

# 8 Alternatives to Samba

By **Adam Luke** - 2016-04-01



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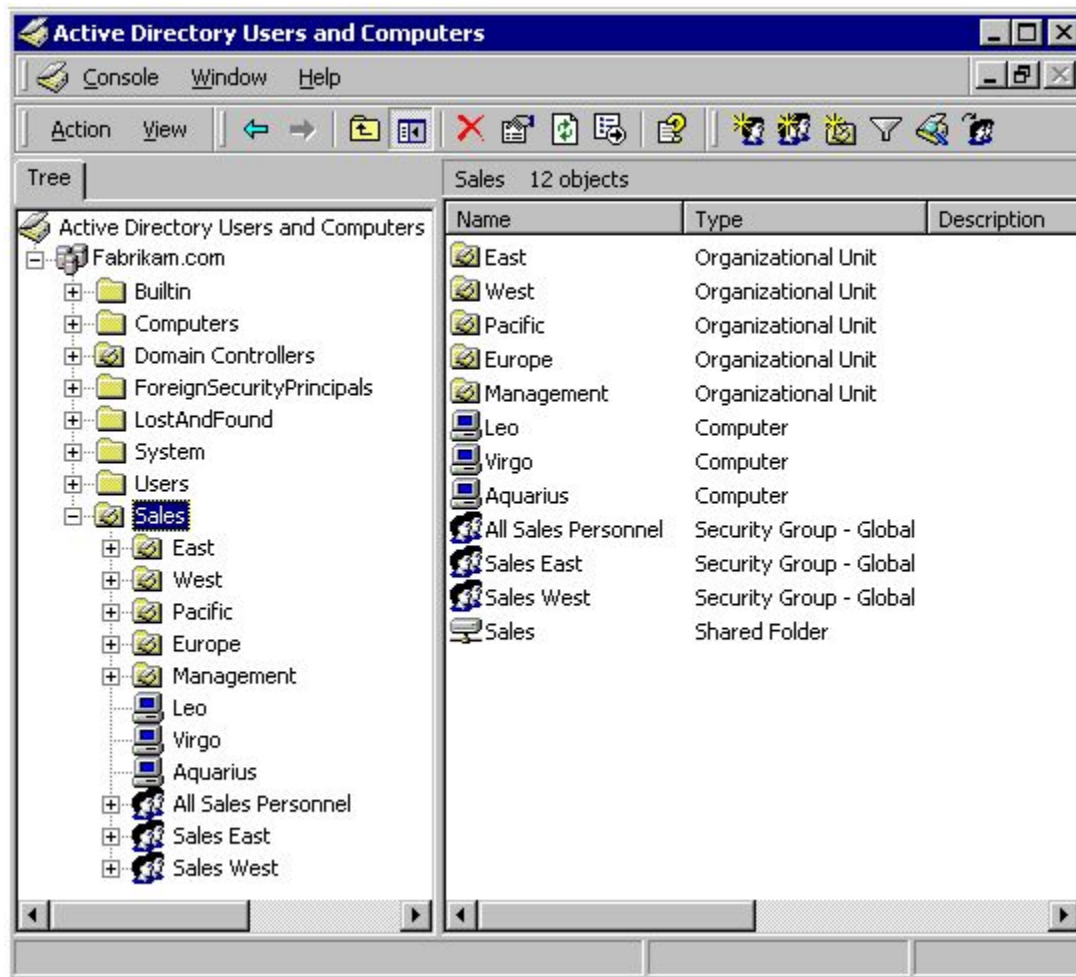
Samba is a free and open source program that is the provider of file and printing services to the SMB and CIFS-based clients. Samba is freely available and very different from most of the CIFS and SMB implementations because it permits it users with the option of interoperability between UNIX and Linux servers and even Windows-based clients as well. Samba is said to be a program that is capable of operating on almost all operating systems except Windows operating systems. Samba itself uses the IP and TCP protocol that can be easily installed on the host server. In a case of correct configuration, Samba permits the users to host even and interact with any Windows operating systems server or client and use it as a Windows print and file server. Samba is basically used for the purpose of interoperability. Samba is the pack of that package and features that will give the network administration and IT expert the freedom and flexibility of setting up and configuring the system and equipment according to their on demand and requirement.

