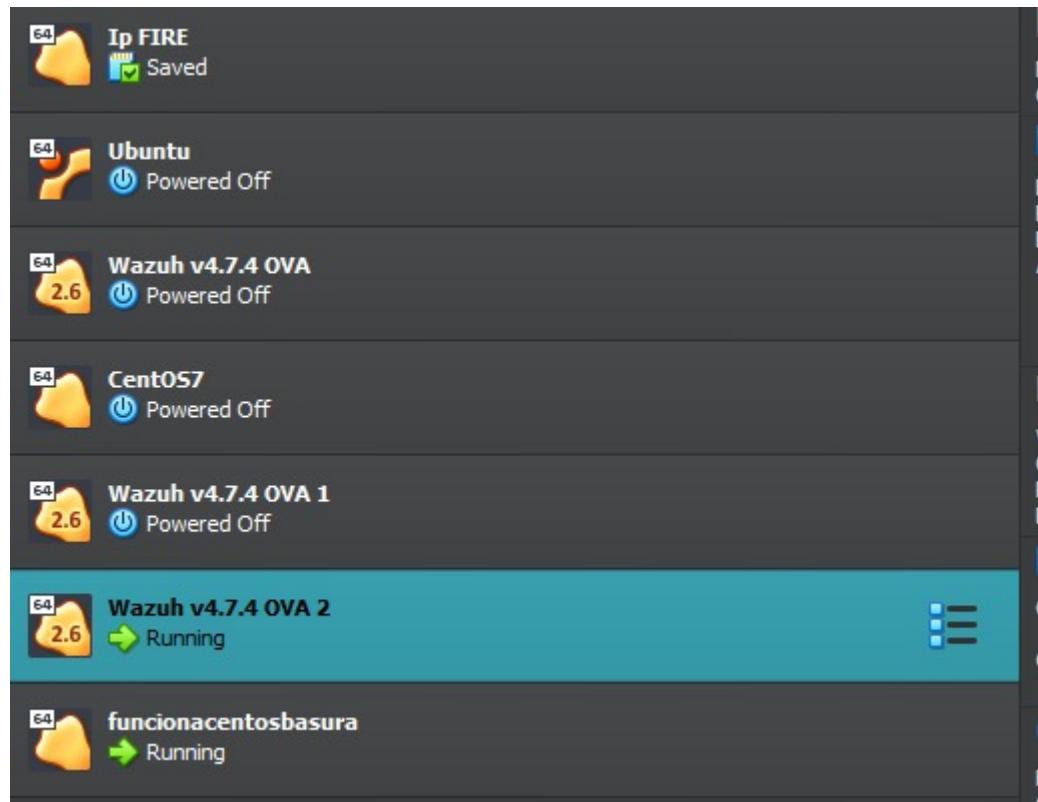


```
funcionacentosbasura [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
=====
Package          Arch      Version           Repository      Size
=====
Installing:
net-tools        x86_64   2.0-0.25.20131004git.el7      base       306 k
Transaction Summary
=====
Install 1 Package

Total download size: 306 k
Installed size: 917 k
Is this ok [y/d/N]: y
Downloading packages:
warning: /var/cache/yum/x86_64/7/base/packages/net-tools-2.0-0.25.20131004git.el7.x86_64.rpm: Header V3 RSA/SHA256 Signature, key ID f4a80eb5: NOKEY
Public key for net-tools-2.0-0.25.20131004git.el7.x86_64.rpm is not installed
net-tools-2.0-0.25.20131004git.el7.x86_64.rpm                               1 306 kB  00:00:00
Retrieving key from file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7
Importing GPG key 0xF4A80EB5:
  Userid : "CentOS-7 Key (CentOS 7 Official Signing Key) <security@centos.org>"
  Fingerprint: 6341 ab27 53d7 8a78 a7c2 7bb1 24c6 a8a7 f4a8 0eb5
  Package : centos-release-7-9.2009.0.el7.centos.x86_64 (@anaconda)
  From    : /etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7
Is this ok [y/N]: y
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : net-tools-2.0-0.25.20131004git.el7.x86_64                         1/1
  Verifying  : net-tools-2.0-0.25.20131004git.el7.x86_64                         1/1

Installed:
  net-tools.x86_64 0:2.0-0.25.20131004git.el7

Complete!
[root@localhost axelalvar7]# _
```



```

root@localhost:/home/axelalvar7#
  1:wazuh-agent-4.7.4-1                               ##### [100%]
[root@localhost axelalvar7]# curl -o wazuh-agent-4.7.4-1.x86_64.rpm https://packages.wazuh.com/4.x/yum/wazuh-agent-4.7.4-1.x86_64.rpm && sudo WAZUH_MANAGER='192.168.0.110' WAZUH_AGENT_NAME='CentOSSirve' rpm -ihv wazuh-agent-4.7.4-1.x86_64.rpm
  % Total   % Received % Xferd  Average Speed   Time   Time  Current
          Dload  Upload Total Spent   Left  Speed
100 9247k  100 9247k    0     0  6226k  0:00:01 0:00:01 6227k
warning: wazuh-agent-4.7.4-1.x86_64.rpm: Header V3 RSA/SHA256 Signature, key ID 29111145: NOKEY
