

samba4app

SerNet's Samba 4 Appliance

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- founded 1997, offices in Göttingen and Berlin
- Topics:
 - Open Source, firewalls, VPN, mail, groupware, ...
 - Information security and data protection
 - Certification, audits, verinice. (Open Source ISMS Tool)
- Samba:
 - Support, consulting, development
 - 5 Samba core team members, release management
 - sambaXP conference (www.sambaxp.org)

The Beginning



- Late 2011, Samba 4.0 was in preparation
 - ==> Create a system to extremely easily deploy a Samba AD/DC
 - ==> help testing/stabilizing Samba
- MS Small Business Server was announced to be discontinued
 - ==> Create potential future alternative **around Samba 4**
 - ==> Samba 4 provides User DB, single sign on
 - Possible additional features:
 - Groupware, Web-Proxy, SQL.-Server, ...
 - Admin-Interface (GUI / Web), ...

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- Originally presented at CeBIT 2012 (March)
 - Software „Appliance“:
 - Automatic installer
 - Interactive configurator
 - Free, Open Source
 - Target: Testing of Samba 4 alpha and beta releases
 - Version 0.6 (December 2012) based on Samba 4.0 final
 - <http://download.sernet.de/pub/samba4-appliance/>
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samba4app 0.X - features

- Customized Debian Squeeze Installer
 - Very basic Samba 4 packages
 - Light graphical system
 - Interactive domain installer „dcpromo“
 - NTP server
 - Optional: Zarafa schema extension installer
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Coming Next: samba4app 1.0



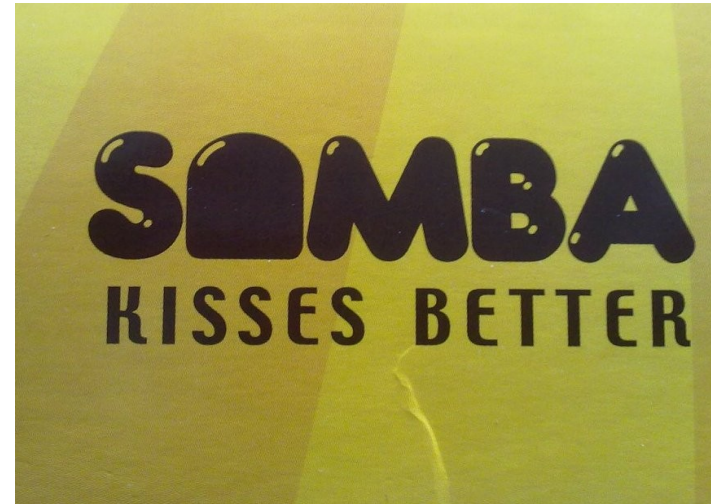
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- In preparation: Version 1.0 (preview at CeBIT 2013)
 - based on official SerNet Samba 4.0 packages
 - Zarafa Groupware included
 - Automatic/guided setup:
 - Zarafa AD schema extensions
 - Configuration of Zarafa to work against Samba4 AD
 - Basic webmin administration interface
 - Backup (WIP)
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- Moving closer to potential alternative to small business server
- Philosophy: model kit for building a custom appliance
- Provided
 - Installer CD Image
 - Packages for download / repositories
- Download:
 - <https://portal.enterprisesamba.com/> (register)
 - <https://download.sernet.de/samba4app/> (authenticate)

samba4app - components

- Debian GNU/Linux base system (squeeze)
 - SerNet Samba 4 Packages (repo 2013-05-14)
 - Zarafa packages (repo: WIP)
 - SerNet samba4app customization (repo: WIP)
 - dcpromo
 - zarafa customization
 - webmin
 - ...
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- samba:
 - AD/DC
 - LDAP
 - Kerberos KDC
 - DNS
 - SMB
- NTP
- Zarafa
 - smtp
 - imap



samba4app 1.0 - Supported platforms

- In Principle: all that Debian supports
 - Currently provided:
 - Binary Packages for i386, amd64 (x86_64)
 - Virtualization:
 - Virtualbox
 - kvm
 - Vmware
 - Hyper-V
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The Future...



samba4app 1.X with X > 0

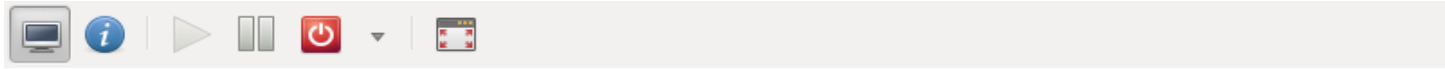
- In progress:
 - Integration of software distribution system opsi

 - Ideas/plans:
 - More advanced management
 - Squid web proxy with ntlm-auth preconfigured
 - SQL server exposed (?)
 - DHCP
 - ...
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Some Impressions



