

## PDC -> BDC howto manual setup?

Posted by Chris Lambert - 2010/05/11 11:16

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I am looking for a howto on methods to use ClearOS to generate a BDC's for an existing PDC

Any hints or tips?

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## Re:PDC -> BDC howto manual setup?

Posted by Peter Baldwin - 2010/05/17 11:23

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We're hoping to make this possible (from the command line) in ClearOS Enterprise 5.2. In order to get a properly working PDC/BDC combination working, LDAP replication is required. That's a rather large roadblock given the complexities of getting all ClearOS applications running properly on a replicated node!

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## Re:PDC -> BDC howto manual setup?

Posted by John Terpstra - 2010/05/18 23:20

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Chris,

We will get there. As Peter indicated there are a few significant complexities that scream out for a simple solution. That is what we are trying to implement and deliver. Please bare with us for a little longer, it is coming.

### Summary of Current Status:

You will find on this web site instructions for setting up LDAP replication. I have installed several sites that have a primary ClearOS Server and a second server that is an LDAP replicate.

As things stand, it is not yet possible to use the webconfig interface on the second server (the LDAP replicate) to manage user and group accounts. Many services that can be configured on ClearOS 5.1 (and earlier) systems assumes to have full LDAP directory control.

It is possible to manually set up a Samba BDC on a current manually configured LDAP replicate, but not only is this tedious, it is also risky in respect of MS Windows machine account updates (normally these happen every 7 days).

There are a swag of things that simply have to be done right to make this workable and safe. We will get there, but like a good meal - the preparation of it can't be rushed. When we release the first cut of this we will need lots of volunteers to help break it (I mean test it).

Cheers,  
John T.

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**Re:PDC -> BDC howto manual setup?**

Posted by Chris Lambert - 2010/05/19 11:41

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I have begun a manual solution in a test environment - still using ClearOS.  
I hope to get back to it as time permits

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**Re:PDC -> BDC howto manual setup?**

Posted by Chris Lambert - 2010/07/07 10:28

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Testing of a manual setup:  
Seems to be working in general (on the test bench anyway).

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**Re:PDC -> BDC howto manual setup?**

Posted by Nik Bold - 2010/08/16 12:26

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Hi have you got any further with your testing?

I am looking for a way to to this for a client of mine.

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**Re:PDC -> BDC howto manual setup?**

Posted by Peter Baldwin - 2010/08/16 18:26

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Sorry. The initiative took a bit of a back seat with the last minute trip to the CompTIA Breakaway 2010 show. I'll circle around a little later this month.

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**Re:PDC -> BDC howto manual setup?**

Posted by Drew Vonada-Smith - 2010/10/15 22:49

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News?

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**Re:PDC -> BDC howto manual setup?**

Posted by Peter Baldwin - 2010/10/18 16:17

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I just talked to David about this a few minutes ago. He's going to finish up some loose ends in the following document (there was an update just today!):

[http://www.clearfoundation.com/docs/developer/features/samba\\_pdc\\_and\\_bdc/start](http://www.clearfoundation.com/docs/developer/features/samba_pdc_and_bdc/start)

And then yours truly will integrate some of those items into a script to help ease the pain a bit.

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### Re:PDC -> BDC howto manual setup?

Posted by Drew Vonada-Smith - 2010/10/20 07:11

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This went really smoothly for me. No problems at all, even without a script!

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### Re:PDC -> BDC howto manual setup?

Posted by Drew Vonada-Smith - 2010/10/20 07:48

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Why do I \*always\* speak too soon?

All my accounts were correctly replicated in the BDC so I thought that all was well. Today, I noticed that the instructions had changed a little, so I tried this on the BDC:

```
pdbedit -L
```

and received the response:

```
failed to bind to server ldap://127.0.0.1 with dn="cn=manager,cn=internal,dc=whisperingwoods,dc=org"
Error: Invalid credentials
      (unknown)
Connection to LDAP server failed for the 1 try!
Connection to LDAP server failed for the 2 try!
Connection to LDAP server failed for the 3 try!
```

I assume that this is not correct. Any suggestions? Should I wipe the BDC LDAP and try again with updated instructions?

Drew Vonada-Smith wrote:

This went really smoothly for me. No problems at all, even without a script!

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### Re:PDC -> BDC howto manual setup?

Posted by David Loper - 2010/10/29 00:14

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When setting up a BDC it is best to start with a blank slate.

Setup the LDAP replication first and use the same password that you use for LDAP on the Master server.

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## Re:PDC -> BDC howto manual setup?

Posted by Drew Vonada-Smith - 2010/10/29 07:16

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By blank slate, do you mean a new installation, or just wiping out LDAP? I did do the latter, but not the former.

Thanks,  
Drew

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## Re:PDC -> BDC howto manual setup?

Posted by weimar - 2010/10/29 12:09

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Greetings, I have worked stopping the LDAP service and LDAPSYNC, I deleted the files in /var/lib/ldap except DB\_CONFIG located in the same folder and accesslog

LDAP service started I changed the permissions, I return to stop and start the LDAP, run ldapsync, finally start the service LDAPSYNC

However I have the same problem with pdbedit-L

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## Re:PDC -> BDC howto manual setup?

Posted by Kismet - 2011/09/09 11:18

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I need some help guys,

I have been able to follow the HOW-TO guide to setup the PDC and BDC. The LDAP on the BDC is synched with the master and I can see all the user accounts and machine accounts. However, while proceeding with the rest of the instructions in the manual, I ran into an error which says: "Unable to find a suitable server for domain CENTRALTRUCK"

Note that the Windows Networking is STOPPED on the second server (BDC).

Here's a printout of the error:

```
# ldapsetup -f
What is the role of this server (standalone, master, replicate)?: replicate
What is your domain (e.g. example.com)?: centraltruck.lan
What is the hostname of the master LDAP server?: 172.23.6.127
```

Specify the master LDAP password?: The following settings will be used to set up LDAP

Role: replicate  
Master: 172.23.6.127  
Domain: centraltruck.lan  
Password: \*\*\*\*\*

Shutting down SMB services:

Stopping slapd:

Starting slapd:

Stopping Idapsync:

Starting Idapsync:

# touch /etc/system/initialized/sambalocal

# service winbind start

Starting Winbind services:

# smbpasswd -w securepassword

Setting stored password for "cn=manager,cn=internal,dc=centraltruck,dc=lan" in secrets.tdb

# net rpc getsid CENTRALTRUCK

Unable to find a suitable server for domain CENTRALTRUCK

# net rpc getsid MYDOMAIN

Unable to find a suitable server for domain CENTRALTRUCK

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## Re:PDC -> BDC howto manual setup?

Posted by Kismet - 2011/09/15 08:59

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Guys,

So something strange is happening here - and I need your help. The net rpc getsid command doesn't work on the BDC unless I add the IP address of the PDC.....why is this?

# net rpc getsid CENTRALTRUCK

Unable to find a suitable server for domain CENTRALTRUCK

# net rpc getsid CENTRALTRUCK -I 172.23.6.127

Storing SID S-1-5-21-2983252645-957758320-1681478634 for Domain CENTRALTRUCK in secrets.tdb

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