Preparing...
  package wazuh-agent-4.7.4-1.x86_64 is already installed
[root@localhost axelalvar7]# sudo systemctl daemon-reload
[root@localhost axelalvar7]# sudo systemctl enable wazuh-agent
Created symlink from /etc/systemd/system/multi-user.target.wants/wazuh-agent.service to /usr/lib/systemd/system/wazuh-agent.service.
[root@localhost axelalvar7]# sudo systemctl start wazuh-agent
[root@localhost axelalvar7]#
[root@localhost axelalvar7]# sudo systemctl start wazuh-agent
[root@localhost axelalvar7]# sudo systemctl daemon-reload
[root@localhost axelalvar7]# sudo systemctl enable wazuh-agent
[root@localhost axelalvar7]# curl -o wazuh-agent-4.7.4-1.x86_64.rpm https://packages.wazuh.com/4.x/yum/wazuh-agent-4.7.4-1.x86_64.rpm && sudo WAZUH_MANAGER='192.168.0.110' WAZUH_AGENT_NAME='CentOSSirve' rpm -ihv wazuh-agent-4.7.4-1.x86_64.rpm
  % Total   % Received % Xferd  Average Speed   Time   Time  Current
          Dload  Upload Total Spent   Left  Speed
100 9247k  100 9247k    0     0  6000k  0:00:01 0:00:01 6079k
warning: wazuh-agent-4.7.4-1.x86_64.rpm: Header V3 RSA/SHA256 Signature, key ID 29111145: NOKEY
Preparing...
  ##### [100%]
[root@localhost axelalvar7]# curl -o wazuh-agent-4.7.4-1.x86_64.rpm https://packages.wazuh.com/4.x/yum/wazuh-agent-4.7.4-1.x86_64.rpm
  % Total   % Received % Xferd  Average Speed   Time   Time  Current
          Dload  Upload Total Spent   Left  Speed
100 9247k  100 9247k    0     0  5913k  0:00:01 0:00:01 5916k
[root@localhost axelalvar7]# curl -o wazuh-agent-4.7.4-1.x86_64.rpm https://packages.wazuh.com/4.x/yum/wazuh-agent-4.7.4-1.x86_64.rpm && sudo WAZUH_MANAGER='192.168.0.110' WAZUH_AGENT_NAME='CentOSSirve' rpm -ihv wazuh-agent-4.7.4-1.x86_64.rpm
  % Total   % Received % Xferd  Average Speed   Time   Time  Current
          Dload  Upload Total Spent   Left  Speed
100 9247k  100 9247k    0     0  6494k  0:00:01 0:00:01 6498k
warning: wazuh-agent-4.7.4-1.x86_64.rpm: Header V3 RSA/SHA256 Signature, key ID 29111145: NOKEY
Preparing...
  package wazuh-agent-4.7.4-1.x86_64 is already installed
[root@localhost axelalvar7]#

