

Network Test Cases

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1 p2p sub Component

1. Following packages are subject to installation test:

```
gift
gift-ares
gift-fasttrack
gift-gnutella
gift-openft
giftcurs
```

2. After installation linuxdcpp package: Enter a nick from Preferences tab.

Open the application from Kmenu and try to connect a crowded hub. Observe that connection established without any problem.

2 Download sub component

1. After installation youtube-dl package:

Execute following command and observe a file with .flv extension is downloaded.

```
# youtube-dl http://www.youtube.com/watch?v=5u2q3P60XEk
```

3 Chat sub component

1. After choqok package:

Run the program and if you have a twitter account, save your account information and observe you will be connected twitter correctly.

2. After konversation and konversation-docs packages:

Run the program and observe you can connect default channels.

3. After installation pidgin package: Run the program and save your account information and observe you can connect correctly.

4 Web sub component

1. After installation links package:

Run the below command and observe that the google main page opened on console.

```
# links www.google.com
```

2. After installation bilbo package:

Open the application from Kmenu and enter a blog title and subject and save it locally. Observe that it runs correctly.

If you have a blog, follow Blog → Add Blog path and add your blog and try to send a new blog.

3. After installation firefox and arora package:

- Observe buttons work correctly on page below.

<http://www.croczilla.com/~alex/old-site/dom2.xml>

- (for Firefox) Observe .firefox directory which is on Home directory had not regenerated.
Observe your bookmarks had not lost.
Observe pages which are opened recently opens correctly when reload.
- Open the site below and try watch video full screen, observe sound and display are correct.
http://www.dailymotion.com/video/x3akre_loreena-mckennitt-all-souls-night-1
- Try download a document under
<http://cekirdek.pardus.org.tr/~semen/dist/test/office/openoffice/>
and observe the save as window is appeared.
Download this file and observe the download window is appeared correctly.
- Run a few video from
<http://cekirdek.pardus.org.tr/~semen/dist/test/multimedia/video/cokluortam/>
and observe they can run on firefox.

5 Monitor sub component

1. After installation wireshark package: Run Wireshark, select eth0 from interface list and observe related packages with this interface will be listed.

6 Mail sub component

1. After installation thunderbird and sylpheed packages:
 - Create an e-mail account.
 - Observe can receive Mail.
 - Observe can send Mail.
 - Observe can create filter.
 - If we are already using thunderbird, observe the .thunderbird directory is not deleted under Home.
2. After spamassassin and spamd packages:
 - 2.1. After installation related packages:
 - 2.2. Run Applications → Kmail from Menu and for to activate spam filter;
 - 2.2.1. Follow Tools → Spam Blocking Wizard path from Kmail menubar.
 - 2.2.2. Open the spam filter which is you downloaded.
 - 2.2.3. Right click an email and follow Apply filter → Categorize filter as junk mail path from combobox.
Observe this spam is gone to spam folder.(If you have not change, default spam folder is recycle folder.)
 - 2.2.4. Download gtube.txt from link below.
<http://spamassassin.apache.org/gtube/>
 - 2.2.5. Execute the following command:

```
cat gtube.txt | spamc
```

The command will return an output like this:
If your spam filter supports it, the GTUBE provides a test by which you can verify that the filter is installed correctly and is detecting incoming spam. You can send yourself a test mail containing the following string of characters (in upper case and with no white spaces and line breaks):
XJS*C4JDBQADN1.NSBN3*2IDNEN*GTUBE-STANDARD-ANTI-UBE-TEST-EMAIL*C.34X
You should send this test mail from an account outside of your network.
 - 2.2.6. After that copy this encrypted part and mail to yourself.
Observe this mail is gone to spam folder directly.

7 Plugin sub component

1. After installation flashplugin package:

Install the Opera package and observe video is worked correctly which is on link below.

Can it be full-screen? Is there any sound problem?

```
http://www.dailymotion.com/relevance/search/lorena+mckennit/video/xd9s3_princesse-mononoke-studioslorenna
```

2. After installation gecko-mediaplayer package:

- Observe gecko-mediaplayer is being added on Firefox → Edit → Options → Manage add-ons → Plugins.
- Run videos on firefox which are in directory below and observe they run correctly.

```
http://cekirdek.pardus.org.tr/~semen/dist/test/multimedia/video/cokluortam/
```

8 Ftp sub component

1. After installation lftp package:

```
# lftp http://ftp.pardus.org.tr/pub/  
# ls  
# cd pardus
```

Observe these commands run correctly.

9 Connection sub component

1. After installation ifplugd package:

Observe that the network manager can list the networks and can activate and inactivate the network without any problem.

2. Following packages subject to installation test.

```
iw  
wireless-regdb
```