

Observium server install RHEL-8 / CentOS 8

Repositories

Add EPEL, OpenNMS and REMI repositories, and switch to REMI's PHP 7.4 packages.

```
yum install https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm
yum install http://yum.opennms.org/repofiles/opennms-repo-stable-rhel8.noarch.rpm
yum install http://rpms.remirepo.net/enterprise/remi-release-8.rpm
yum install yum-utils
dnf module enable php:remi-7.4
[root@localhost ~]# yum install net-snmp-utils fping mariadb-server mariadb rrdtool subversion
whois ipmitool graphviz -y
```

Packages

Install the packages required for Observium

```
[root@localhost ~]# yum install wget httpd php php-opcache php-mysqlnd php-gd php-posix php-pear
cronie net-snmp \
    net-snmp-utils fping mariadb-server mariadb rrdtool subversion whois ipmitool graphviz \
    ImageMagick php-sodium python3 python3-mysql python3-PyMySQL
```

```
[root@localhost ~]#
[root@localhost ~]# yum install wget httpd php php-opcache php-mysqlnd php-gd php-posix php-pear cronie net-snmp \
> net-snmp-utils fping mariadb-server mariadb rrdtool subversion whois ipmitool graphviz \
> ImageMagick php-sodium python3 python3-mysql python3-PyMySQL -y
Last metadata expiration check: 0:00:46 ago on Wed 30 Nov 2022 12:47:11 PM +06.
Package wget-1.19.5-10.el8.x86_64 is already installed.
Package httpd-2.4.37-47.module_el8.6.0+1111+ce6f4ceb.1.x86_64 is already installed.
Package cronie-1.5.2-8.el8.x86_64 is already installed.
Package net-snmp-1:5.8-26.el8.x86_64 is already installed.
Package net-snmp-utils-1:5.8-26.el8.x86_64 is already installed.
Package mariadb-server-3:10.3.28-1.module_el8.3.0+757+d382997d.x86_64 is already installed.
Package mariadb-3:10.3.28-1.module_el8.3.0+757+d382997d.x86_64 is already installed.
Package rrdtool-1.7.0-16.el8.x86_64 is already installed.
Package graphviz-2.40.1-43.el8.x86_64 is already installed.
Package python36-3.6.8-38.module_el8.5.0+895+a459eca8.x86_64 is already installed.
Dependencies resolved.
=====
Package                               Architecture      Version                               Repository      Size
=====
Installing:
ImageMagick                           x86_64            6.9.12.64-1.el8                      epel            113 k
fping                                  x86_64            4.2-2.el8                             epel            43 k
ipmitool                              x86_64            1.8.18-18.el8                        appstream      395 k
php                                    x86_64            7.4.33-1.el8.remi                    remi-modular    3.0 M
php-gd                                 x86_64            7.4.33-1.el8.remi                    remi-modular    96 k
php-mysqlnd                           x86_64            7.4.33-1.el8.remi                    remi-modular    262 k
php-opcache                           x86_64            7.4.33-1.el8.remi                    remi-modular    339 k
php-pear                              x86_64            1:1.10.13-1.el8.remi                 remi-modular    366 k
php-process                           x86_64            7.4.33-1.el8.remi                    remi-modular    101 k
php-sodium                            x86_64            7.4.33-1.el8.remi                    remi-modular    91 k
python3-PyMySQL                       noarch            0.10.1-2.module_el8.5.0+761+faacb0fb appstream       98 k
python3-mysql                         x86_64            1.4.6-5.el8                          epel            99 k
subversion                            x86_64            1.10.2-5.module_el8.7.0+1146+633d65ff appstream      1.1 M
whois                                  x86_64            5.5.1-2.el8                          appstream       78 k
=====
```

Set Python3 to be the default Python version

```
[root@localhost ~]# alternatives --set python /usr/bin/python3
```

If you want to monitor libvirt virtual machines, install libvirt

```
[root@localhost ~]# yum install libvirt
```

Download Observium

First, create a directory for Observium to live in:

```
[root@localhost ~]# mkdir -p /opt/observium && cd /opt
```

Observium Community Edition

If you would like to install the Community Edition, please install using the most recent .tar.gz release.