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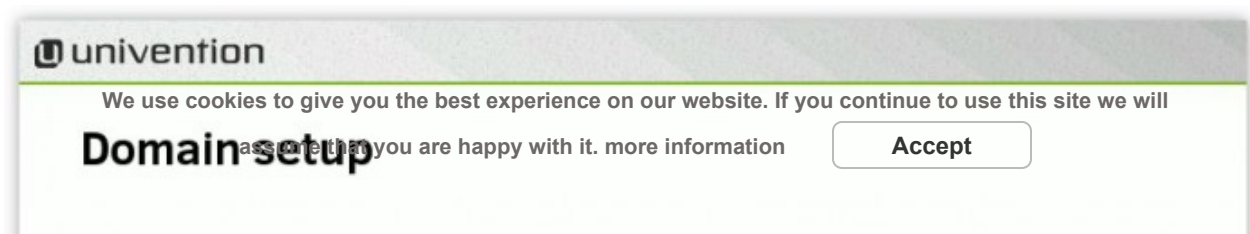
# 1 Microsoft Active Directory




Active Directory (AD) is a directory service that developed for Microsoft Windows domain networks and is included in most Windows Server operating systems as a set of processes and services. An AD domain controller authenticates and authorizes all users and computer in a Windows domain type network assigning and enforcing security policies for all computers and installing or updating software. For example, when a user logs into a computer that...

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# 2 Univention Corporate Server



Please select your domain settings.



☒ **Create a new UCS domain**

Configure this system as first system for the new domain. Additional systems can join the domain later.

☐ **Join into an existing Active Directory domain**

This system will become part of an existing Active Directory domain.

☐ **Join into an existing UCS domain**

Use this option if you already have one or more UCS systems.

☐ **Do not use any domain**

This should only be used in rare use cases, for example as firewall systems.

If unsure, select *Create a new UCS domain*.

Next

Univention Corporate Server is an efficient and highly advanced IT system that integrates the open source software to make the networking work in the largest enterprises simple and easy. Univention Corporate Server is the perfect solution for those who want to get the solutions of the basic MS Windows server. In addition to integrating the features and functions of MS Windows Server, Univention Corporate Server has owned sets of features...

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### 3 Apache Directory

LDAP Studio

LDAP Browser

- ▼ DIT
  - dc=example,dc=com (4+)
  - ou=Special Users
  - ou=Groups (5)
    - cn=QA Managers
    - cn=Accounting Managers
    - cn=Directory Administrators
    - cn=HR Managers
    - cn=PD Managers
  - ou=Netscape Servers
  - ou=People (148)
  - ou=system (5)
- ▼ Searches
  - 2007-02-12 14:38:22 (158)
- ▼ Bookmarks
  - uid=pcruse,ou=People,dc=example
  - uid=tmorris,ou=People,dc=example

MyAttributeType

DN: uid=pcruse,ou=People,dc=example,dc=com

| Attribute                | Description                       | Value               |
|--------------------------|-----------------------------------|---------------------|
| objectclass              | inetOrgPerson (structural)        |                     |
| objectclass              | organizationalPerson (structural) |                     |
| objectclass              | person (structural)               |                     |
| objectclass              | top (abstract)                    |                     |
| cn                       |                                   | Patricia Cruse      |
| sn                       |                                   | Cruse               |
| facsimiletelephonenumber |                                   | +1 408 555 9751     |
| givenname                |                                   | Patricia            |
| l                        |                                   | Santa Clara         |
| mail                     |                                   | pcruse@example.com  |
| ou                       |                                   | People              |
| roomnumber               |                                   | 3967                |
| uid                      |                                   | pcruse              |
| userpassword             |                                   | Plain text password |

Outline

- uid=pcruse,ou=People,dc=example
  - objectclass (4)
  - cn (1)
  - sn (1)
  - facsimiletelephonenumber
  - givenname (1)
  - l (1)
  - mail (1)
  - ou (2)
  - roomnumber (1)
  - telephonenumber (1)
  - uid (1)
  - userpassword (1)

