

ITALC ON LTSP

WAN - LTSP(ROUTER) - LAN

WAN : 192.168.100.1

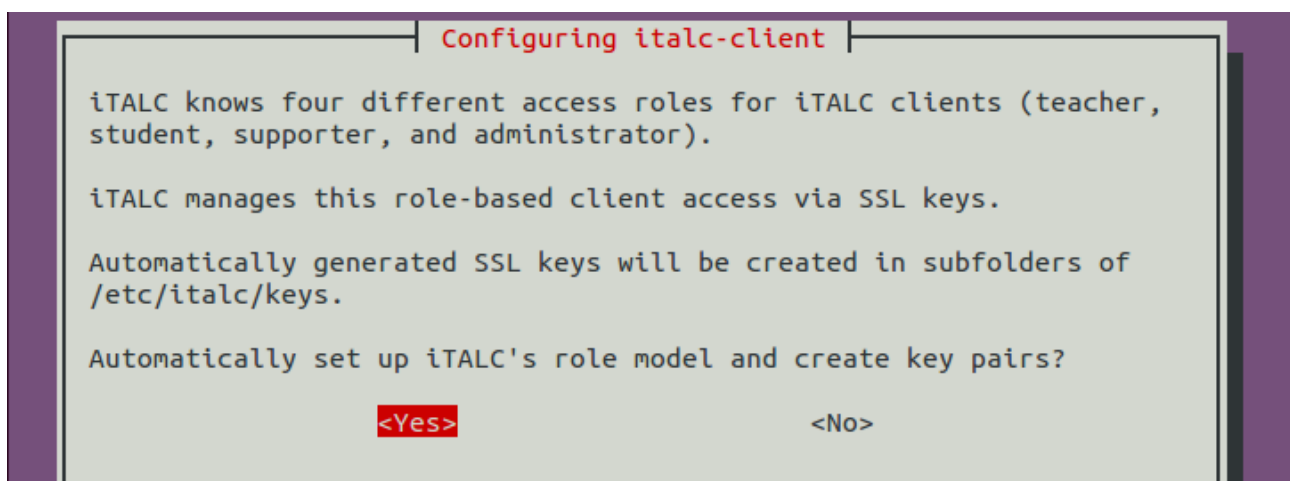
LTSP : eth1 192.168.100.10 / eth0 192.168.2.1

LAN : 192.168.2.0/24

1. install ITALC di server

```
root@raisa: /home/padli
root@raisa:/home/padli# apt-get install libitalc italc-master
Reading package lists... Done
Building dependency tree
Reading state information... Done
Note, selecting 'libitalccore' instead of 'libitalc'
The following extra packages will be installed:
  italc-client italc-management-console
The following NEW packages will be installed:
  italc-client italc-management-console italc-master libitalccore
0 upgraded, 4 newly installed, 0 to remove and 569 not upgraded.
Need to get 1.833 kB of archives.
After this operation, 3.853 kB of additional disk space will be used.
Do you want to continue? [Y/n]
```

yes yes saja



2. install ITALC di client

```
root@raisa: /home/padli
root@raisa:/home/padli# chroot /opt/ltsp/i386 apt-get install italc-client
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  italc-management-console libitalccore
The following NEW packages will be installed:
  italc-client italc-management-console libitalccore
0 upgraded, 3 newly installed, 0 to remove and 0 not upgraded.
Need to get 1.224 kB of archives.
After this operation, 2.881 kB of additional disk space will be used.
Do you want to continue? [Y/n]
```