```

ID	Name	IP address	Group(s)	Operating system	Cluster node	Version	Status	Actions
001	CentOSSirve	192.168.0.114	default	CentOS Linux 7.9	node01	v4.7.4	active	

```
xcelalvar7@localhost:~ [xcelalvar7@localhost ~]$ vi CentOS7.sh [xcelalvar7@localhost ~]$ sudo sh /CentOS7.sh /CentOS7.sh: /bin/sh: command not found  
Failed to execute operation: No such file or directory  
gpg: new configuration file `/root/.gnupg/gpg.conf' created  
gpg: WARNING: options in `/root/.gnupg/gpg.conf' are not yet active during this run  
pub   4096R/F4A4B0EB5 2014-06-23 CentOS-7 Key (CentOS 7 Official Signing Key) <security@centos.org>  
      Key fingerprint = 6341 AB27 53D7 8A78 A7C2 7B81 24C6 A8A7 F4A8 0EB5  
Loaded plugins: fastestmirror  
Loading mirror speeds from cached hostfile  
* base: centos.hivelocity.net  
* extras: mirrors.gigenet.com  
* updates: forksystems.mm.fcix.net  
base  
extras  
updates  
Resolving Dependencies  
--> Running transaction check  
--> Package aide.x86_64 0:0.15.1-13.el7_9.1 will be installed  
--> Finished Dependency Resolution  
  
Dependencies Resolved  
  
=====  


| Package | Arch   | Version           | Repository | Size  |
|---------|--------|-------------------|------------|-------|
| aide    | x86_64 | 0.15.1-13.el7_9.1 | updates    | 133 k |

  
Transaction Summary  
=====  
Install 1 Package  
  
Total download size: 133 k  
Installed size: 311 k  
Downloading packages:  
aide-0.15.1-13.el7_9.1.x86_64.rpm  
Running transaction check  
Running transaction test  
Transaction test succeeded  
Running transaction  
Warning: RPMDB altered outside of yum.  
  Installing : aide-0.15.1-13.el7_9.1.x86_64  
    Verifying : aide-0.15.1-13.el7_9.1.x86_64  
  
Installed:  
  aide.x86_64 0:0.15.1-13.el7_9.1  
  
Complete!  
WARNING:Input and output database urls are the same.
```

```
axelalvar7@localhost:~
```

(50/118) iwl4965-firmware-23.61.2-24.83.e17_9.noarch.rpm
(51/118) iwl5000-firmware-23.55.0-13.0-38.e17_9.noarch.rpm
(52/118) iwl5000-firmware-8.83.5.1-1.81.e17_9.noarch.rpm
(53/118) iwl5150-firmware-8.24.2.2-82.e17_9.noarch.rpm
(54/118) iwl6000g2a-firmware-18.168.6.1-82.e17_9.noarch.rpm
(55/118) iwl6000-firmware-9.221.4.1-82.e17_9.noarch.rpm
(56/118) iwl6000g2b-firmware-18.168.6.1-82.e17_9.noarch.rpm
(57/118) iwl6056-firmware-41.28.5.1-82.e17_9.noarch.rpm
(58/118) kbd-legacy-1.15.5-2.e17_9.noarch.rpm
(59/118) kbd-nic-1.15.5-16.e17_9.noarch.rpm
(60/118) iwt260-firmware-25.30.13.0-82.e17_9.noarch.rpm
(61/118) iwt260-firmware-3.10.0-1160.118.1.e17_x86_64.rpm
(62/118) kernel-tools-3.10.0-1160.118.1.e17_x86_64.rpm
(63/118) kernel-tools-libs-3.10.0-1160.118.1.e17_x86_64.rpm
(64/118) kexec-tools-2.0.15.51.e17_9_x86_64.rpm
(65/118) kpartx-0.4.9-136.e17_9.x86_64.rpm
(66/118) libblkid-2.23.2-2.e17_9.x86_64.rpm
(67/118) libblkid-2.23.2-2.e17_9.x86_64.rpm
(68/118) libcurl-7.29.0-59.e17_9.x86_64.rpm
(69/118) libcroco-0.6.12-6.e17_9.x86_64.rpm
(70/118) libmount-2.23.2-65.e17_9.1.x86_64.rpm
(71/118) libsmartcols-2.23.2-65.e17_9.1.x86_64.rpm
(72/118) libssh2-1.8.0-4.e17_9.x86_64.rpm
(73/118) kernel-3.10.0-1160.118.1.e17_x86_64.rpm
(74/118) libtalloc-2.23.2-6.e17_9.x86_64.rpm
(75/118) libtalloc-2.23.2-6.e17_9.x86_64.rpm
(76/118) lvm2-2.02.187-6.e17_9.5.x86_64.rpm
(77/118) lvm2-libs-2.02.187-6.e17_9.5.x86_64.rpm
(78/118) nspr-4.35.0-1.e17_9.x86_64.rpm
(79/118) microcode_ctl-2.1-73.20.e17_9.x86_64.rpm
(80/118) nss-3.35.0-2.e17_9.x86_64.rpm
(81/118) nss-perl-0.3-1.e17_9.x86_64.rpm
(82/118) nss-util-3.39.0-1.e17_9.x86_64.rpm
(83/118) nss-softokn-freebl-3.90.6-1.e17_9.x86_64.rpm
(84/118) nss-sysinit-3.98.0-2.e17_9.x86_64.rpm
(85/118) nss-util-3.39.0-1.e17_9.x86_64.rpm
(86/118) nss-tools-3.98.0-2.e17_9.x86_64.rpm
(87/118) openslide-2.4.44-25.e17_9.x86_64.rpm
(88/118) openssh-clients-7.4pl1-23.e17_9.x86_64.rpm
(89/118) openssh-server-7.4pl1-23.e17_9.x86_64.rpm
(90/118) openssh-7.4pl1-23.e17_9.x86_64.rpm
(91/118) openssh-7.4pl1-23.e17_9.x86_64.rpm
(92/118) openssh-7.4pl1-23.e17_9.x86_64.rpm
(93/118) polkit-0.112-26.e17_9.x86_64.rpm
(94/118) python-2.7.5-94.e17_9.x86_64.rpm
(95/118) python-libs-2.7.5-94.e17_9.x86_64.rpm
(96/118) python-firewall-0.6.3-13.e17_9.noarch.rpm
(97/118) python-perf-2.18.0-1160.118.1.e17_x86_64.rpm
(98/118) rpm-4.14.3-48.e17_9.x86_64.rpm
(99/118) rpm-build-libs-4.11.3-48.e17_9.x86_64.rpm

