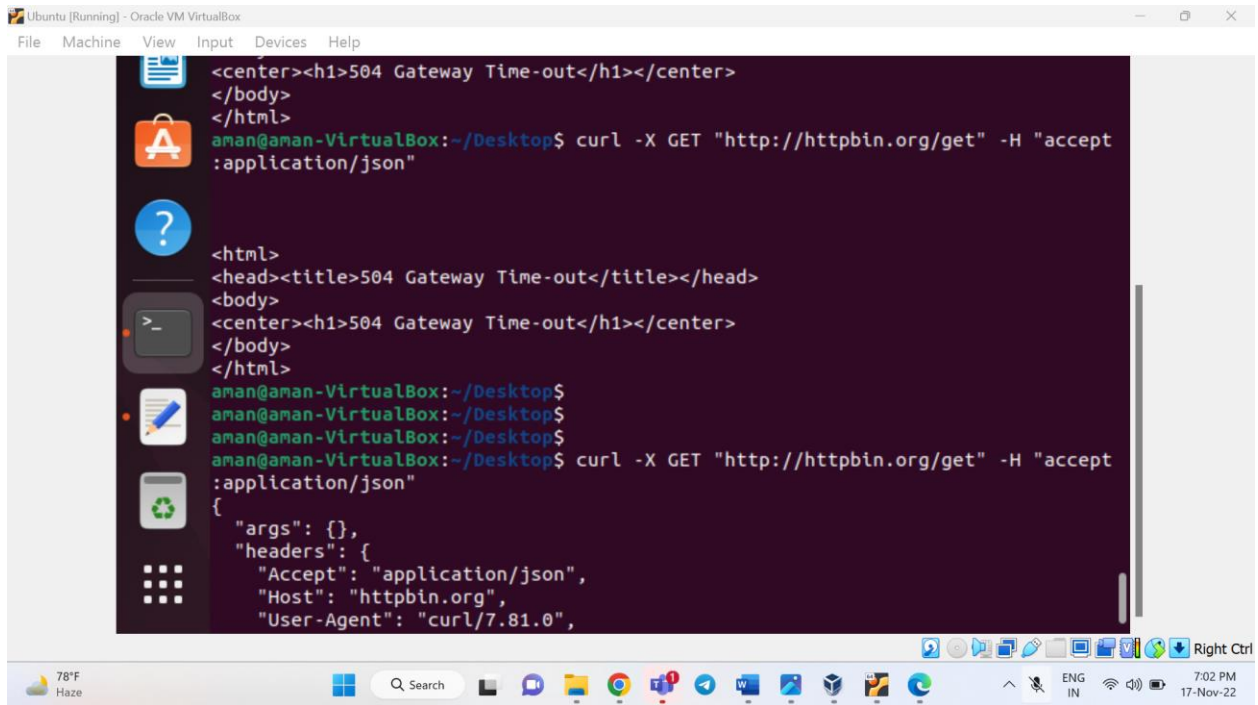Question 4   :

Download **curl** if you don't have the package on your Source machine. Ensure you have it
Get the status code of this URL.
curl -X GET "http://httpbin.org/get" -H "accept: application/json"
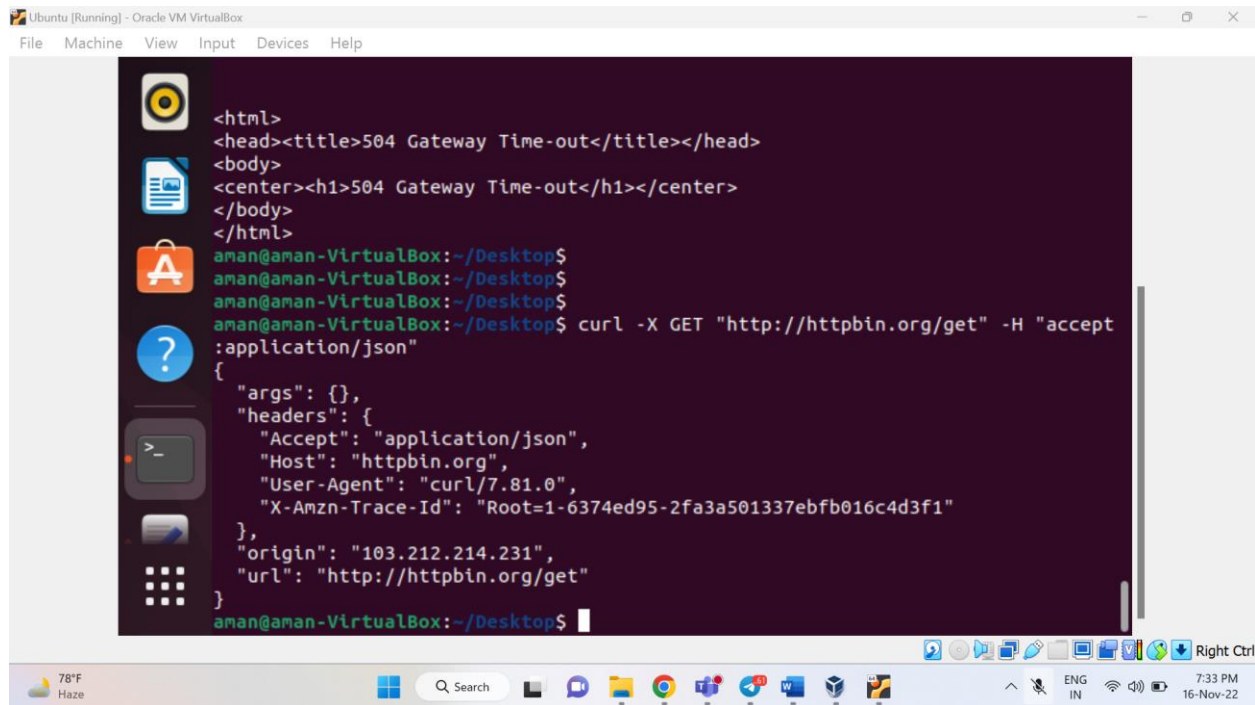
Solution   :

