System administration

System statistics

Web server configuration

/ network / web

Web page refresh rate for statistics data display (0-1800 seconds, 0 for no refresh): 10 second(s)

Login timeout (0-1440 minutes, 0 for unlimited): 60 minute(s)

Blocking time for suspicious intruder (0-720 hours, 0 for non-blocking): 5 hour(s)

Authentication

Authentication method: Local - LDAP server

Secure LDAP: Disable

First authentication server: 10.49.3.218

Second authentication server:

LDAP search base: cn=users.DC=labtest,DC

Domain name for active directory: labtest.digi.com

Eliminate root access: Disable

Serial ports count on connection page (16-90): 50

Web applet option: Built-in with SSH2

HTTP port: 80

HTTPS port: 443

4.2 User "bobm" is logged on

User : bobm

Serial port

- Connection**

Power controller

System administration

Login as a different user

Logout

Serial port connection

/ serial / serial_connect

Peer: All peers

Slave name: Port title: Search

Port access menu connection

Port access menu connection

Individual port connection

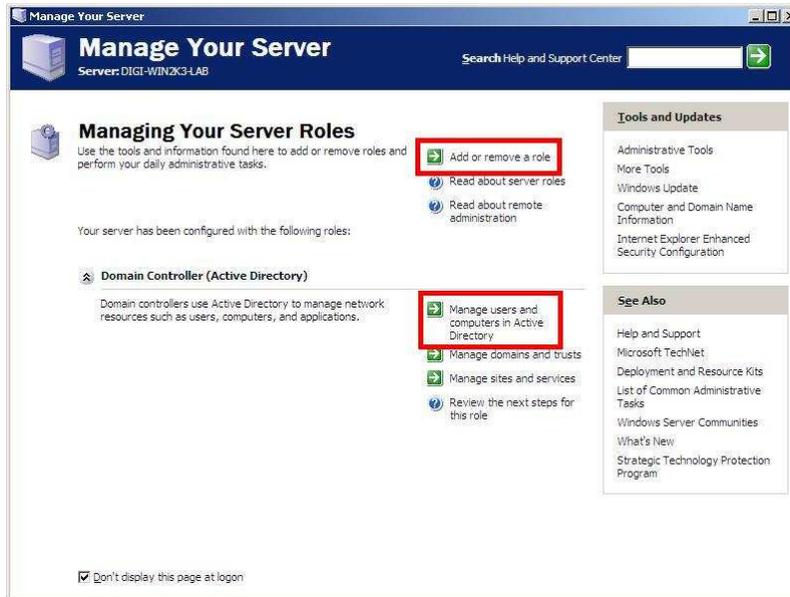
Status	Port#	Title	# of User	Comments
	1	Windows.Server.2003.SAC.port1	0	< Not used >
	2	LINUX.digi-mandriva.port2	0	< Not used >
	3	DIGI RPM on Port 3	0	< Power controller >
	4	Port Title #4	0	< Not used >
	5	Port Title #5	0	< Not used >
	6	Port Title #6	0	< Not used >
	7	Port Title #7	0	< Not used >
	8	Port Title #8	0	< Not used >
	9	Port Title #9	0	< Not used >
	10	Port Title #10	0	< Not used >
	11	Port Title #11	0	< Not used >
	12	Port Title #12	0	< Not used >
	13	Port Title #13	0	< Not used >
	14	Port Title #14	0	< Not used >
	15	Port Title #15	0	< Not used >



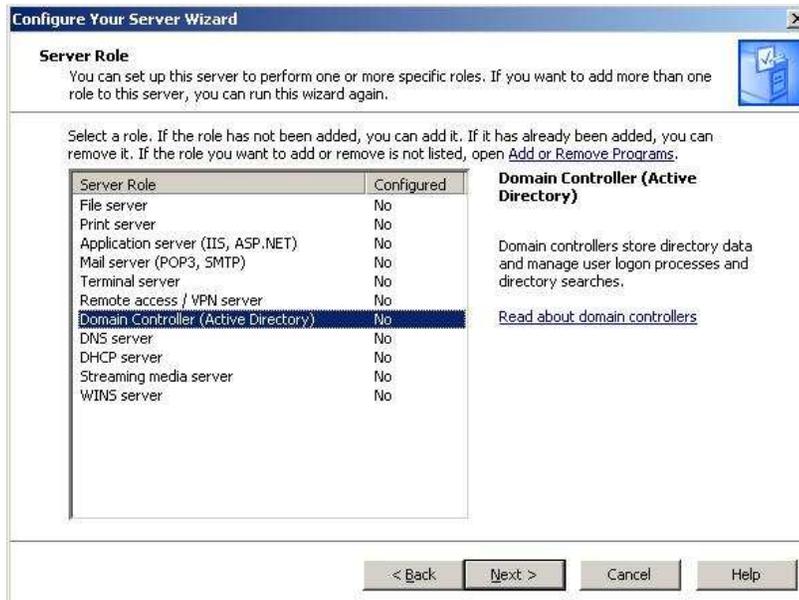
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4.3 Setup and configure LDAP and Active Directory under Windows 2003



4.4 Activate LDAP and Active Directory under Windows 2003





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4.5 Use the Setup Wizard for LDAP and Active Directory



4.6 Administrate Users for Active Directory

