Starting Nmap 7.95 ( https://nmap.org ) at 2025-02-12 22:07 E. Africa Standard Time

NSE: Loaded 157 scripts for scanning.

NSE: Script Pre-scanning.

Initiating NSE at 22:07

Completed NSE at 22:07, 0.00s elapsed

Initiating NSE at 22:07

Completed NSE at 22:07, 0.00s elapsed

Initiating NSE at 22:07

Completed NSE at 22:07, 0.00s elapsed

Initiating Ping Scan at 22:07

Scanning cuk.ac.ke (41.204.161.153) [4 ports]

Completed Ping Scan at 22:07, 0.08s elapsed (1 total hosts)

Initiating Parallel DNS resolution of 1 host. at 22:07

Completed Parallel DNS resolution of 1 host. at 22:07, 0.13s elapsed

Initiating SYN Stealth Scan at 22:07

Scanning cuk.ac.ke (41.204.161.153) [1000 ports]

Discovered open port 443/tcp on 41.204.161.153

Discovered open port 80/tcp on 41.204.161.153

Completed SYN Stealth Scan at 22:07, 6.66s elapsed (1000 total ports)

Initiating Service scan at 22:07

Scanning 2 services on cuk.ac.ke (41.204.161.153)

Completed Service scan at 22:07, 12.73s elapsed (2 services on 1 host)

Initiating OS detection (try #1) against cuk.ac.ke (41.204.161.153)

Retrying OS detection (try #2) against cuk.ac.ke (41.204.161.153)

Initiating Traceroute at 22:07

Completed Traceroute at 22:07, 3.07s elapsed

Initiating Parallel DNS resolution of 10 hosts. at 22:07

Completed Parallel DNS resolution of 10 hosts. at 22:07, 0.09s elapsed

NSE: Script scanning 41.204.161.153.

Initiating NSE at 22:07

Completed NSE at 22:08, 31.01s elapsed

Initiating NSE at 22:08

Completed NSE at 22:08, 3.38s elapsed

Initiating NSE at 22:08

Completed NSE at 22:08, 0.00s elapsed

Nmap scan report for cuk.ac.ke (41.204.161.153)

Host is up (0.018s latency).

Not shown: 989 filtered tcp ports (no-response), 9 filtered tcp ports (host-prohibited)

PORT STATE SERVICE VERSION

80/tcp open http Apache httpd 2.4.6 (PHP 7.4.33)

| http-methods:

|\_ Supported Methods: GET HEAD OPTIONS

|\_http-server-header: Apache/2.4.6

|\_http-title: Did not follow redirect to https://cuk.ac.ke/

|\_http-favicon: Unknown favicon MD5: D41D8CD98F00B204E9800998ECF8427E

443/tcp open ssl/http Apache httpd 2.4.6 (PHP 7.4.33)

|\_http-generator: Site Kit by Google 1.146.0

|\_ssl-date: TLS randomness does not represent time

|\_http-title: Home - The Co-operative University of Kenya

|\_http-server-header: Apache/2.4.6

| ssl-cert: Subject: commonName=\*.cuk.ac.ke/organizationName=KENET/stateOrProvinceName=Nairobi City/countryName=KE

| Subject Alternative Name: DNS:\*.cuk.ac.ke, DNS:cuk.ac.ke

| Issuer: commonName=Sectigo RSA Organization Validation Secure Server CA/organizationName=Sectigo Limited/stateOrProvinceName=Greater Manchester/countryName=GB

| Public Key type: rsa

| Public Key bits: 2048

| Signature Algorithm: sha256WithRSAEncryption

| Not valid before: 2024-09-13T00:00:00

| Not valid after: 2025-09-13T23:59:59

| MD5: b0ef:71f3:8a02:be35:8e68:c894:65c0:4423

|\_SHA-1: f1e5:e0cd:7b25:b1f7:91d5:7ecd:05ac:779f:4273:e1e9

| http-methods:

|\_ Supported Methods: GET HEAD POST

Warning: OSScan results may be unreliable because we could not find at least 1 open and 1 closed port

Device type: general purpose|router

Running (JUST GUESSING): Linux 3.X|4.X|2.6.X|5.X (93%), MikroTik RouterOS 7.X (85%)

OS CPE: cpe:/o:linux:linux\_kernel:3 cpe:/o:linux:linux\_kernel:4 cpe:/o:linux:linux\_kernel:2.6 cpe:/o:linux:linux\_kernel:5 cpe:/o:mikrotik:routeros:7 cpe:/o:linux:linux\_kernel:5.6.3

Aggressive OS guesses: Linux 3.10 - 4.11 (93%), Linux 3.2 - 4.14 (93%), Linux 3.13 - 4.4 (87%), Linux 3.8 - 3.16 (87%), Linux 2.6.32 - 3.13 (87%), Linux 3.4 - 3.10 (87%), Linux 4.15 - 5.19 (87%), Linux 5.0 - 5.14 (87%), Linux 2.6.32 - 3.10 (86%), Linux 4.15 (85%)

No exact OS matches for host (test conditions non-ideal).

Uptime guess: 31.617 days (since Sun Jan 12 07:19:33 2025)

Network Distance: 13 hops

TCP Sequence Prediction: Difficulty=255 (Good luck!)

IP ID Sequence Generation: All zeros

TRACEROUTE (using port 443/tcp)

HOP RTT ADDRESS

1 4.00 ms 192.168.1.1

2 4.00 ms 10.11.0.222

3 5.00 ms 192.168.100.1

4 6.00 ms 192.168.70.1

5 7.00 ms 10.0.0.1

6 8.00 ms 41.209.60.93

7 21.00 ms 41.209.10.69

8 14.00 ms 105.177.9.13

9 ...

10 15.00 ms 196.223.21.16

11 ... 12

13 26.00 ms 41.204.161.153

NSE: Script Post-scanning.

Initiating NSE at 22:08

Completed NSE at 22:08, 0.00s elapsed

Initiating NSE at 22:08

Completed NSE at 22:08, 0.00s elapsed

Initiating NSE at 22:08

Completed NSE at 22:08, 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/submit/ .

Nmap done: 1 IP address (1 host up) scanned in 66.74 seconds

Raw packets sent: 2102 (97.520KB) | Rcvd: 123 (9.055KB)