Code :

aman@aman-VirtualBox:~/Desktop$ sudo apt install curl

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

The following packages were automatically installed and are no longer required:

 chromium-codecs-ffmpeg-extra gstreamer1.0-vaapi i965-va-driver

 intel-media-va-driver libaacs0 libaom3 libass9 libavcodec58 libavformat58

 libavutil56 libbdplus0 libblas3 libbluray2 libbs2b0 libchromaprint1

 libcodec2-1.0 libdav1d5 libflashrom1 libflite1 libftdi1-2 libgme0 libgsm1

 libgstreamer-plugins-bad1.0-0 libigdgmm12 liblilv-0-0 libmfx1 libmysofa1

 libnorm1 libopenmpt0 libpgm-5.3-0 libpostproc55 librabbitmq4 librubberband2

 libserd-0-0 libshine3 libsnappy1v5 libsord-0-0 libsratom-0-0

 libsrt1.4-gnutls libssh-gcrypt-4 libswresample3 libswscale5 libudfread0

libva-drm2 libva-wayland2 libva-x11-2 libva2 libvdpau1 libvidstab1.1

  libx265-199 libxvidcore4 libzimg2 libzmq5 libzvbi-common libzvbi0

  mesa-va-drivers mesa-vdpau-drivers pocketsphinx-en-us va-driver-all

  vdpau-driver-all

Use 'sudo apt autoremove' to remove them.

The following NEW packages will be installed:

  curl

0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.

Need to get 194 kB of archives.

After this operation, 453 kB of additional disk space will be used.

Get:1 http://in.archive.ubuntu.com/ubuntu jammy-updates/main amd64 curl amd64 7.81.0-1ubuntu1.6 [194 kB]

Fetched 194 kB in 1s (345 kB/s)

Selecting previously unselected package curl.

(Reading database ... 203801 files and directories currently installed.)

Preparing to unpack .../curl_7.81.0-1ubuntu1.6_amd64.deb ...

Unpacking curl (7.81.0-1ubuntu1.6) ...

Setting up curl (7.81.0-1ubuntu1.6) ...

Processing triggers for man-db (2.10.2-1) ...

aman@aman-VirtualBox:~/Desktop$ curl --version

curl 7.81.0 (x86_64-pc-linux-gnu) libcurl/7.81.0 OpenSSL/3.0.2 zlib/1.2.11 brotli/1.0.9 zstd/1.4.8 libidn2/2.3.2 libpsl/0.21.0 (+libidn2/2.3.2) libssh/0.9.6/openssl/zlib nghttp2/1.43.0 librtmp/2.3 OpenLDAP/2.5.13

Release-Date: 2022-01-05

Protocols: dict file ftp ftps gopher gophers http https imap imaps ldap ldaps mqtt pop3 pop3s rtmp rtsp scp sftp smb smbs smtp smtps telnet tftp

Features: alt-svc AsynchDNS brotli GSS-API HSTS HTTP2 HTTPS-proxy IDN IPv6 Kerberos Largefile libz NTLM NTLM_WB PSL SPNEGO SSL TLS-SRP UnixSockets zstd

aman@aman-VirtualBox:~/Desktop$ curl -X GET "http://httpbin.org/get" -H "accept:application/json"

<html>

<head><title>504 Gateway Time-out</title></head>

<body>

<center><h1>504 Gateway Time-out</h1></center>

</body>

</html>

aman@aman-VirtualBox:~/Desktop$ curl -X GET "http://httpbin.org/get" -H "accept:application/json"

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aman@aman-VirtualBox:~/Desktop$ curl -X GET "http://httpbin.org/get" -H "accept:application/json"

```json
{
  "args": {},
  "headers": {
    "Accept": "application/json",
    "Host": "httpbin.org",
    "User-Agent": "curl/7.81.0",
    "X-Amzn-Trace-Id": "Root=1-6374ed95-2fa3a501337ebfb016c4d3f1"
  },
  "origin": "103.212.214.231",
  "url": "http://httpbin.org/get"
```

}