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[SOLVED] Access web server on localhost without networking?

Networking & Wireless
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May 27th, 2010   #**1**

linfidel
Way Too Much Ubuntu
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Join Date: May 2007
Location: Pleasant Hill, California
Beans: 267
Ubuntu 10.04 Lucid Lynx

Access web server on localhost without networking?

I have a laptop with Apache, MySQL, PHP, etc, and I'm able to work on web programming on my local server while at home, connected to my network. But I would like to be able to work on the local websites when I'm not connected to any networks, both for demonstrating a site, or simply working on it.

I was surprised to find that I could not connect to localhost at all without a network connection. I tried my normal Google for a solution, but, of course, that was futile without a network. 😀

Now, I'm at home, and of course, it works because I have wireless. I don't really want to disconnect that to figure it out, so I thought maybe some nice soul here might know how to do this. Surely it can't be hard, can it? But, it's certainly not obvious. Anyone know how to do this?

_____
-- Marty Fried
ubuntu @ leftcoast-usa (.) com
Do Ubuntu
The Ubuntu Counter Project - user number # 14676

► QUOTE

May 27th, 2010   #**2**

diesch
Has an Ubuntu Drip
☕ ☕ 🥜 🥜 🥜

:-)

Re: Access web server on localhost without networking?

What do you mean by "ould not connect to localhost"? What does

Code:
```
dig localhost
```

on the command line print?

By default you can connect to localhost without any external network, and apache is listening on localhost.

_____

http://www.fsf.org/news/fsf-says-tak...m-against-acta

http://www.florian-diesch.de/
http://identi.ca/diesch/

Join Date: Sep 2009
Location: Freiburg/Germany
Beans: 721
Ubuntu 10.04 Lucid Lynx

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🗎 May 28th, 2010   #**3**

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linfidel
Way Too Much Ubuntu

🖜 🖜 🖜 🖜 🖜

Join Date: May 2007
Location: Pleasant Hill, California
Beans: 267
Ubuntu 10.04 Lucid Lynx

Re: Access web server on localhost without networking?

Quote:

> Originally Posted by **diesch** 🖾
> *What do you mean by "could not connect to localhost"? What does*
>
> > *Code:*
> > ```
> > dig localhost
> > ```
>
> *on the command line print?*

Sorry for my vagueness there - I feel like such a newbie. Normally, I'm pretty good at troubleshooting, but I'm really not up to speed with Linux networking. I've been unfortunate in that I haven't had any hard problems, so I've never been forced to learn more.

In answer to the 1st question, I meant that using a browser, when I entered "http://localhost" (or any of my usual local URLs), I got an error from the browser - not from Apache. After getting connected to the wireless network that was available, I was then able to connect to the web server.

Trying "http://127.0.0.1/" also gave the same results. Error was 105, "ERR_NAME_NOT_RESOLVED, The server could not be found." But I was able to ping localhost successfully.

In answer to your 2nd question... I'll post a 2nd response from the laptop - right now I'm on my desktop, as usual.

Here is what I get while connected to the home wireless and wired (via a 2wire gateway):

Code:
```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 5539
;; flags: qr aa rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1

;; QUESTION SECTION:
;localhost.                     IN      A

;; ANSWER SECTION:
localhost.              0       IN      A       127.0.0.1

;; AUTHORITY SECTION:
localhost.              41728   IN      NS      homeportal.gateway.2wire.net.

;; ADDITIONAL SECTION:
homeportal.gateway.2wire.net. 41728 IN  A       192.168.1.254

;; Query time: 14 msec
;; SERVER: 192.168.1.254#53(192.168.1.254)
;; WHEN: Fri May 28 09:16:22 2010
;; MSG SIZE  rcvd: 119
```

With wireless disabled on the gateway, I get a delay, then

Code:
```
;<<>> DiG 9.6.1-P2 <<>> localhost
;; global options: +cmd
;; connection timed out; no servers could be reached
```

Thanks for your help so far.

Quote:

> Originally Posted by **diesch** 🖉
> *By default you can connect to localhost without any external network, and apache is listening on localhost.*

That's what I was assuming. I was surprised when it didn't work. Maybe I should check my hosts file, since I've messed with it a bit to add local development domains for sites I'm working on.

_____
-- Marty Fried
ubuntu @ leftcoast-usa (.) com
Do Ubuntu
The Ubuntu Counter Project - user number # 14676

Last edited by linfidel; May 28th, 2010 at 12:43 PM.. Reason: Added section

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🖼 May 28th, 2010   #**4**

linfidel
Way Too Much Ubuntu
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Join Date: May 2007
Location: Pleasant Hill,
California
Beans: 267
Ubuntu 10.04 Lucid Lynx

Re: Access web server on localhost without networking?

I found the problem.

It turns out to be an issue with Google Chrome, which I use on the laptop because it's faster. I found that it works with Firefox. Then I learned there is a known bug/issue that recently came up with Chrome. It has to do with disabling IPV6, and the workaround is to run chrome with a command line ending in "--enable-ipv6", which I confirmed did work.

Sorry for any confusion or wasted effort on anyone's part.

_____
-- Marty Fried
ubuntu @ leftcoast-usa (.) com
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