

# 异构操作系统环境的统一用户管理的研究

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**摘要:**随着政府、企业信息化建设的不断发展和基础设施的不断投入与升级, 如何提供一种方便可行的方法, 使用户能够更加迅速有效地访问和使用有着 Windows, Unix, Linux 操作系统的混合型网络资源, 越来越受到人们的关注。因此, 迫切要实现统一的用户身份管理和认证。以统一身份管理系统的模型为研究对象, 阐述了用户管理的基本概念和研究现状, 并对现在主流操作系统的用户管理机制进行了分类总结。最后提出了一种基于目录服务的统一异构操作系统用户管理问题的解决方案。

**关键词:**[异构操作系统](#) [Active Directory](#) [可插入认证模块](#) [命名服务转换](#)

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## Research of Unified User Management under Heterogeneous Operation System

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**Abstract:**With the development of information management systems in the government and enterprises, it is being paid more and more attention how supply an available and efficient method to help people access mixed-platform environments that include Windows, Unix, Linux, the resources in the Internet. So it becomes more and more important to achieve the goal of unified identity management and authentication. Put focus on the research of unified identity authentication, and did much study from the concept of user management to the status of present research, and also presents a summary of the etwrent main operation system of these techniques. In this paper, propose the solution of the unified heterogeneous oeration system user management based on the LDAP.

**Key words:** heterogeneous operation system; active directory; PAM; NSS