



## Auditing & inventory server [ SecAudPi ]

Infrastructure audit is the process of technically evaluating the current state of your systems, applications and network. The audit ensures that all IT infrastructure systems are operating optimally according to your needs.

SecAudPi is an autonomous mini portable server designed for automated inventory and scanning of IT infrastructure, including tests of availability, speed, services, network elements, servers, workstations, accessories, including software and licenses.

The powerful processor used in SecAudPi provides efficient access to a wide range of functions and provides a versatile solution based on the popular free operating system.

### The SecAudPi v1 model provides:

- Auditing connected devices in the IT infrastructure via scripts
- Local area network scanning using tools
  - ARP
  - DHCP
  - DNS
  - NMAP
  - WIFI
- Testing the speed of the Internet connection via
  - SpeedNet
- Inventory of connected devices in the IT infrastructure via
  - OCS (Open computers and software inventory)

### Hardware of the model SecAudPi v1:

- Efficient SBC based on ARM platform is dedicated to running the server
  - Processor 1200-1400MHz (Cortex-A53) 4x Core
  - Memory 1024MB DDR2 RAM
  - Storage 16-64GB Industrial microSD
  - Network Gigabit Ethernet (100/300/1000Mbps)
- Certified EPS switch-mode network power supply source
  - AC/DC power source 110/230V => 5V/3A (15W)
- Polystyrene box of high density with:
  - width 150mm
  - height 130mm
  - depth 50mm
- Components tested within the frame of CE and FCC



Picture 1: SecAudPi

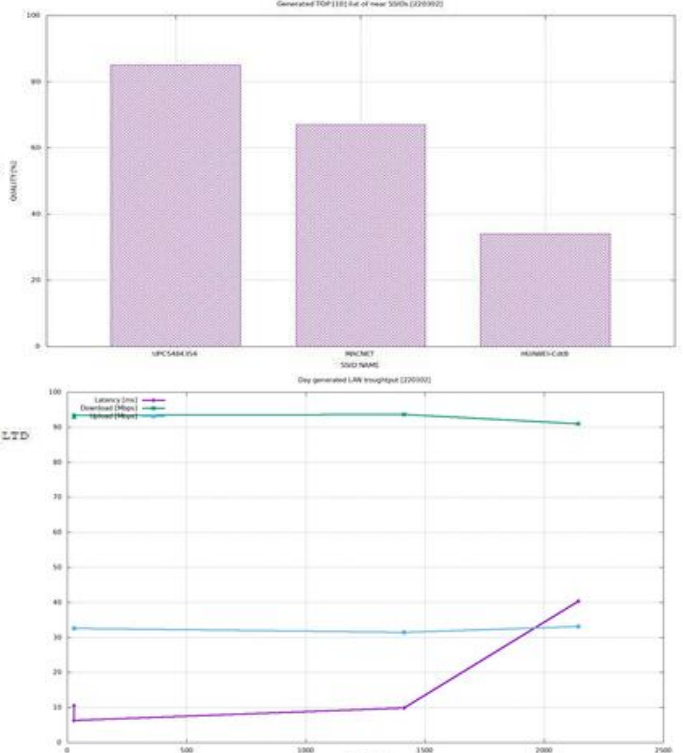
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Starting Nmap 7.70 ( https://nmap.org ) at 2022-03-02 22:00 CET
Nmap scan report for 192.168.10.30
Host is up (0.00045s latency).
Not shown: 994 closed ports
PORT      STATE SERVICE
22/tcp    open  ssh      OpenSSH 7.9p1 Debian 10+deb10u2 (protocol 2.0)
25/tcp    open  smtp      Postfix smtpd
80/tcp    open  http      Lighttpd 1.4.53
139/tcp   open  netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
445/tcp   open  netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
5901/tcp  open  vnc       VNC (protocol 3.8)
MAC Address: D0:8F:9C:46:58:D5 ( Hewlett Packard )
No exact OS matches for host (If you know what OS is running on it, see https://nmap.org/submit/ ).
TCP/IP fingerprint:
OS:SCAN(VW.798E44D3/2407=22ACT=1ACU=381644F0/V4DS=14DC=D4Q=VAN=D0BF9C4FM
OS:621FDB0D48=asm-unknown-linux-gnueabi)SEQ(SP=108)GDC=141SR=1099TI=24CI
OS:24T5=A)OPS(OI=MSB4ST11NN7402=MSB4ST11NN7403=MSB4NNT11NN7404=MSB4ST11NN7
OS:03=MSB4ST11NN7406=MSB4ST11)WIN(W1=FE88N2=FE88N3=FE88N4=FE88N5=FE88N
OS:06=FE88)ECN(R=Y)DF=VAT=40NH=FAF040=MSB4N2NN74CC=Y4Q)TL(R=Y)DF=VAT=40NS
OS:0NA=34F=AS8RD=0AQ=I2(R=N)IS(R=N)I4(R=Y)DF=VAT=40NH=04S=AA=24F=R40=NR
OS:0=04Q)IS(R=Y)DF=VAT=40NH=04S=24F=R40=NR)T6(R=Y)DF=VAT=40NH=
OS:04S=AA=24F=R40=NR)T7(R=Y)DF=VAT=40NH=04S=24F=R40=NR)T8(R=Y)DF=VAT=40NH=
OS:1(R=Y)DF=VAT=40NH=04S=24F=R40=NR)T9(R=Y)DF=VAT=40NH=04S=24F=R40=NR)U
OS:1(R=Y)DF=VAT=40NH=04S=24F=R40=NR)U