Download the latest .tar.gz of Observium and unpack:

```
[root@localhost opt]# wget http://www.observium.org/observium-community-latest.tar.gz
```

```
[root@localhost opt]# tar zxvf observium-community-latest.tar.gz
```

```
[root@localhost ~]# mkdir -p /opt/observium && cd /opt
[root@localhost opt]# wget http://www.observium.org/observium-community-latest.tar.gz
--2022-11-30 12:52:39-- http://www.observium.org/observium-community-latest.tar.gz
Resolving www.observium.org (www.observium.org)... 144.76.112.154
Connecting to www.observium.org (www.observium.org)|144.76.112.154|:80... connected.
HTTP request sent, awaiting response... 301 Moved Permanently
location: https://www.observium.org/observium-community-latest.tar.gz [following]
--2022-11-30 12:52:39-- https://www.observium.org/observium-community-latest.tar.gz
Connecting to www.observium.org (www.observium.org)|144.76.112.154|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 116212218 (111M) [application/x-gzip]
Saving to: 'observium-community-latest.tar.gz'

observium-community-latest.tar.gz      100%[=====>] 110.83M  1.23MB/s   in 67s
2022-11-30 12:53:48 (1.64 MB/s) - 'observium-community-latest.tar.gz' saved [116212218/116212218]

[root@localhost opt]# tar zxvf observium-community-latest.tar.gz
observium/
observium/poller-wrapper.py
observium/README
observium/LICENSE.COMMUNITY
observium/observium-wrapper
```

```
[root@localhost ~]# yum install @mariadb -y
```

```
[root@localhost ~]# yum install @mariadb -y
Last metadata expiration check: 0:03:12 ago on Wed 30 Nov 2022 12:07:48 PM +06.
Dependencies resolved.
=====
Package                Arch    Version                                Repo                Size
=====
Installing group/module packages:
mariadb-server          x86_64  3:10.3.28-1.module_el8.3.0+757+d382997d appstream            16 M
Installing dependencies:
mariadb                 x86_64  3:10.3.28-1.module_el8.3.0+757+d382997d appstream             6.0 M
mariadb-common          x86_64  3:10.3.28-1.module_el8.3.0+757+d382997d appstream             64 k
mariadb-errmsg          x86_64  3:10.3.28-1.module_el8.3.0+757+d382997d appstream            234 k
Installing weak dependencies:
mariadb-backup          x86_64  3:10.3.28-1.module_el8.3.0+757+d382997d appstream             6.1 M
mariadb-gssapi-server   x86_64  3:10.3.28-1.module_el8.3.0+757+d382997d appstream             51 k
mariadb-server-utils    x86_64  3:10.3.28-1.module_el8.3.0+757+d382997d appstream            1.1 M
Installing module profiles:
mariadb/server
Enabling module streams:
mariadb                  10.3
```

```
[root@localhost ~]# yum install mariadb-server -y
```

```
[root@localhost ~]# systemctl start mariadb
```

```
[root@localhost ~]# mysql_secure_installation
```

```
[root@localhost ~]# mysql_secure_installation
```

```
NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB  
SERVERS IN PRODUCTION USE! PLEASE READ EACH STEP CAREFULLY!
```

In order to log into MariaDB to secure it, we'll need the current password for the root user. If you've just installed MariaDB, and you haven't set the root password yet, the password will be blank, so you should just press enter here.

Enter current password for root (enter for none):

OK, successfully used password, moving on...

Setting the root password ensures that nobody can log into the MariaDB root user without the proper authorisation.

Set root password? [Y/n] Y

New password:

Re-enter new password:

Password updated successfully!