SCA: Lastest scans

CIS CentOS Linux 7 Benchmark v3.0.0

cis_centos7_linux

Policy	End scan	Passed	Failed	Not a...	Score
CIS CentOS Linux 7 Benchmark v3.0.0	May 16, 2024 @ 00:25:29.000	76	107	13	41%

< 1 >

```
axelalvar7@localhost:~
```

```
Updating : iw1185-firmware-18.168.6.1-82.el7.noarch
Updating : iw15000-firmware-8.83.5.1-82.el7.noarch
Updating : iw1135-firmware-18.168.6.1-82.el7.noarch
Updating : iw14965-firmware-228.61.2-24-82.el7.noarch
Updating : iw15150-firmware-8.24.2.2-82.el7.noarch
Updating : 1:iwl1000-firmware-39.31.5.1-82.el7.noarch
Updating : iwl2000-firmware-18.168.6.1-82.el7.noarch
Updating : iwl3945-firmware-15.32.2.9-82.el7.noarch
Updating : iwl2030-firmware-18.168.6.1-82.el7.noarch
Cleanup  : 1:iwlclient-2.5-82.el7.centos.x86_64
Cleanup  : 2:microcode_ctl-2.1.73.el7.x86_64
Cleanup  : tuned-2.11.0-9.el7.noarch
Cleanup  : firewalld-0.6.3-11.el7.noarch
Cleanup  : selinux-policy-targeted-3.13.1-268.el7.noarch
Cleanup  : selinux-policy-3.13.1-268.el7.noarch
Cleanup  : 1:grub2-2.02-86.el7.centos.x86_64
Cleanup  : 1:grub2-pc-2.02-86.el7.centos.x86_64
Cleanup  : 1:iwl2000-firmware-39.31.5.1-82.el7.noarch
Cleanup  : python-firmware-0.6.3-11.el7.noarch
Cleanup  : 12:dhcpc-common-4.2.5-82.el7.centos.x86_64
Cleanup  : 12:dhcpc-libs-4.2.5-82.el7.centos.x86_64
Cleanup  : linux-firmware-20200421-79.git78c0348.el7.noarch
Cleanup  : firewalld-filesystem-0.6.3-11.el7.noarch
Cleanup  : iwl6000gb2-firmware-18.168.6.1-79.el7.noarch
Cleanup  : iwl100-firmware-39.31.5.1-79.el7.noarch
Cleanup  : iwl6000gbta-firmware-18.168.6.1-79.el7.noarch
Cleanup  : iwl1000-firmware-0.22.4-17.noarch
Cleanup  : iwl2030-firmware-18.168.6.1-79.el7.noarch
Cleanup  : iwl6050-firmware-41.28.5.1-79.el7.noarch
Cleanup  : iwl7260-firmware-25.30.13.0-79.el7.noarch
Cleanup  : iwl1105-firmware-18.168.6.1-79.el7.noarch
Cleanup  : iwl5000-firmware-8.83.5.1-1-79.el7.noarch
Cleanup  : iwl135-firmware-18.168.6.1-79.el7.noarch
Cleanup  : iwl4965-firmware-228.61.2-24-79.el7.noarch
Cleanup  : 1:iwlclient-firmware-2.5-82.el7.noarch
Cleanup  : 1:iwl1000-firmware-39.31.5.1-82.el7.noarch
Cleanup  : iwl2000-firmware-18.168.6.1-79.el7.noarch
Cleanup  : iwl3945-firmware-15.32.2.9-79.el7.noarch
Cleanup  : iwl3160-firmware-25.30.13.0-79.el7.noarch
Cleanup  : rpm-python-4.11.3-45.el7.x86_64
Cleanup  : 1:NetworkManager-tui-1.18.8-1.el7.x86_64
Cleanup  : openssh-server-7.4pl1-21.el7.x86_64
Cleanup  : 7:livem2-2.02.187.6-1.el7.x86_64
Cleanup  : 1:openssl-1.0.2k-19.el7.x86_64
Cleanup  : openssh-7.4pl1-21.el7.x86_64
Cleanup  : 7:livem2-l1bs-2.02.187.6-1.el7.x86_64
Cleanup  : rpm-build-l1bs-4.11.3-45.el7.x86_64
Cleanup  : 1:grub2-tools-extra-2.02-0.86.el7.centos.x86_64
Cleanup  : kexec-tools-2.0.15-51.el7.x86_64
```