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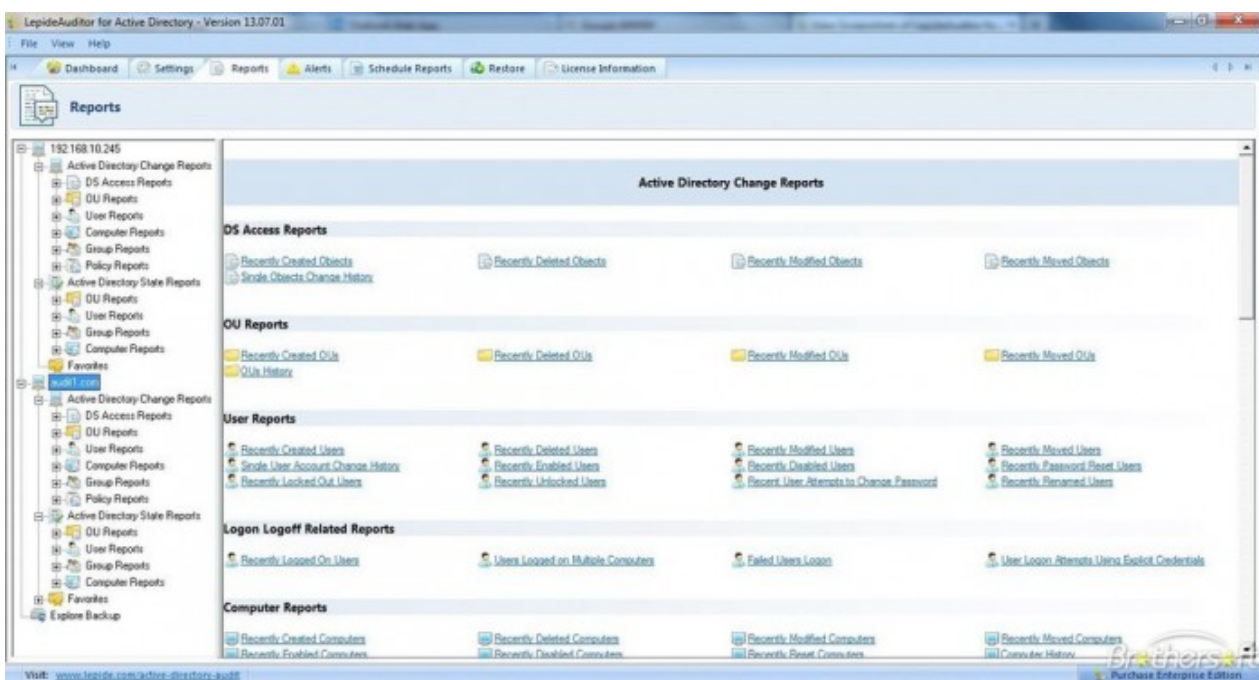
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Apache Directory is the independent directory of those tools and programs that are basically used in any kind of LDAP servers. However, there is only one limitation, and that is Apache Directory can be used with the ApacheDS only. It is a kind of Eclipse RCP application that is based on the composition of several OSGI plugins and architectures that can be easily upgraded by using the other additional tools...

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## 4 LepideAuditor for Active Directory



LepideAuditor for Active Directory is said to be the must have part of the IT environment and IT administration purpose. The real benefit of using LepideAuditor for Active Directory will emerge in case of sudden failure in the implications of any program in the ITT system or when there will be chances of