Reloading privilege tables..

... Success!

By default, a MariaDB installation has an anonymous user, allowing anyone to log into MariaDB without having to have a user account created for them. This is intended only for testing, and to make the installation go a bit smoother. You should remove them before moving into a production environment.

Remove anonymous users? [Y/n] Y

... Success!

Normally, root should only be allowed to connect from 'localhost'. This ensures that someone cannot guess at the root password from the network.

Disallow root login remotely? [Y/n] Y

... Success!

By default, MariaDB comes with a database named 'test' that anyone can access. This is also intended only for testing, and should be removed before moving into a production environment.

Remove test database and access to it? [Y/n] Y

- Dropping test database...

... Success!

- Removing privileges on test database...

... Success!

Reloading the privilege tables will ensure that all changes made so far will take effect immediately.

Reload privilege tables now? [Y/n] Y

... Success!

Cleaning up...

All done! If you've completed all of the above steps, your MariaDB installation should now be secure.

Thanks for using MariaDB!



```
[root@localhost ~]# systemctl enable mariadb.service
```

```
[root@localhost opt]# systemctl enable mariadb
```

```
[root@localhost opt]# systemctl start mariadb
```

```
[root@localhost opt]# mysql -u root -p
```

```
MariaDB [(none)]> CREATE DATABASE observium DEFAULT CHARACTER SET utf8 COLLATE utf8_general_ci;
```

```
Query OK, 1 row affected (0.005 sec)
```

```
MariaDB [(none)]> CREATE USER 'observium'@'localhost' IDENTIFIED BY 'password';
```

```
Query OK, 1 row affected (0.005 sec)
```

```
MariaDB [(none)]> GRANT ALL PRIVILEGES ON observium.* TO 'observium'@'localhost' IDENTIFIED BY '<observium db password>';
```

```
Query OK, 0 rows affected (0.047 sec)
```

```
MariaDB [(none)]> drop user omer@localhost;
```

```
Query OK, 0 rows affected (0.002 sec)
```

```
MariaDB [(none)]> drop user omer@localhost;  
Query OK, 0 rows affected (0.002 sec)
```

```
MariaDB [(none)]>  
MariaDB [(none)]> CREATE USER 'observium'@'localhost' IDENTIFIED BY 'test123';
```

```
ERROR 1396 (HY000): Operation CREATE USER failed for 'observium'@'localhost'
```

```
MariaDB [(none)]> drop user observium@localhost;
```

```
Query OK, 0 rows affected (0.001 sec)
```

```
MariaDB [(none)]> CREATE USER 'observium'@'localhost' IDENTIFIED BY 'password';
```

```
Query OK, 0 rows affected (0.001 sec)
```

```
MariaDB [(none)]> GRANT ALL PRIVILEGES ON observium.* TO 'observium'@'localhost';
```

```
Query OK, 0 rows affected (0.001 sec)
```

```
MariaDB [(none)]> FLUSH PRIVILEGES;
```

```
Query OK, 0 rows affected (0.006 sec)
```

```
MariaDB [(none)]> exit
```

```
Bye
```

System

Create the rrd directory to store RRDs in:

```
[root@localhost observium]# mkdir rrd
[root@localhost observium]# chown apache:apache rrd
```

If the server will be running *only* Observium, change /etc/httpd/conf.d/observium.conf and add the following to the end :

```
[root@localhost observium]# vim /etc/httpd/conf.d/observium.conf

<VirtualHost *>
  DocumentRoot /opt/observium/html/
  ServerName your Server IP (10.200.10.50)
  CustomLog /opt/observium/logs/access_log combined
  ErrorLog /opt/observium/logs/error_log
  <Directory "/opt/observium/html/">
    AllowOverride All
    Options FollowSymLinks MultiViews
    Require all granted
  </Directory>
</VirtualHost>
```

