

```
Starting Nmap 7.80 ( https://nmap.org ) at 2020-05-28 08:24 Mountain Daylight Time
NSE: Loaded 151 scripts for scanning.
NSE: Script Pre-scanning.
Initiating NSE at 08:24
Completed NSE at 08:24, 0.00s elapsed
Initiating NSE at 08:24
Completed NSE at 08:24, 0.01s elapsed
Initiating NSE at 08:24
Completed NSE at 08:24, 0.00s elapsed
Initiating ARP Ping Scan at 08:24
Scanning 192.168.0.110 [1 port]
Completed ARP Ping Scan at 08:24, 0.59s elapsed (1 total hosts)
Initiating Parallel DNS resolution of 1 host. at 08:24
Completed Parallel DNS resolution of 1 host. at 08:24, 0.00s elapsed
Initiating SYN Stealth Scan at 08:24
Scanning octopi.morgan.local (192.168.0.110) [1000 ports]
Discovered open port 80/tcp on 192.168.0.110
Discovered open port 443/tcp on 192.168.0.110
Discovered open port 8080/tcp on 192.168.0.110
Discovered open port 22/tcp on 192.168.0.110
Completed SYN Stealth Scan at 08:24, 1.59s elapsed (1000 total ports)
Initiating Service scan at 08:24
Scanning 4 services on octopi.morgan.local (192.168.0.110)
Completed Service scan at 08:25, 95.31s elapsed (4 services on 1 host)
Initiating OS detection (try #1) against octopi.morgan.local (192.168.0.110)
Retrying OS detection (try #2) against octopi.morgan.local (192.168.0.110)
Retrying OS detection (try #3) against octopi.morgan.local (192.168.0.110)
Retrying OS detection (try #4) against octopi.morgan.local (192.168.0.110)
Retrying OS detection (try #5) against octopi.morgan.local (192.168.0.110)
NSE: Script scanning 192.168.0.110.
Initiating NSE at 08:26
Completed NSE at 08:26, 15.17s elapsed
Initiating NSE at 08:26
Completed NSE at 08:26, 1.50s elapsed
Initiating NSE at 08:26
Completed NSE at 08:26, 0.00s elapsed
Nmap scan report for octopi.morgan.local (192.168.0.110)
Host is up (0.0040s latency).
Not shown: 996 closed ports
PORT      STATE SERVICE          VERSION
22/tcp    open  ssh              OpenSSH 7.9p1 Raspbian 10+deb10u2 (protocol 2.0)
| ssh-hostkey:
|   2048 bf:5b:ee:81:9d:05:bb:3f:3c:64:df:e8:b0:10:22:9e (RSA)
|   256 4e:e5:67:c2:ce:e5:55:e5:44:8a:b3:f7:80:b4:fd:3d (ECDSA)
|_  256 45:12:b4:6d:d2:86:b7:3b:f4:55:77:00:b8:94:01:b6 (ED25519)
80/tcp    open  http-proxy       HAProxy http proxy 1.3.1 or later
| http-methods:
|_  Supported Methods: HEAD OPTIONS GET
|_ http-title: Site doesn't have a title (text/html; charset=utf-8).
443/tcp   open  ssl/http-proxy   HAProxy http proxy 1.3.1 or later
| http-methods:
|_  Supported Methods: GET HEAD OPTIONS
```

