

Join AD using PBIS Open

If using static IPs, then make sure to set dns-search parameter. Edit etc/network/interfaces

```
dns-search contoso.com
dns-nameservers 192.168.0.100 ##the IP address of your domain controller
```

Download PBIS Open from here: [Download releases](#)

```
chmod a+x pbis-open-8.0.0.2016.linux.x86_64.deb.sh
sudo ./pbis-open-8.0.0.2016.linux.x86_64.deb.sh
sudo reboot
```

“No” you do not need “legacy links”

```
sudo domainjoin-cli join contoso.com admin@contoso.com
reboot
```

```
cd /opt/pbis/bin
sudo ./config UserDomainPrefix contoso
sudo ./config AssumeDefaultDomain true
sudo ./config LoginShellTemplate /bin/bash
sudo ./config Local_LoginShellTemplate /bin/bash
sudo ./config HomeDirTemplate %H/%D/%U
sudo ./update-dns
sudo ./ad-cache --delete-all
```

Edit /etc/lightdm/lightdm.conf for Ubuntu 13.10 and earlier, or /usr/share/lightdm/lightdm.conf.d/50-unity-greeter.conf for Ubuntu 14.04 and later, and add the following line :

```
greeter-show-manual-login=true
```

Then restart lightdm :

```
sudo service lightdm restart
```

Update /etc/sudoers which is done via VISUDO. NANO is the default text editor. If you want to change to something else (I prefer “vim”) use the following command

```
sudo update-alternatives --config editor
```

Now edit sudoers

```
sudo visudo
```

add the following line

```
%domain^admins ALL=(ALL) ALL
```

The change should work immediately You can create a new group just for linux admins and add that group

If you didn't set the UserDomainPrefix and AssumeDefaultDomain, group names should be prefixed by netbios domain name CONTOSO\domain^admins

Notice the double “\” – it is necessary (not a typo)

Main config file of PBIS is /opt/pbis/bin/config and running a dump of that file will show all the options that has been set in previous step:

```
sudo /opt/pbis/bin/config --dump
```

Now, there is also a small bug in PAM (an authentication module used by PBIS). We need to modify a config file. You can do this via the following: vim /etc/pam.d/common-session

Find the line that says “session sufficient pam_lsass.so” and change it to read this: session [success=ok default=ignore] pam_lsass.so

[\[active directory, linux, pbis open\]](#)

From:

<https://wiki.plecko.hr/> - **Eureka Moment**

Permanent link:

https://wiki.plecko.hr/doku.php?id=linux:ad_integration:pbis_open

Last update: **2019/10/31 09:05**