Create logs directory for apache

```
[root@localhost ]#cd /opt/observium
[root@localhost observium]# mkdir logs
[root@localhost observium]# chown apache:apache /opt/observium/logs
```

Add a first user, use level of 10 for admin:

```
[root@localhost]# cd /opt/observium

./adduser.php <username> <password> <level>

[root@localhost observium]#./adduser.php admin admin@123 10
```

Add a first device to monitor:

```
./add_device.php <hostname> <community> v2c  
[root@localhost observium]#./add_device.php 10.200.10.50 redhat v2c
```

Do an initial discovery and polling run to populate the data for the new device:

```
./discovery.php -h all  
./poller.php -h all
```

SELinux

Explaining SELinux and how to make Observium work within it is beyond the scope of this guide, so we will disable it. If you are competent enough to maintain SELinux, then that is possible too, but is an even more unsupported configuration than RHEL/CentOS themselves.

Firstly, disable SELinux. You can do this temporarily with the following command:

```
[root@localhost ~]# vim /etc/sysconfig/selinux  
  
SELINUX=disabled  
  
# This file controls the state of SELinux on the system.  
# SELINUX= can take one of these three values:  
#   enforcing - SELinux security policy is enforced.  
#   permissive - SELinux prints warnings instead of enforcing.  
#   disabled - No SELinux policy is loaded.  
SELINUX=disabled  
# SELINUXTYPE= can take one of these three values:  
#   targeted - Targeted processes are protected,  
#   minimum - Modification of targeted policy. Only selected processes are protected.  
#   mls - Multi Level Security protection.  
SELINUXTYPE=targeted
```

```
setenforce 0
```

We need to disable SELinux permanently, so you also need to change `/etc/selinux/config` so that the `SELINUX` option is set to permissive

```
SELINUX=permissive
```

Cron

Add cron jobs, create a new file `/etc/cron.d/observium` with the following contents:

Cron Usage

The below example includes a username, so will only work in `/etc/crontab` or `/etc/cron.d/observium`. It will **NOT** work in a user crontab edited with `crontab -e` without removing the username.

```
[root@localhost ~]# vim /etc/cron.d/observium
```

```
# Run a complete discovery of all devices once every 6 hours
33 */6 * * * root /opt/observium/discovery.php -h all >> /dev/null 2>&1

# Run automated discovery of newly added devices every 5 minutes
*/5 * * * * root /opt/observium/discovery.php -h new >> /dev/null 2>&1

# Run multithreaded poller wrapper every 5 minutes
*/5 * * * * root /opt/observium/poller-wrapper.py >> /dev/null 2>&1

# Run housekeeping script daily for syslog, eventlog and alert log
13 5 * * * root /opt/observium/housekeeping.php -ysel

# Run housekeeping script daily for rrd, ports, orphaned entries in the database and performance data
47 4 * * * root /opt/observium/housekeeping.php -yrptb
```

```
# Run a complete discovery of all devices once every 6 hours
33 */6 * * * root /opt/observium/discovery.php -h all >> /dev/null 2>&1

# Run automated discovery of newly added devices every 5 minutes
*/5 * * * * root /opt/observium/discovery.php -h new >> /dev/null 2>&1

# Run multithreaded poller wrapper every 5 minutes
*/5 * * * * root /opt/observium/poller-wrapper.py >> /dev/null 2>&1

# Run housekeeping script daily for syslog, eventlog and alert log
13 5 * * * root /opt/observium/housekeeping.php -ysel

# Run housekeeping script daily for rrd, ports, orphaned entries in the database and performance data
47 4 * * * root /opt/observium/housekeeping.php -yrptb
```