| http-robots.txt: 1 disallowed entry  
|\_  
|\_http-title: Site doesn't have a title (text/html; charset=utf-8).  
|\_ssl-cert: Subject: commonName=octopi  
| Subject Alternative Name: DNS:octopi  
| Issuer: commonName=octopi  
| Public Key type: rsa  
| Public Key bits: 2048  
| Signature Algorithm: sha256WithRSAEncryption  
| Not valid before: 2019-09-26T00:24:40  
| Not valid after: 2029-09-23T00:24:40  
| MD5: 30f5 a8ef 710c e402 5ea4 5d3b ca57 2bff  
|\_SHA-1: b7ba 5c7c 2743 dbf0 b491 7999 33fb eacc d5f2 5266  
|\_ssl-date: TLS randomness does not represent time  
8080/tcp open http-proxy MJPG-Streamer/0.2  
| fingerprint-strings:  
| FourOhFourRequest:  
| HTTP/1.0 400 Bad Request  
| Content-type: text/plain  
| Connection: close  
| Server: MJPG-Streamer/0.2  
| Cache-Control: no-store, no-cache, must-revalidate, pre-check=0, post-check=0, max-a  
| Pragma: no-cache  
| Expires: Mon, 3 Jan 2000 12:34:56 GMT  
| 400: Not Found!  
| file extension found  
| GetRequest:  
| HTTP/1.0 200 OK  
| Content-type: text/html  
| Connection: close  
| Server: MJPG-Streamer/0.2  
| Cache-Control: no-store, no-cache, must-revalidate, pre-check=0, post-check=0, max-a  
| Pragma: no-cache  
| Expires: Mon, 3 Jan 2000 12:34:56 GMT  
| <html>  
| <head><title>mjpg\_streamer test page</title></head>  
| <body>  
| <h1>Snapshot</h1>  
| <p>Refresh the page to refresh the snapshot</p>  
|   
| <h1>Stream</h1>  
|   
| </body>  
| </html>  
| HTTPOptions, RTSPRequest, Socks5:  
| HTTP/1.0 400 Bad Request  
| Content-type: text/plain  
| Connection: close  
| Server: MJPG-Streamer/0.2  
| Cache-Control: no-store, no-cache, must-revalidate, pre-check=0, post-check=0, max-a  
| Pragma: no-cache  
| Expires: Mon, 3 Jan 2000 12:34:56 GMT

```
| 400: Not Found!
|_ Malformed HTTP request
|_ http-methods:
|_ Supported Methods: GET
|_ http-server-header: MJPG-Streamer/0.2
|_ http-title: mjpg_streamer test page
```

1 service unrecognized despite returning data. If you know the service/version, please submit

```
SF-Port8080-TCP:V=7.80%I=7%D=5/28%Time=5ECFC99C%P=i686-pc-windows-windows%
SF:r(GetRequest,1E9,"HTTP/1.0\x20200\x20OK\r\nContent-type:\x20text/html\r
SF:r\nConnection:\x20close\r\nServer:\x20MJPG-Streamer/0.2\r\nCache-Contr
SF:ol:\x20no-store,\x20no-cache,\x20must-revalidate,\x20pre-check=0,\x20po
SF:st-check=0,\x20max-age=0\r\nPragma:\x20no-cache\r\nExpires:\x20Mon,\x20
SF:3\x20Jan\x202000\x2012:34:56\x20GMT\r\n\r\n<html>\n<head><title>mjpg_st
SF:reamer\x20test\x20page</title></head>\n<body>\n<h1>Snapshot</h1>\n<p>Re
SF:fresh\x20the\x20page\x20to\x20refresh\x20the\x20snapshot</p>\n<img\x20s
SF:rc=\".\./?action=snapshot\"\x20alt=\"Snapshot\"\n<h1>Stream</h1>\n<img
SF:\x20src=\".\./?action=stream\"\x20alt=\"Stream\"\n</body>\n</html>\n")
SF:%r(HTTPOptions,11E,"HTTP/1.0\x20400\x20Bad\x20Request\r\nContent-type:
SF:\x20text/plain\r\nConnection:\x20close\r\nServer:\x20MJPG-Streamer/0.2
SF:\r\nCache-Control:\x20no-store,\x20no-cache,\x20must-revalidate,\x20pre
SF:-check=0,\x20post-check=0,\x20max-age=0\r\nPragma:\x20no-cache\r\nExpir
SF:es:\x20Mon,\x203\x20Jan\x202000\x2012:34:56\x20GMT\r\n\r\n400:\x20Not\x
SF:20Found!\r\nMalformed\x20HTTP\x20request")%r(RTSPRequest,11E,"HTTP/1.0
SF:\x20400\x20Bad\x20Request\r\nContent-type:\x20text/plain\r\nConnection:
SF:\x20close\r\nServer:\x20MJPG-Streamer/0.2\r\nCache-Control:\x20no-stor
SF:e,\x20no-cache,\x20must-revalidate,\x20pre-check=0,\x20post-check=0,\x2
SF:0max-age=0\r\nPragma:\x20no-cache\r\nExpires:\x20Mon,\x203\x20Jan\x2020
SF:00\x2012:34:56\x20GMT\r\n\r\n400:\x20Not\x20Found!\r\nMalformed\x20HTTP
SF:\x20request")%r(FourOhFourRequest,11F,"HTTP/1.0\x20400\x20Bad\x20Reque
SF:st\r\nContent-type:\x20text/plain\r\nConnection:\x20close\r\nServer:\x2
SF:0MJPG-Streamer/0.2\r\nCache-Control:\x20no-store,\x20no-cache,\x20must
SF:-revalidate,\x20pre-check=0,\x20post-check=0,\x20max-age=0\r\nPragma:\x
SF:20no-cache\r\nExpires:\x20Mon,\x203\x20Jan\x202000\x2012:34:56\x20GMT\r
SF:\n\r\n400:\x20Not\x20Found!\r\nNo\x20file\x20extension\x20found")%r(Soc
SF:ks5,11E,"HTTP/1.0\x20400\x20Bad\x20Request\r\nContent-type:\x20text/pl
SF:ain\r\nConnection:\x20close\r\nServer:\x20MJPG-Streamer/0.2\r\nCache-C
SF:ontrol:\x20no-store,\x20no-cache,\x20must-revalidate,\x20pre-check=0,\x
SF:20post-check=0,\x20max-age=0\r\nPragma:\x20no-cache\r\nExpires:\x20Mon,
SF:\x203\x20Jan\x202000\x2012:34:56\x20GMT\r\n\r\n400:\x20Not\x20Found!\r\
SF:nMalformed\x20HTTP\x20request");
```