Network Distance: 1 hop
Service Info: Hosts: FCM1.mactec.sk, FCM1; OS: Linux; CPE: cpe:/o:linux:linux_kernel

Interface: eth0, datalink type: ETHERNET
Starting arp-scan 1.9.5 with 66 hosts (https://github.com/royhills/arp-scan)
192.168.10.1      14:cc:20:2c:44:bd      TP-LINK TECHNOLOGIES CO.,LTD.
192.168.10.2      70:4f:57:c2:36:ce      (Unknown)
192.168.10.3      00:15:46:6a:88:90      HIKMEN ZEALINK NETWORK TECHNOLOGY CO.,LTD
192.168.10.5      d0:8f:9c:46:58:d5      Hewlett Packard
192.168.10.10     5c:f4:ab:46:7a:e2      ZyXEL Communications Corporation
192.168.10.11     b8:27:eb:09:de:fd      Raspberry Pi Foundation
192.168.10.12     b8:27:eb:7c:f5:72      Raspberry Pi Foundation
192.168.10.14     b8:27:eb:75:27:09      Raspberry Pi Foundation
192.168.10.15     b8:27:eb:62:9a:26      Raspberry Pi Foundation
192.168.10.17     b8:27:eb:f9:d8:63      Raspberry Pi Foundation
192.168.10.18     b8:27:eb:94:b0:64      Raspberry Pi Foundation
192.168.10.20     98:0d:67:eb:80:e8      (Unknown)
192.168.10.30     d0:8f:9c:46:58:d5      Hewlett Packard
192.168.10.34     e0:21:e8:ad:4b:4f      Toshiba
192.168.10.6      30:e7:bf:bd:07:2d      Zhejiang Dahua Technology Co., Ltd.
192.168.10.9      50:c7:bf:bd:07:2d      TP-LINK TECHNOLOGIES CO.,LTD.
192.168.10.13     ac:84:c0:68:da:7b      (Unknown)
192.168.10.40     30:e7:bf:bd:07:2d      ZyXEL Communications Corporation
192.168.10.19     b8:27:eb:d8:48:8d      Raspberry Pi Foundation
192.168.10.60     c0:00:c0:38:27:36      WESTERN DIGITAL CORPORATION
192.168.10.31     b8:27:eb:b8:07:60      Raspberry Pi Foundation
192.168.10.32     c4:dd:57:1d:dd:f5      (Unknown)
192.168.10.33     e4:03:2a:8a:ef:ae      (Unknown)
192.168.10.49     c4:dd:57:1d:dd:12      (Unknown)
192.168.10.52     c4:dd:57:1d:d7:4b      (Unknown)
192.168.10.54     e4:03:2a:8a:ef:ae      (Unknown)
192.168.10.50     3c:e6:e6:f0:40:2d      (Unknown)

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Picture 2: Web reports reachable via WIFI [http://192.168.99.1/]

<http://secaudpi.doit.sk/>

- EPS - External Power Supply
- FCC - Federal Communications Commission
- MIPS - Microprocessor without Inter Pipelined Stages
- SBC - Single Board Computer