axelalvar7@localhost:~

```
* base: centos.hivelocity.net
* extras: abqix.mm.fcfix.net
* updates: mirror.steadfastnet.com
Package rsyslog-8.24.0-57.el7_9.3.x86_64 already installed and latest version
Nothing to do
Failed to execute operation: No such file or directory
Loading plugins from filelist...
Loading modules speeds from cached hostfile
* base: centos.hivelocity.net
* extras: mirrors.tripadvisor.com
* updates: mirror.steadfastnet.com
Package rsyslog-8.24.0-57.el7_9.3.x86_64 already installed and latest version
Nothing to do
/bin/rm: cannot remove '/etc/at.deny': No such file or directory
[axelalvar7@localhost ~]$ ls
[axelalvar7@localhost ~]$ ls
[axelalvar7@localhost ~]$ clear
[axelalvar7@localhost ~]$ stop wazuh-agent
-bash: stop: command not found
[axelalvar7@localhost ~]$ sudo systemctl stop wazuh-agent
[sudo] password for axelalvar7:
[axelalvar7@localhost ~]$ sudo systemctl status wazuh-agent
● wazuh-agent.service - Wazuh agent
  Loaded: loaded (/usr/lib/systemd/system/wazuh-agent.service; enabled; vendor preset: disabled)
    Active: inactive (since Thu 2024-05-16 00:43:35 EST; 31s ago)
      Process: 20222 ExecStop=/usr/bin/env /var/ossec/bin/wazuh-control stop (code=exited, status=0/SUCCESS)

May 16 00:25:03 localhost.localdomain systemd[1]: Started Wazuh agent.
May 16 00:25:03 localhost.localdomain crontab[1638]: (root) LIST (root)
May 16 00:43:34 localhost.localdomain systemd[1]: Stopping Wazuh agent...
May 16 00:43:34 localhost.localdomain env[20222]: Killing wazuh-modulesd...
May 16 00:43:34 localhost.localdomain env[20222]: Killing wazuh-syscheckd...
May 16 00:43:35 localhost.localdomain env[20222]: Killing wazuh-agentd...
May 16 00:43:35 localhost.localdomain env[20222]: Killing wazuh-execd...
May 16 00:43:35 localhost.localdomain env[20222]: Wazuh v4.7.4 Stopped
May 16 00:43:35 localhost.localdomain systemd[1]: Stopped Wazuh agent.
[axelalvar7@localhost ~]$ sudo systemctl start wazuh-agent
[axelalvar7@localhost ~]$ sudo tail -f /var/ossec/logs/ossec.log
2024/05/16 00:44:40 sca INFO: Starting Security Configuration Assessment scan.
2024/05/16 00:44:40 sca INFO: Scan configuration loaded.
2024/05/16 00:44:40 wazuh-modulesd:syscollector: INFO: Starting evaluation.
2024/05/16 00:44:40 sca: INFO: Starting evaluation of policy: "/var/ossec/ruleset/sca/cis_centos7_linux.yml"
2024/05/16 00:44:41 wazuh-modulesd:syscollector: INFO: Evaluation finished.
2024/05/16 00:44:55 wazuh-syscheckd: INFO: (6000): File integrity monitoring scan ended.
2024/05/16 00:44:55 wazuh-syscheckd: INFO: FIM sync module started.
2024/05/16 00:45:03 sca: INFO: Evaluation finished for policy '/var/ossec/ruleset/sca/cis_centos7_linux.yml'
2024/05/16 00:45:03 sca: INFO: Security Configuration Assessment scan finished. Duration: 23 seconds.
2024/05/16 00:45:21 rootcheck: INFO: Ending rootcheck scan.
```

Windows taskbar:

Wazuh UI:

Policy	End scan	Passed	Failed	Not a...	Score
CIS CentOS Linux 7 Benchmark v3.0.0	May 16, 2024 @ 00:45:00.000	127	58	11	68%