Pass-through Authentication
with Microsoft Active Directory and IBM Tivoli Directory Server

Overview:

Beginning 4Q 2013, the Lab Services Security Team is proud to provide a new service: Pass-through Authentication (PTA) with Microsoft Active Directory(MSAD) and IBM Tivoli Directory Server(ITDS). For most AIX customers, PTA provides the perfect solution for centralized password and user/group management of AIX systems.

Using PTA, when AIX systems are configured as LDAP clients pointing to an ITDS LDAP server, ITDS provides the PTA mechansim to redirect authentication requests to a different LDAP server, in this case MSAD. This PTA mechanism allows AIX users to use a single Windows network login password for both their Windows desktops and AIX systems.

In this PTA configuration, ITDS will still be used to manage and store AIX user and group information. By storing user and group information on ITDS, full compatibility with AIX is maintained because ITDS implements the RFC2307AIX LDAP Schema. Not all LDAP servers, such as MSAD, provide this as a standard implemented schema and can prove to be severly limiting and difficult to use, but these problems are eliminated by storing and managing user and group information on ITDS.

NOTE: For customers new to ITDS-based AIX management, this service can be paired with the "AIX Identity Management with ITDS – Level 1" service.

This service includes the following:

- Provide presentations to help the customer staff understand PTA

- Install and configure PTA using the ITDS web-based administration tool

- Learn why managing user/group information on ITDS is superior to managing user/group information on other non-RFC2307AIX LDAP servers

Duration

- 1-2 days on-site

WHO benefits from this workshop and WHY?
- Clients with limited skills or experience with LDAP
- Clients needing a solution to greatly simplify password and user/group administration
- Clients wanting to simplify the management of other AIX security tools like RBAC, EFS, AIX Security Expert, Trusted Execution

Phase 1 – Preparation (remote):
Conference calls are held prior to the service to validate the scope, agenda, schedule and required materials.
- Customer provides overview of their current AIX identity management
- IBM team prepares the service agenda/schedule

Phase 2 – PTA Workshop – (on site):
Configuration of PTA
Example Tasks
- Configure PTA using the ITDS web-based Adminitration Tool
- Learn how to create custom Bind DNs to simplify PTA integration
- Learn how password policies function and are implemented in PTA
- Learn how this configuration can be used to manage other operating systems, such as Linux, HMC, VIOS, Solaris, and other RFC2307 compliant systems

Deliverables – Step-by-step PTA configuration document, all engagement presentaiton slides

PTA Demo (Optional – Time permitting)
Example tasks
- At conclusion of the service, provide customer staff a demo of the implemented PTA MSAD/ITDS solution
- Provide a general Q&A session
- Provide Preview of AIX Identity Management with ITDS – Level 2

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