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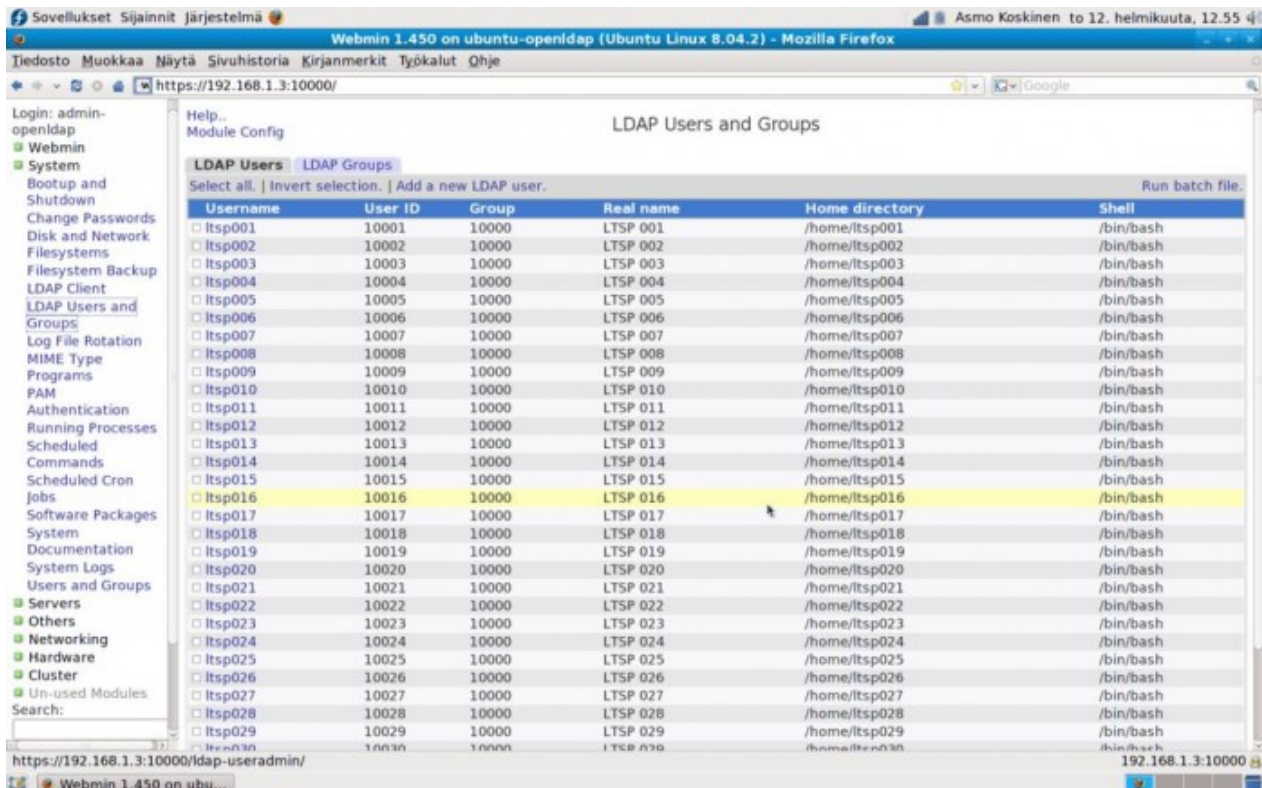


catastrophic of implications or failure of any event. Despite the fact that continuous developments are being made...

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## 5 OpenLDAP

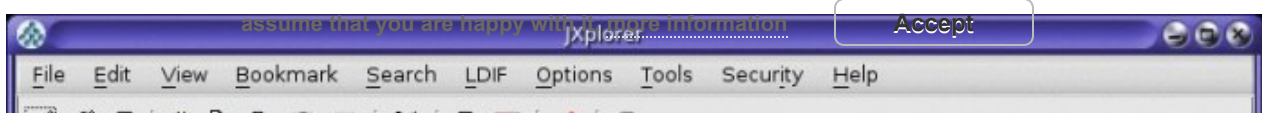


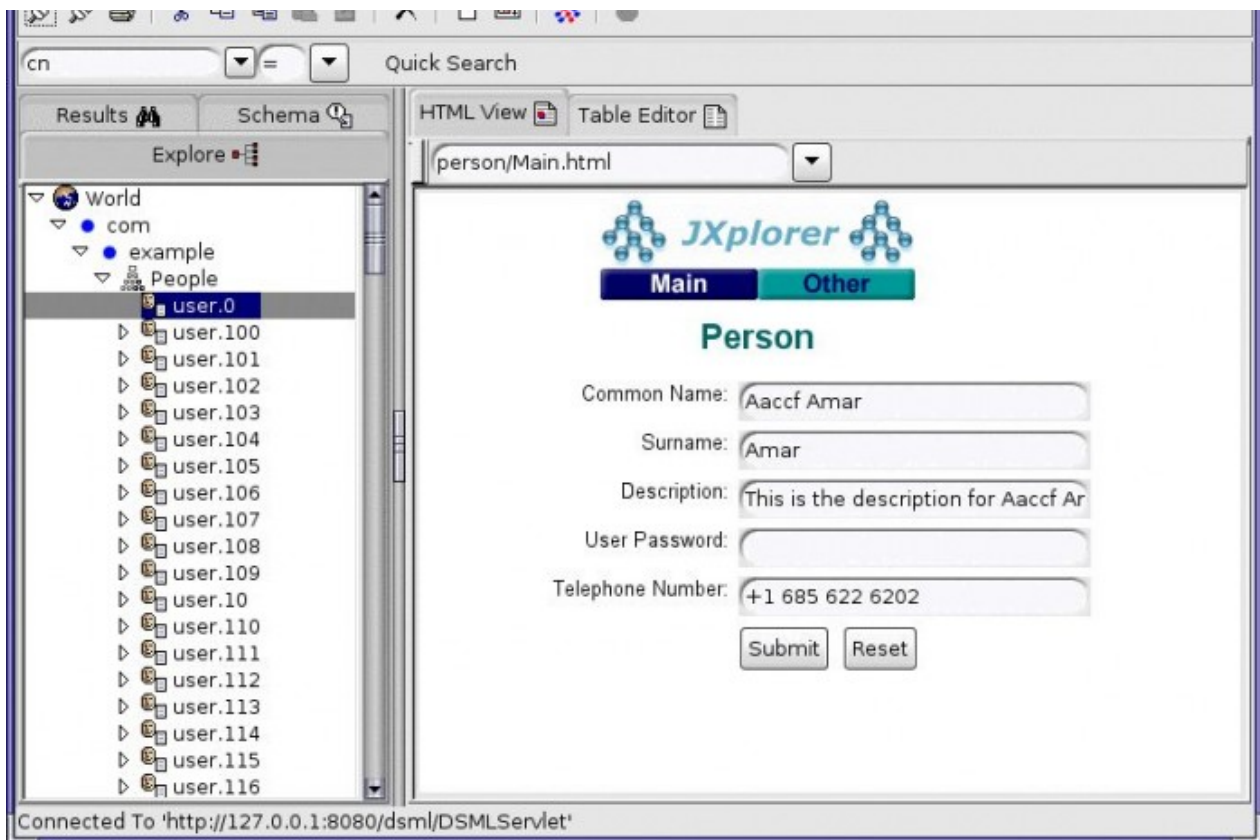
OpenLDAP is an open source program for the successful implementation of the LDAP in the IT and networking environment. OpenLDAP is the solution provider of an independent platform known as LDAP. Most of the Linux distro use the OpenLDAP programs for the support of LDAP. Being a multiplatform software, OpenLDAP is available for the Windows, Mac OS X, Android, Solaris and few others operating systems and devices. The three most...

