On The Bounce
Samba 4 as an Active Directory Member Server

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Outline

samba

About myself

- Participant of the Google Summer of Code 2005, 2006 and 2007
- Wine developer since 2005
- Samba team member since 2007

Why Samba4 As Member Server

- Why not?
- File or print services
- Because we can!

So, Does It Work Already?

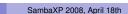- Sort of
- Some features missing
- Basic functionality is there

Getting Samba4

- Install git
- Clone Samba tree
- Check out Samba 4

Git It

```
# aptitude install git-core
$ git clone git://git.samba.org/samba.git
$ git checkout -b v4-0-test origin/v4-0-test
```
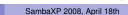
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Installing Samba4

- Prepare the build
- `./configure && make && make install`
- Provision

Provisioning

Run the provision script

```
# bin/smbpython setup/provision −−realm=SAMBAXP.ORG
−−domain=SAMBAXP −−server-role='member server'
−−adminpass=secret
```

AD Join

```
# net join SAMBAXP MEMBER -U Administrator%secret
```

Winbind

- User/group look-ups
- ID mapping
- nss_winbind not quite there yet

Winbind Demo

Let's demo wbinfo

ACLs

- Kludge_acls
- Better solution needed
- Patches welcome

Print Services
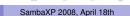
- spoolss.idl lacking
- PFIF fixed it
- Patches welcome!

Caching And Offline Mode
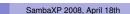
- INFO_3 caching
- SAMDB caching
- Working on that

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Summary

- ADC still better
- Getting there
- Should be done in 6-18 months

Thank you

Questions?