

Apt-get unable to connect to IPv6 address

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Recently I had the problem that running apt-get update stalled while trying to connect to an IPv6 address. For instance, on a Raspberry Pi, the update process stalls while trying to connect to archive.raspberrypi.org. All other connections worked fine. Looking at the console output, a difference was that apt was trying to connect to an IPv6 address.

The problem was caused by:

```
100% [Connecting to archive.raspberrypi.org (2a00:1098:0:80:1000:13:0:8)]
```

A quick internet search showed that you can force apt to not use IPv6 and only IPv4. As the download worked for IPv4, this seems like a reasonable workaround.

Solution

You can pass a parameter to disable IPv4 to apt-get, or write it to apt config file to make it persistent.

Configuration file

Create a new configuration file. This makes it easy for you to keep the change during updates and to know that you configured this.

```
sudo vim /etc/apt/apt.conf.d/99disable-  
ipv6  Insert Acquire::ForceIPv4 "true";  Save  apt-get update
```

Parameter

It's full of stars!

~~Where documentation meets reality~~

To disable IPv6 just once while calling apt, the parameter is `Acquire::ForceIPv4=true`.

```
sudo apt-get -o Acquire::ForceIPv4=true update
```

Result

Loading the package data from archive raspberrypi.org is now ignored and apt-get update works again.