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## 6 JXplorer

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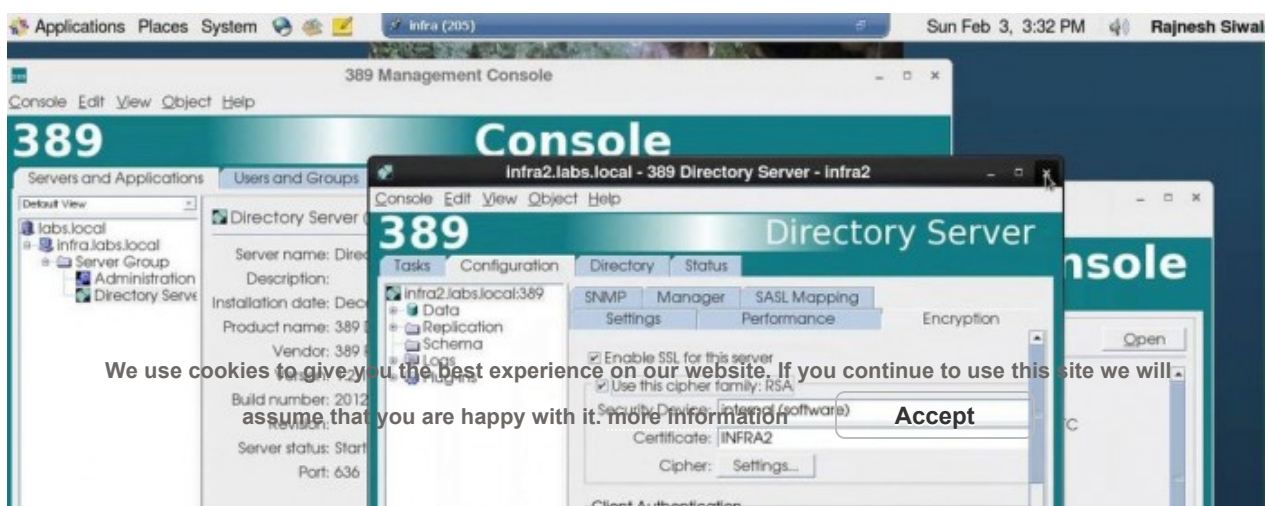