MAC Address: B8:27:EB:17:F2:39 (Raspberry Pi Foundation)

No exact OS matches for host (If you know what OS is running on it, see <https://nmap.org/s>)

TCP/IP fingerprint:

```
OS:SCAN(V=7.80%E=4%D=5/28%OT=22%CT=1%CU=31276%PV=Y%DS=1%DC=D%G=Y%M=B827EB%T
OS:M=5ECFCA12%P=i686-pc-windows-windows)SEQ(SP=104%GCD=1%ISR=10C%TI=Z%CI=Z%
OS:II=I%TS=A)SEQ(TI=Z%CI=Z%II=I%TS=A)SEQ(CI=Z%II=I)OPS(O1=M5B4ST11NW7%O2=M5
OS:B4ST11NW7%O3=M5B4NNT11NW7%O4=M5B4ST11NW7%O5=M5B4ST11NW7%O6=M5B4ST11)WIN(
OS:W1=FE88%W2=FE88%W3=FE88%W4=FE88%W5=FE88%W6=FE88)ECN(R=Y%DF=Y%T=40%W=FAF0
OS:%O=M5B4NNSNW7%CC=Y%Q=)T1(R=Y%DF=Y%T=40%S=0%A=S+%F=AS%RD=0%Q=)T2(R=N)T3(R
OS:=N)T4(R=Y%DF=Y%T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)T5(R=Y%DF=Y%T=40%W=0%S=Z
OS:A=S+%F=AR%O=%RD=0%Q=)T6(R=Y%DF=Y%T=40%W=0%S=A%A=Z%F=R%O=%RD=0%Q=)T7(R=Y
OS:DF=Y%T=40%W=0%S=Z%A=S+%F=AR%O=%RD=0%Q=)U1(R=Y%DF=N%T=40%IPL=164%UN=0%RIP
```

OS:L=G%RID=G%RIPCK=G%RUCK=G%RUD=G)IE(R=Y%DFI=N%T=40%CD=S)

Network Distance: 1 hop

Service Info: OS: Linux; Device: load balancer; CPE: cpe:/o:linux:linux\_kernel

#### TRACEROUTE

| HOP | RTT | ADDRESS |
|-----|-----|---------|
|-----|-----|---------|

|   |         |                                     |
|---|---------|-------------------------------------|
| 1 | 4.03 ms | octopi.morgan.local (192.168.0.110) |
|---|---------|-------------------------------------|

NSE: Script Post-scanning.

Initiating NSE at 08:26

Completed NSE at 08:26, 0.00s elapsed

Initiating NSE at 08:26

Completed NSE at 08:26, 0.00s elapsed

Initiating NSE at 08:26

Completed NSE at 08:26, 0.00s elapsed

Read data files from: C:\Program Files (x86)\Nmap

OS and Service detection performed. Please report any incorrect results at <https://nmap.org>

Nmap done: 1 IP address (1 host up) scanned in 130.73 seconds

Raw packets sent: 1114 (53.058KB) | Rcvd: 1106 (49.131KB)