

## SUMMARY: Sun Samba server can't join domain (smbpasswd)

*Source:* <http://unix.derkeiler.com/Mailing-Lists/SunManagers/2003-06/0512.html>

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*From:* Carolyn Mayr ([carolyn\\_at\\_usna.edu](mailto:carolyn_at_usna.edu))

*Date:* 06/19/03

Date: Thu, 19 Jun 2003 10:35:55 -0400 (EDT)

To: [sunmanagers@sunmanagers.org](mailto:sunmanagers@sunmanagers.org)

Problem solved! I am absolutely grateful to Scott Croft and Marcelino Mata for their help in troubleshooting this problem.

One mistake I made in my original message is that the PC server is a "Windows 2000 Advanced Server" and our PCs have XP.

Anyhow, Scott Croft made a sweep of my smb.conf settings and we specifically checked the following entries for accuracy. I was missing the netbios name which is required:

```
password server = cs=faculty-dc1
security = DOMAIN
netbios name = rattler
workgroup = CSDEPARTMENT
name resolve order = host bcas lmhosts wins
```

Marcelino Mata gave me the following instructions which finally, after the smb.conf file changes were made, solved the problem. He wrote:

"For Windows 2000 Server and Windows 2003 Server with Active Directory, I found the following for joining a domain...

You must add Samba computer as Pre-Windows 2000 computer before trying to join the domain.

```
add a machine account "rattler" inside windows active directory
Users and Computers : right-click folder Computers -> New -> Computer
fill-in : rattler and check the box "Allow pre-Windows 2000
computers to use this account" . right-click on the samba-cable
computer icon inside the Computers folder, and select "Reset Account"
```

If that does not help, you should be looking at the samba logs on possible reasons for failure."

After following the advice he gave me, I tried the smbpasswd command again

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and it worked:

```
rattler# /usr/sfw/bin/smbpasswd -j CSDEPARTMENT -r cs-faculty-dc1
```

```
2003/06/19 09:59:10 : change_trust_account_password: Changed password for domain CSDEPARTMENT.
```

```
Joined domain CSDEPARTMENT.
```

Afterwards, I started my processes on the samba server by typing:

```
/etc/rc3.d/S90samba start
```

Thanks again to sunmanagers!

Carolyn

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ORIGINAL MESSAGE:

>Date: Thu, 19 Jun 2003 07:27:53 -0400 (EDT)

>From: Carolyn Mayr <carolyn@usna.edu>

>To: sunmanagers@sunmanagers.org

>Subject: Sun Samba server can't join domain (smbpasswd)

>

>Hello managers,

>

>I've posted this problem before but for some reason, this time the  
>solution I used before won't work. I've exhausted all documentation  
>and web/archive searches and am asking sunmanagers for help.

>

>I am setting a new SunFire V480 server named rattler. It is running  
>Solaris 9 and I customized it as a samba 2.2.8a server. I am using our  
>Windows XP server named cs-faculty-dc1 (our PDC) for user password  
>authentication. After configuring the /etc/sfw/smb.conf file, I tried  
>joining the domain but here is what happened:

>

```
>! rattler# /usr/sfw/bin/smbpasswd -j CSDEPARTMENT -r cs-faculty-dc1
```

>

```
>cli_net_auth2: Error NT_STATUS_ACCESS_DENIED
```

```
>cli_nt_setup_creds: auth2 challenge failed
```

```
>modify_trust_password: unable to setup the PDC credentials to machine
```

```
> CS-FACULTY-DC1. Error was : NT_STATUS_ACCESS_DENIED.
```

```
>2003/06/19 07:11:40 : change_trust_account_password: Failed to change  
> password for domain CSDEPARTMENT.
```

```
>Unable to join domain CSDEPARTMENT.
```

>

>

>I was not running the smbd or nmbd daemons as the documentation noted.

>Here's what I've tried to do to fix it:

>

>- add the samba server to the PDC's list of servers

>- remove the samba server from the PDC's list of servers

>- reboot both servers

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- >– *re-added the samba server back to the PDC's list of servers*
- >
- >*Any ideas? FYI, we currently have a samba 2.0.7 server which is joined*
- >*to the PDC but I am taking that one offline as soon as I get samba 2.2.8a*
- >*running on the new SunFire server.*
- >
- >*Thanks everyone. I will summarize.*

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