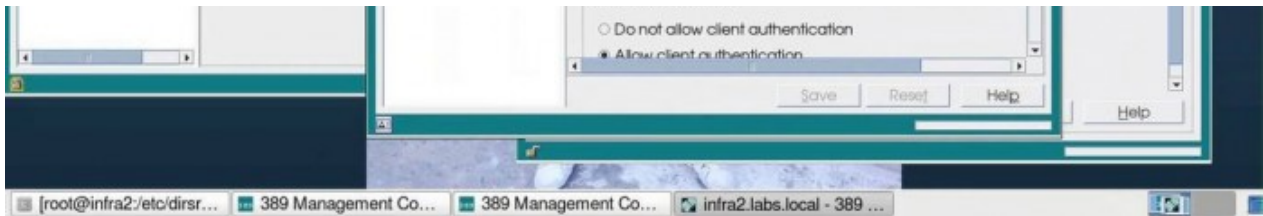


JXplorer is an open source and globalized Java base LDAP browser that contains an extensive range of extensible architecture to extends its functionalities. JXplorer support for the GUI browsing, LDIF, DSML and second and third version of LDAP. JXplorer is a cross-platform LDAP browser that works as the LDAP editor as well. JXplorer is a standard compliant general purpose LDAP client that can be easily used for the purpose of...

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## 7 389 Directory Server

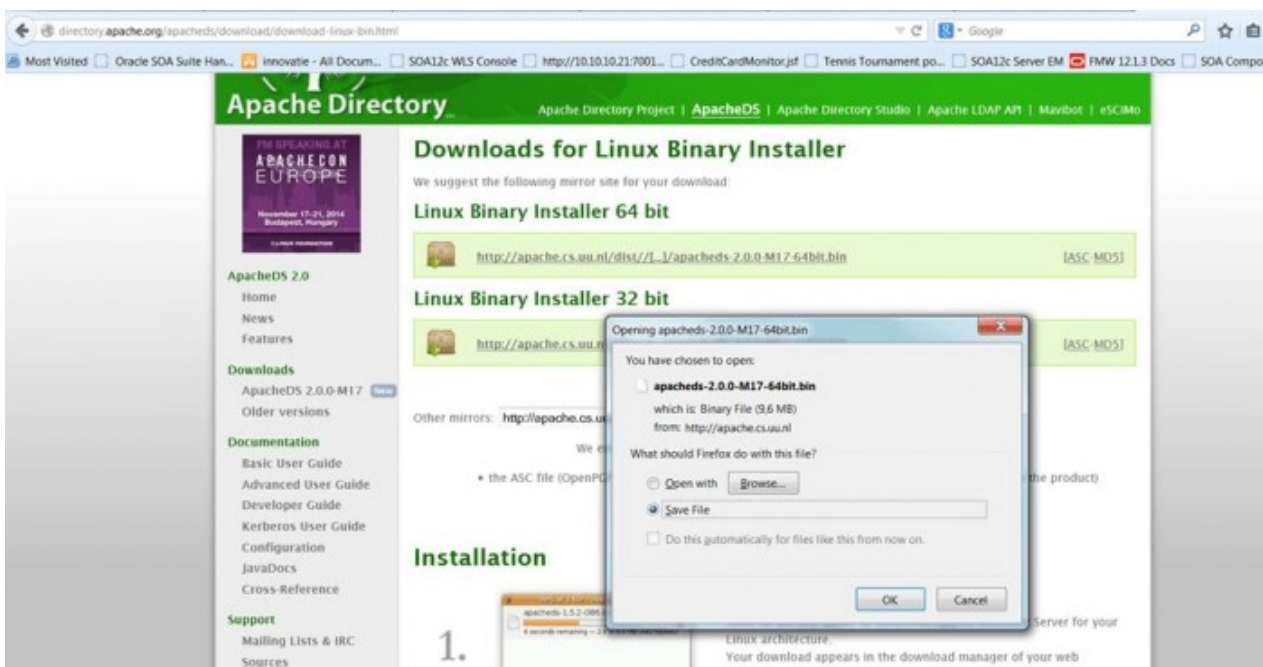




389 Directory Server is an open source LDAP server that was first known by the name of Fedora Directory Server. 389 Directory Server is said to be the enterprise level of the management server that is best known for its multi-master replication system and the featured of handing the largest LDAPs at the same time. It is a free to use server system that can be used for the handling...

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## 8 ApacheDS



ApacheDS is basically the one of the largest directory providers of those featured rich directories that are extensible and embeddable at the same time. ApacheDS is entirely written in Java and has been authorized for the purpose of using with the LDAPv3 because it is compatible with the LDAPv3 for this purpose. The two basic functions supported by the ApacheDS are Change Password Protocol and Kerberos 5. ApacheDS is basically...

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