3. pada server tambahkan user root & padli ke group admin & teacher ITALC

```
root@raisa: /home/padli
root@raisa:/home/padli# usermod -a -G italc-admin root
root@raisa:/home/padli# usermod -a -G italc-teacher padli
root@raisa:/home/padli#
```

```
root@raisa: /home/padli
GNU nano 2.2.6 File: /etc/group

pulse:x:122:
pulse-access:x:123:
padli:x:1000:
sambashare:x:124:padli
dhcpd:x:125:
nbd:x:126:
tftp:x:127:
raisa:x:1001:
uli:x:1002:
italc-student:x:128:
italc-admin:x:129:root
italc-supporter:x:130:
italc-teacher:x:131:padli

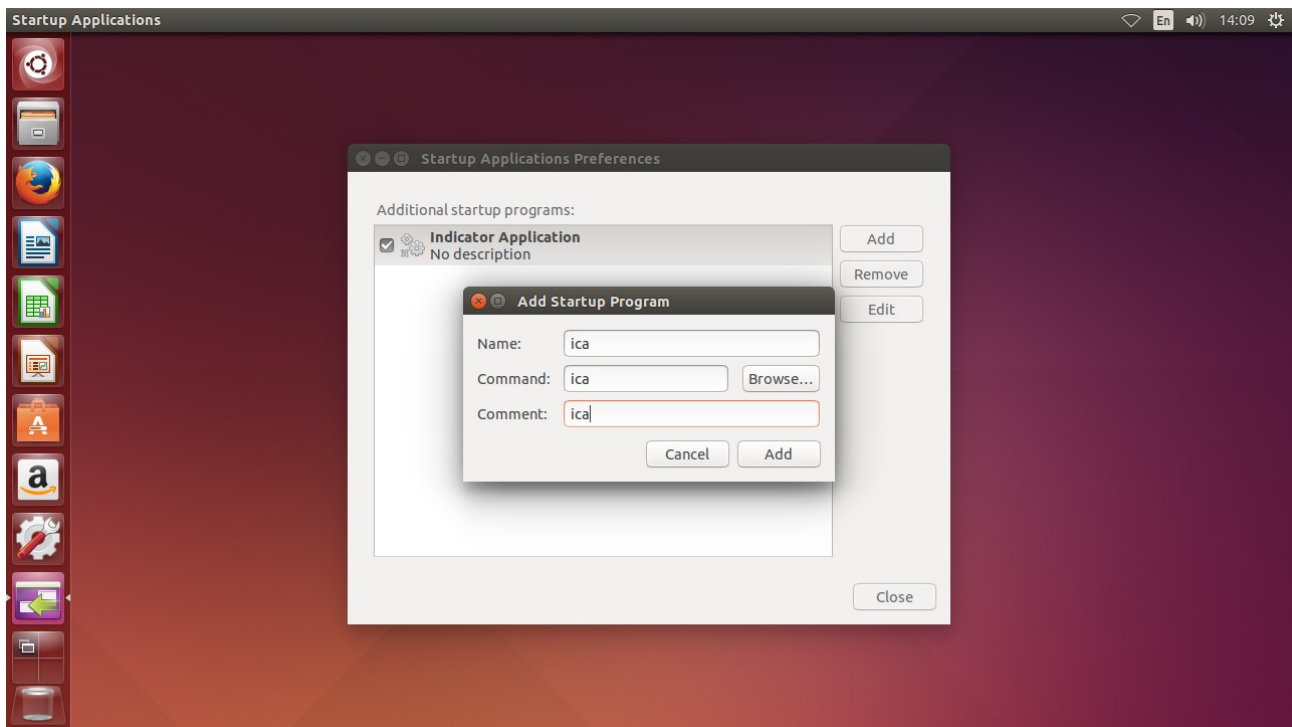
```

^G Get Help	^O WriteOut	^R Read File	^Y Prev Page	^K Cut Text	^C Cur Pos
^X Exit	^J Justify	^W Where Is	^V Next Page	^U UnCut Text	^T To Spell

4. ubah hak akses ITALC server dan copy ke ITALC client

```
root@raisa: /home/padli
root@raisa:/home/padli# chmod -R 777 /etc/italc/
root@raisa:/home/padli# cp -avr /etc/italc/keys/ /opt/ltsp/i386/etc/italc/
```

5. set ITALC server agar start saat booting



```
padli@raisa: ~
padli@raisa:~$ more .config/autostart/ica.desktop
[Desktop Entry]
Type=Application
Exec=ica
Hidden=false
NoDisplay=false
X-GNOME-Autostart-enabled=true
Name[en_US]=ica
Name=ica
Comment[en_US]=ica
Comment=ica
padli@raisa:~$
```

6. copy file startup di server ke masing2 client dan ubah hak akses

```
root@raisa: /home/raisa/.config
root@raisa:/home/raisa/.config# cd /home/raisa/.config/
root@raisa:/home/raisa/.config# ls
compiz-1  evolution      gtk-3.0  libaccounts-glib  pulse  user-dirs.dirs
dconf     gnome-session  ibus     nautilus          unity  user-dirs.locale
root@raisa:/home/raisa/.config# cp -avr /home/padli/.config/autostart/ /home/raisa/.config/
'/home/padli/.config/autostart/' -> '/home/raisa/.config/autostart/'
'/home/padli/.config/autostart/ica.desktop' -> '/home/raisa/.config/autostart/ica.desktop'
root@raisa:/home/raisa/.config# ls
autostart  evolution      ibus          pulse          user-dirs.locale
compiz-1   gnome-session  libaccounts-glib  unity
dconf      gtk-3.0        nautilus      user-dirs.dirs
root@raisa:/home/raisa/.config# chmod -R 777 autostart/
root@raisa:/home/raisa/.config# ls -al autostart/
total 12
drwxrwxrwx  2 padli padli 4096 Jun  9 14:09 .
drwx----- 13 raisa raisa 4096 Jun  9 14:13 ..
-rwxrwxrwx  1 padli padli 158 Jun  9 14:09 ica.desktop
```

