

Sysadministrivia

Linux, Lagers, and Late Nights

S6E20: "Actively Directing Samba"

Posted 2021-11-21 23:59

Modified 2021-11-21 12:10

Comments 0

Navigation

Previous Episode	Next Episode
S6E19: "A Remote Chance"	

Log

Recorded (UTC)	Aired (UTC)	Editor
2021-11-09 04:01:43	2021-11-21 16:31:45	"Edita"

Verification

Format	SHA256	GPG	Audio File
MP3	4f6ff4dcb99c897ede716c0bc78e96bad211a69ab2d960ce8d89a7df09f2e2fc	click	click
OGG	cf6ccf4e20a159a29212d8b167d7837f1f288ce41981fd2682af350dda675b99	click	click

Quicklisten:

We talk more about Samba and Active Directory integration.

- Just the Tip
- Notes
- 15 Clams
- Errata
- Music

Just the Tip

- A listener wrote in to remind us that SpinRite is terrible and a sham, and Steve Gibson should be ashamed.
 - I remind listeners to instead grab an image with ddrescue, and then perform data recovery on that image using tools such as TestDisk, PhotoRec, Scalpel, etc.

Notes

Starts at **23m20s**.

I was drinking water. Paden was drinking water. Jthan was drinking Boulder vodka.

- Samba and AD integration
 - TL; DR: don't use `realm join --user=<username> AD.DOMAIN` when joining a Samba member! Instead, use: `realm join --user=<username> --client-software=sssd --membership-software=samba AD.DOMAIN`.
 - You'll also need to install `sssd-winbind-idmap` on RHEL-like systems.
 - We also discuss use cases for Kerberos.

Here's a working `sssd.conf`:

```
[sssd]
domains = your.ad.domain
config_file_version = 2
services = nss, pam
certificate_verification = no_verification

[pam]
pam_verbosity = 2
pam_account_expired_message = Account is expired.
pam_account_locked_message = Account is locked.

[domain/your.ad.domain]
ad_domain = your.ad.domain
```

```
krb5_realm = YOUR.AD.DOMAIN
realmd_tags = manages-system joined-with-samba
cache_credentials = True
id_provider = ad
krb5_store_password_if_offline = True
default_shell = /bin/bash
ldap_id_mapping = True
#use_fully_qualified_names = True
use_fully_qualified_names = False
fallback_homedir = /home/%u
access_provider = ad
```

And here's a working smb.conf:

```
[global]
realm = YOUR.AD.DOMAIN
workgroup = YOUR
security = ads
kerberos method = secrets and keytab
template homedir = /home/%U
idmap config * : backend = tdb
idmap config * : range = 10000-199999
idmap config YOUR : backend = sss
idmap config YOUR : range = 200000-2147483647
load printers = no
printing = bsd
printcap name = /dev/null
disable spoolss = yes
machine password timeout = 0

[sharename]
comment = Share Comment
path = /opt/shared
read only = No
valid users = @"YOUR.AD.DOMAIN\Domain Users" @"YOUR.AD.DOMAIN\Domain Computers"
```

15 Clams

In this segment, Jthan shares with you a little slice of life. The title is a reference to this video. (2m16s in)

Starts at **36m40s**.

Detective Jthan tries to determine if he's getting throttled for hitting his ISP quota because his Internet connection is **terrible**.

Errata

- I was thinking of ATP.
- Edita actually cut most of the delays out. THANK GOODNESS.
 - Seriously, it was like 10x worse than it is in the recording.

Music

Music Credits

Track	Title	Artist	Link	Copyright/License
Intro	14&24	Floating Mind	click	CC-BY-NC-SA 4.0
Outro	Still + Version	Dub Cmd	click	CC-BY-NC-ND 4.0

(All music is royalty-free, properly licensed for use, used under fair use, or public domain.)

Author r00t^2

Categories Season Six

Comments

There are currently no comments on this article.