LDAP Login Control Automation

Overview

If your organization uses LDAP for user authentication, you can be faced with the challenge of managing which users are allowed to log in to which servers. This LDAP login control automation service provides a new LDAP-based software solution for centralized management of host access control that uses your existing LDAP server solution.

Technical Details

- The "login pass" construct defines a type of access. For example, the command, "`mkpass DB2`", creates the "DB2" login pass that is used to provide user access to "DB2" systems.
- Users are provided access by assigning login passes to their LDAP user account. For example, the command, "`chuserpass user1 DB2`", allows the user, "user1" to access any host that corresponds to a host group that authorizes the "DB2" login pass.
- The "host group" construct defines a group of hosts, and the login passes that authorize access to the hosts. For example, the command, "`mkhostgroup DB2_hosts –h vm1,vm2 –p DB2`", creates a host group called DB2_hosts that consists of two hosts, vm1 and vm2. This host group also allows users to log in to the two hosts that have the "DB2" login pass
- This solution supports IBM Security Directory Server and Microsoft Active Directory. More LDAP server support can be provided.

Common Use Cases

- An AIX or Linux organization that would like to move away from managing login control locally on each individual host and would like to adopt an LDAP-based solution for centralized user, group, and password management
- An AIX or Linux organization that would like to add centralized host access control to their existing LDAP-based solution that provides centralized user, group, and password management

Engagement Process

- Consultant arranges prep call to discuss requirements, scheduling, and agenda
- Consultant works with client to configure solution in client proof-of-concept environment
- Consultant works with client to verify the host control functions that are most important to the client
- Consultant provides presentations to facilitate knowledge transfer

Deliverables

1. Presentation Slides – an electronic copy of presentation slides
2. Configuration documents – an electronic copy of configuration documents
3. Software package – provides the login policy management toolsets and login control automation subsystem