7. set file italc.conf client, set 0 pada [Authentication] (agar master bisa remote tanpa insert passwd)

```
root@raisa: /home/padli
GNU nano 2.2.6 File: /opt/ltsp/i386/etc/italc/italc.conf Modified

#debconf# CONFIGURATION TRIGGER #####
#debconf#
#debconf# Note: if you want to automatically have your iTALC instance re-config$
#debconf# debconf, then make sure you replace your existing configuration file $
#debconf# file.
#debconf#
[Authentication]
KeyAuthenticationEnabled=0
LogonAuthenticationEnabled=0
LogonGroups="ITALC_GROUP_ADMIN,ITALC_GROUP_SUPPORTER,ITALC_GROUP_TEACHER,ITALC_$
PermissionRequiredWithKeyAuthentication=0
PermissionRequiredWithLogonAuthentication=0
PrivateKeyBaseDir=$GLOBALAPPDATA/keys/private
PublicKeyBaseDir=$GLOBALAPPDATA/keys/public
SameUserConfirmationDisabled=0

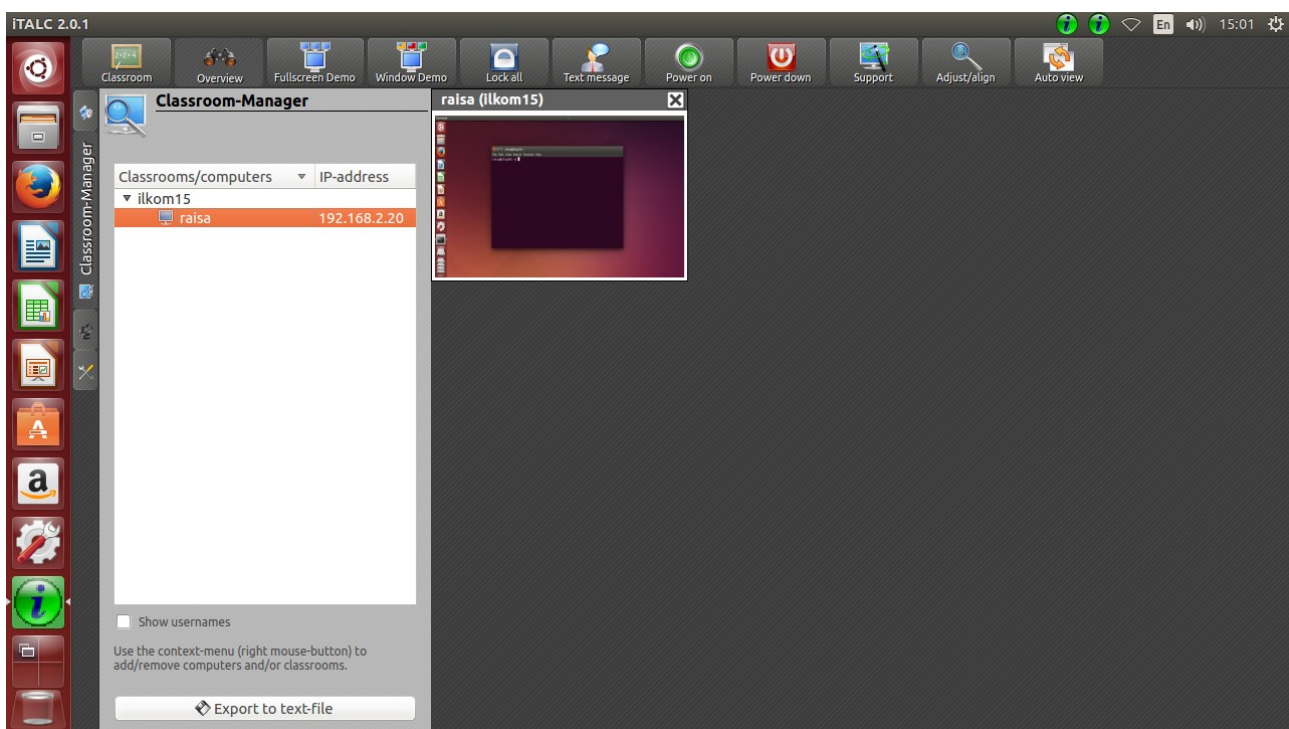
[DemoServer]
Backend=0
Multithreaded=1

^G Get Help ^O WriteOut ^R Read File ^Y Prev Page ^K Cut Text ^C Cur Pos
^X Exit ^J Justify ^W Where Is ^V Next Page ^U UnCut Text ^T To Spell
```

8. update image client LTSP

```
root@raisa: /home/padli
root@raisa:/home/padli# ltsp-update-sshkeys
root@raisa:/home/padli# ltsp-update-image
Parallel mksquashfs: Using 2 processors
Creating 4.0 filesystem on /opt/ltsp/images/i386.img.tmp, block size 131072.
[- ] 900/96318 0%
```

9. tes ITALC master di server



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