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Network Information Services (NIS) enables you to create user accounts that can be shared across all systems on your network. The user account is created only on the NIS server. NIS clients download the necessary username and password data from the NIS server to verify each user login.

About NIS

An advantage of NIS is that users need to change their passwords on the NIS server only, instead of every system on the network. This makes NIS popular in computer training labs, distributed software development projects or any other situation where groups of people have to share many different computers.

advantage NIS

The disadvantages are that NIS doesn't encrypt the username and password information sent to the clients with each login and that all users have access to the encrypted passwords stored on the NIS server.

disadvantages NIS

The Lightweight Directory Access Protocol (LDAP) offers similar features to NIS but has the advantage of supporting encryption without additional software

Suggest to use LDAP

http://www.linuxhomenetworking.com/wiki/index.php/Quick_HOWTO:_Ch31:_Centralized_Logins_Using_LDAP_and_RADIUS

LDAP wiki LINK

BY COMMAND

But at first we need to setup **NFS**

<http://www.ubuntugeek.com>

<http://czarism.com/easy-peasy-ubuntu-linux-nfs-file-sharing>

HOW can we run NIS ?