Samba: Admin & Privileges

John H Terpsta,
CTO
Primastasys Inc
jht@primastasys.com
jht@samba.org
Overview

- About the Author
- Samba Documentation
- Samba: Remote and Local Administration
- Samba: User Rights & Privileges
- The next steps ...
The Author

- Long term Samba Team member
  - General Secretary
- Have written HOWTOs since 1996
- Update to Samba-HOWTO-Collection – 2003
  - In time for Samba-3.0.0
- Samba-3 By Example – 2004
- Second Editions – 2005
  - Released at LinuxWorld Expo – San Francisco '05
Samba-3
by Example
Practical Exercises to Successful Deployment
Second Edition

This book is your road map to complete networks, including detailed, step-by-step installation guidelines.

A new chapter to guide your upgrades and updates to the latest versions.

Nothing makes Samba-3 deployment easier than this book, written by the author of the official Samba documentation.

JOHN H. TERPSTRA

Foreword by John M. Weathersby, Executive Director, Open Source Software Institute
User Account Maintenance

- Use the `pdbedit` command to maintain
  - Add, delete, modify user accounts
  - Migrate accounts to/from other backend databases
  - Manage account policies
  - Manage domain access policies
pdbedit – Account Attributes

- Unix username
- NT username
- Account Flags
- User SID
- Primary Group SID
- Full Name
- Home Directory
- Logon Script
- Profile path
- Domain
- Account Description
- Workstations
- Munged Dial String
- Logon/off times
- Password Expiry
- Bad password limits
Usage: pdbedit (partial output)

Usage: [OPTION...]
- L, --list                   list all users
- v, --verbose               be verbose
- w, --smbpasswd-style       give output in smbpasswd style
- u, --user=USER             use username
- N, --account-desc=STRING   set account description
- f, --fullname=STRING        set full name
- h, --homedir=STRING         set home directory
- D, --drive=STRING           set home drive
- S, --script=STRING          set logon script
- p, --profile=STRING         set profile path
- U, --user-SID=STRING        set user SID or RID
- G, --group-SID=STRING       set group SID or RID
- a, --create                 create user
- r, --modify                 modify user
- m, --machine                account is a machine account
- x, --delete                 delete user
- b, --backend=STRING         use different passdb backend as default
Examples

```
pdbedit --pwd-must-change-time="2010-01-01" --time-format="%Y-%m-%d" vlaan

pdbedit -P "maximum password age" -C 90
account policy value for maximum password age was 4294967295

pdbedit -i smbpasswd -e ldapsam
```
Primary Use: *pdbedit*

- Management of local user accounts
- Management of domain policies

- Not Used for
  - Group Account Management
The *net* Command

- Can be used across platforms
  - rap, rpc, ads
- Manage Groups
  - two types – local and global (domain)
  - add, delete, modify, list
- Map Linux group to Windows group
  - == creating a Windows group
Handling Group Info

- List groups on remote machine
  - `net rpc group list -S BILBO -U admin%password`
- Add a group to a remote machine
  - `net rpc group add "Marketing" -S FRODO -U admin%password`
- Add a group member
  - `net rpc group addmem "BIGDOM\Engineers" giovanni -S MERLIN -U admin%password`
Mapping UNIX Groups

- **Basic**
  - `net groupmap modify ntgroup="Domain Admins" unixgroup=root`
  - `net groupmap modify ntgroup="Domain Users" unixgroup=users`
  - `net groupmap modify ntgroup="Domain Guests" unixgroup=nogroup`
  - `net groupmap add ntgroup="Engineers" unixgroup=eng`
Local Group Handling

- Create a local group
  - Can contain user and global group members
  - `net rpc group add Showdogs -L -S MORDON -U admin%password`

- Add domain group to local machine group
  - `net rpc group addmem "Showdogs" "MYDOM\Badboys -S TERMINATOR -U admin %password"`