

SysOp Tools Learning Guide:

Automate bulk-adding of Active Directory User Accounts with SMTP Mailbox Address.

Provided by:

Enterprise Support Team

SysOp Tools, Inc

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Fast, simple mass creation of uniquely-named domain user objects with SMTP mailbox addresses.

So you've set up your test AD environment and need to input a lot of users, and doing it automatically would be great. Wouldn't it also be fabulous if you could tack on a matching SMTP email address and set a password, and maybe set a few other account options?

We've all seen and used the various available VB scripts that create user accounts, some do it automatically using a variable for the username + number, others use data from a csv file or Excel spreadsheet. This is provided as an alternative method which uses DSADD from a command prompt.

Note that DSADD gives you visual feedback in the command prompt window as it is creating objects.

Using the below DSADD commands are as simple as copying the below snippets, paste into notepad, edit the domain name to your environment, then copy/paste into a command prompt window. Using DSADD you can create accounts with expiring passwords, non-expiring passwords, expiring accounts, insert a matching SMTP address, assign a password, etc.

Note: Automatically adding the SMTP email address does not require MS Exchange. We're not 'mail enabling' the user object, just adding an SMTP address to the General tab of the user account properties.

This is particularly handy if you do not run Exchange or do not want to bother with installing Exchange Server in your test environment simply to test mail functionality of user accounts.

For example, you could set up the SMTP service and POP3 service in your test environment, and create simple POP mailboxes for the user accounts.

USE: open a command prompt on your test DC, edit the script to your environment variables and paste into the command prompt window, hit enter. If you are using the OU argument make sure that OU exists in your AD before running the script. Visit the link below for an explanation of options.

DSADD REFERENCE AND COMMAND LIST:

<http://technet2.microsoft.com/WindowsServer/en/library/8d37ecb0-ac28-4e05-aa05-da82dc36b54b1033.mspx?mfr=true>

// Bulk-add 200 users with SMTP address //

```
FOR /L %i in (1,1,200) DO dsadd user "cn=Test User%i,ou=PWD Expiring Users,dc=yourdomain,dc=net" -samid tuser%i -upn tuser%i@yourdomain.net -fn Test -ln User%i -display "Test User%i" -desc "password expiring user" -email tuser%i@yourdomain.net -office "Los Angeles" -dept "Corporate IT" -pwd Passw0rd123 -disabled no -acctexpires never -pwdneverexpires no
```

// Create single user with SMTP address //

```
dsadd user "cn=Test User,ou=PWD Expiring Users,dc=yourdomain,dc=net" -samid tuser -upn tuser@yourdomain.net -fn Test -ln User -display "Test User" -pwd Passw0rd123 -disabled no
```

About SysOp Tools:

Located in Los Angeles, California, SysOp Tools is an emerging provider of systems management, security auditing and support solutions for Microsoft-based enterprises. Our products support IT professionals in numerous ways and are designed to help minimize time spent performing routine administrative support and system tasks, address specific deficiencies with current support tool offerings, and bolster internal security / compliance initiatives. All of our solution products are developed in-house and field tested by experienced Windows Systems Engineers. The tools we provide on our site have evolved into existence through years of hands-on systems engineering and administration experience. Simply put, we only release to you what we would feel confident using ourselves on our own critical systems.

About the author:

Kurt Lewis has over 15 years of practical field experience designing, deploying and maintaining Microsoft Active directory domain environments, with an emphasis on security for PCI and Sarbanes-Oxley / General IT Computing Controls. Kurt also has a strong background in Exchange email systems and other Microsoft back-office technologies, and has provided technical guidance and advisement to many fortune 500 companies, government organizations, and educational institutions around the world. Presently, Kurt Lewis is the IT solutions architect for SysOp Tools, Inc.

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