samba4app - config



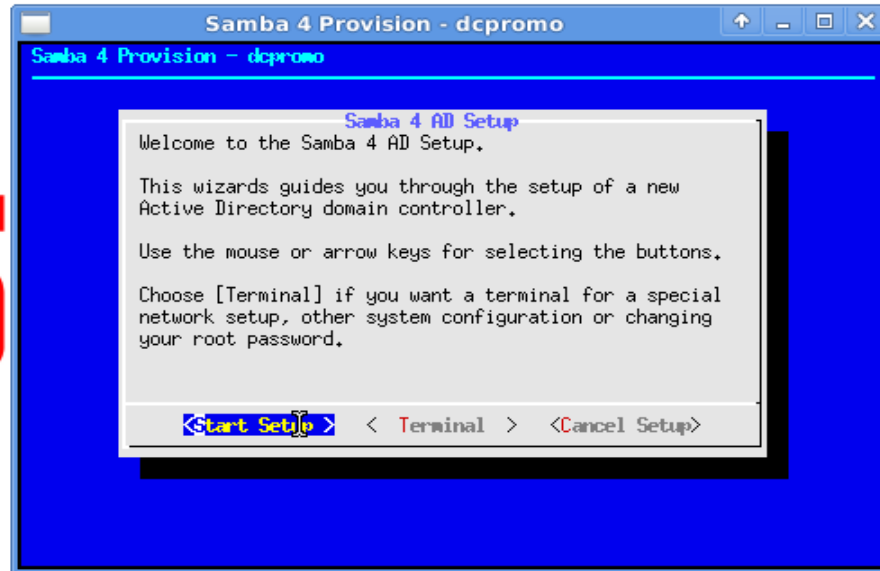
status



dcpromo



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samba4app - config



status



dcpromo



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Samba 4 Provision - dcpromo

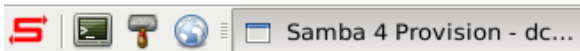
Samba 4 Provision - dcpromo

Save changes

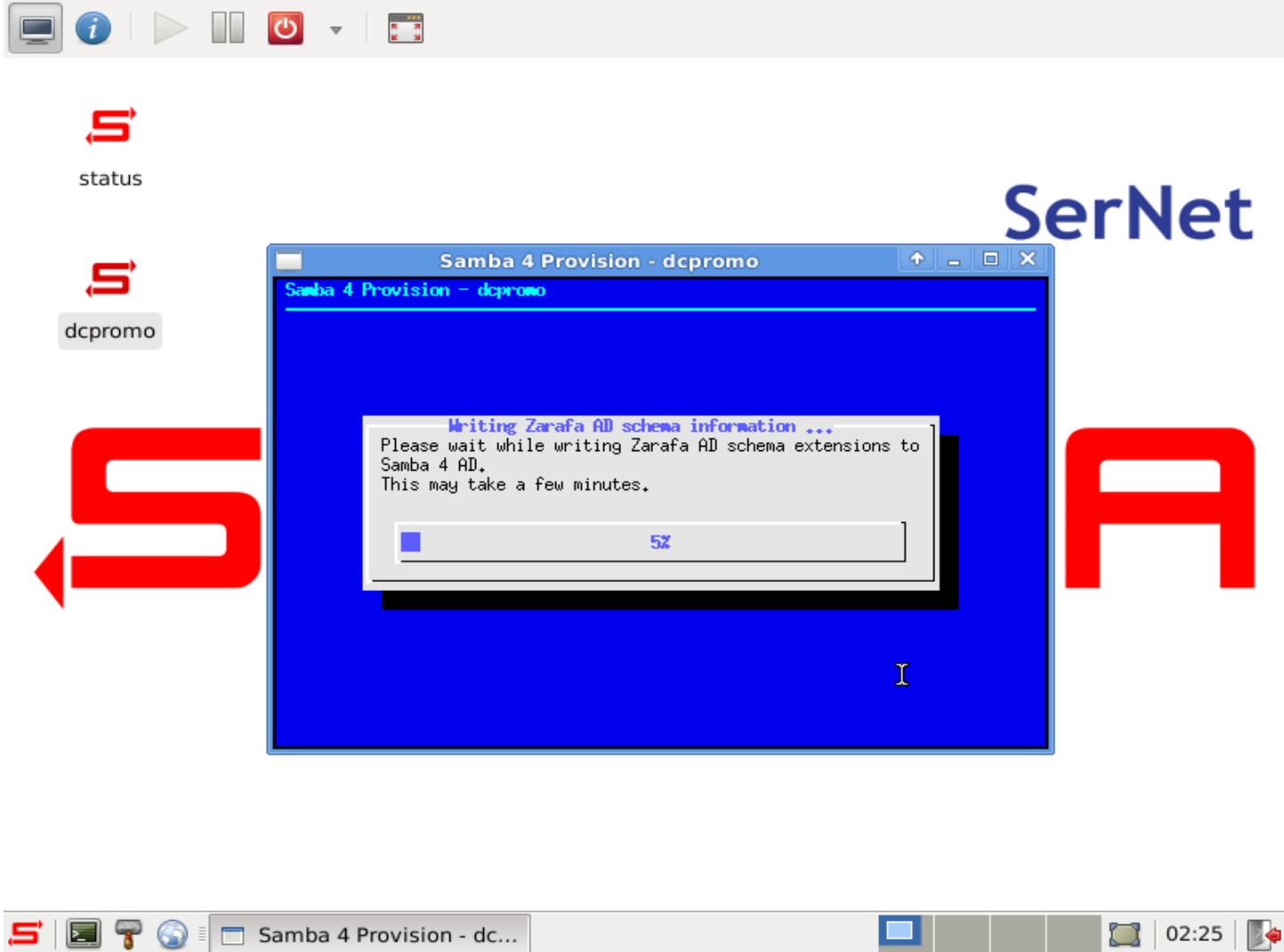
Do you want to setup Samba 4 with your configuration now?
This may take a while.

Hostname: DC
Domain Name: S4APP
Realm: S4APP.CEBIT.PRIVATE
Forwarder DNS: 192.168.122.1

< Yes > < No >



samba4app - config



samba4app - config



status



dcpromo



SerNet



Samba 4 Provision - dcpromo

Samba 4 Provision - dcpromo

Zarafa AD Integration - License

Do you have a commercial Zarafa license key?

For running the community edition continue without entering a key.

For a comparison of available Zarafa editions consult <http://www.zarafa.com/editions>

< OK > < Cancel >



Questions?

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