

## 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.



### 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.





## 4. LDAP Setup Screenshots

# 4.1 Configure Digi Passport for LDAP

User : root	Web server configuration					
	/ network / web					
Network IP configuration SMMP configuration Dynamic DNS configuration SMTP configuration IP filtering configuration NFS server configuration	Web page refresh rate for statistics data display (0-1800 seconds, 0 for no refresh): Login timeout (0-1440 minutes, 0 for unlimited): Blocking time for suspicious intruder (0- 720 hours, 0 for non-blocking): Authentication	10 60 5	second(s) minute(s) hour(s)			
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	Authentication method: Secure LDAP: First authentication server: Second authentication server: LDAP search base: Domain name for active directory: Eliminate root access: Serial ports count on connection page (16- 90): Web applet option: HTTP port: HTTPS port:	Local - LDAP serv Disable 10.49.3.218 cn=users.DC=labte labtest.digi.com Disable 50 Built-in with SSH2 80	er 💌			

## 4.2 User "bobm" is logged on

User : bobm	Serial port connection					
Savial agent	/ serial / serial_connect					
Connection	Peer: All peers 💌					
Power controller	Slave name: Po	t title:	Search			
System administration	Port access menu connection					
1	Port access menu connection	Port access menu connection				
Login as a direrent user	Individual port connection					
Logode	Status Port# Title	# of User	Comments			
	1 Windows.Server.2003	SAC.port1 0	< Not used >			
	2 LINUX.digi-mandriva.p	ort2 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 >			



4.3 Setup and configure LDAP and Active Directory under Windows 2003



### 4.4 Activate LDAP and Active Directory under Windows 2003

Approver Note Application Server (IIS, ASP.NET) Application server (IIS, ASP.NET) Application server (POP3, SMTP) I Terminal server Remote access / VPN server Domain Controller (Active Directory) DNS server I DMC server I DMC server I DMC server I DMC server I I DMC s	No No No No No No	Directory) Domain controllers store directory data and manage user logon processes and directory searches.		
rile server Print server Application server (IIS, ASP.NET) Mail server (POP3, SMTP) Terminal server Remote access / VPN server Domain Controller (Active Directory) DNS server DMCD server	NO NO NO NO NO	Domain controllers store directory data and manage user logon processes and directory searches.		
Print Server Application server (IIS, ASP.NET) Mail server (POP3, SMTP) Terminal server Remote access / VPN server Domain Controller (Active Directory) DNS server DMC server	NO NO NO NO NO	Domain controllers store directory data and manage user logon processes and directory searches,		
Application server (ID, ADP.NET) Mail server (POP3, SMTP) Terminal server Remote access / VPN server Domain Controller (Active Directory) DNS server UPC server	No No No No	Domain controllers store directory data and manage user logon processes and directory searches.		
Mail server (POPS) BMTP) Terminal server Remote access / VPN server Domain Controller (Active Directory) DNS server MCD server	No No No	and manage user logon processes and directory searches.		
Remote access / VPN server Domain Controller (Active Directory) DNS server	No No	urectory searches,		
Domain Controller (Active Directory) DNS server DKCD server DKCD server	No			
DNS server	V(C)	Read about domain controllers		
DHCD conver	NOL			
LIEU E SEDICEL	No			
Streaming media server	No			
WINS server	No			



### 4.5 Use the Setup Wizard for LDAP and Active Directory



### 4.6 Administrate Users for Active Directory

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Active Directory Users and Computer	Users 21 objects			
E 📄 Saved Queries	Name	Туре	Description	
Bacesc. aigl. com     Bacesc. aigl. com     Bacesc. aigl. com     Bacesc. aigl. com     Computers     Compute	Administrator     Alex Beaume     Bad Boy	User User User	Built-in account for admini	
	C Bob Marley	User		
	Cert Publishers	Security Group User	Members of this group are digi	
	22 Domain Admins	Security Group	Designated administrators	
	Domain Com	Security Group	All workstations and serve	
	Domain Cont	Security Group	All domain controllers in th	
	Domain Guests	Security Group	All domain guests	
	Domain Users	Security Group	All domain users	
	Enterprise A	Security Group	Designated administrators	
	Group Policy	Security Group	Members in this group can	
	Guest	User	Built-in account for guest	
	BHelpServices	Security Group	Group for the Help and Su	
	🖸 Jen Doe	User		
	🖸 John Doe	User		
	RAS and IAS	Security Group	Servers in this group can	
	Schema Admins	Security Group	Designated administrators	
	SUPPORT_38	User	This is a vendor's account	
	TelnetClients	Security Group	Members of this group ha	
	10101			
1 1 1				