And reload the cron process:

```
[root@localhost ~]# systemctl reload crond
```

```
[root@localhost opt]# cd observium/
```

```
[root@localhost observium]# cp config.php.default config.php
```



```
[root@localhost observium]# vim config.php
```

```
$config['db_user']    = 'observium';
```

```
$config['db_pass']    = 'password';
```

```
// Database config
// --- This MUST be configured
$config['db_host']     = 'localhost';
$config['db_name']     = 'observium';
$config['db_user']     = 'observium';
$config['db_pass']     = 'password';

// Base directory
#$config['install_dir'] = "/opt/observium";

// Default snmp version
#$config['snmp']['version'] = "v2c";
// Snmp max repetition for faster requests
#$config['snmp']['max-rep'] = TRUE;
// Default snmp community list to use when adding/discovering
#$config['snmp']['community'] = [ "public" ];

// Authentication Model
#$config['auth_mechanism'] = "mysql";    // default, other options: ldap, http-auth, please s

// Enable alerter
#$config['poller-wrapper']['alerter'] = TRUE;

// Show or not disabled devices on major pages
#$config['web_show_disabled'] = FALSE;

// Set up a default alerter (email to a single address)
#$config['email']['default']           = "user@your-domain";
#$config['email']['from']               = "Observium <observium@your-domain>";
$config['fping'] = "/usr/sbin/fping";
// End config.php
~
```

```
[root@localhost observium]# which fping
```

```
/usr/sbin/fping
```

```
$config['fping'] = "/usr/sbin/fping";
```

```
[root@localhost opt]#
[root@localhost opt]#
[root@localhost opt]# cd observium/
[root@localhost observium]# cp config.php.default config.php
cp: overwrite 'config.php'? y
[root@localhost observium]#
[root@localhost observium]#
[root@localhost observium]# vim config.php
[root@localhost observium]# who
who      whoami  whois    whois.md
[root@localhost observium]# which fping
/usr/sbin/fping
[root@localhost observium]# vim config.php
[root@localhost observium]# ./discovery.php -u
```

```
[root@localhost observium]# ./discovery.php -u
```

```
[root@localhost observium]# ./discovery.php -u

Observium
Observium Community Edition 22.5.12042
https://www.observium.org

Install initial database schema ... done.
-- Updating database/file schema
416 -> 417 # (db) .. Done (0s).
417 -> 418 # (db) . Done (0s).
418 -> 419 # (db) .... Done (0s).
419 -> 420 # (db) .. Done (0s).
420 -> 421 # (db) ... Done (0s).
421 -> 422 # (db) .. Done (0s).
422 -> 423 # (db) ..... Done (0s).
423 -> 424 # (php) Done (0s).
424 -> 425 # (db) . Done (0s).
```

```
[root@localhost observium]# mysql -u root -p
```

MariaDB [(none)]> show databases;

```
MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| inventory |
| mysql |
| observium |
| performance_schema |
+-----+
5 rows in set (0.000 sec)
```

MariaDB [(none)]> use observium

```
MariaDB [(none)]> use observium
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
MariaDB [observium]>
```

MariaDB [observium]> show tables;

```
Database changed
MariaDB [observium]> show tables;
+-----+
| Tables_in_observium |
+-----+
| accesspoints         |
| accesspoints-state   |
| alert_assoc          |
| alert_contacts       |
| alert_contacts_assoc |
+-----+
```

```
[root@localhost observium]# mkdir rrd
[root@localhost observium]# chown apache:apache rrd
[root@localhost observium]# mkdir logs
[root@localhost observium]# chown apache:apache /opt/observium/logs
```

```
[root@localhost observium]# vim /etc/php.ini
date.timezone =Asia/Dhaka
```

```
[Date]
; Defines the default timezone used by the date functions
; http://php.net/date.timezone
date.timezone =Asia/Dhaka
```

```
[root@localhost observium]# systemctl restart httpd
[root@localhost observium]# systemctl status httpd
```

```
[root@localhost observium]# systemctl status httpd
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor preset: disabled)
   Drop-In: /usr/lib/systemd/system/httpd.service.d
            └─php-fpm.conf
   Active: active (running) since Wed 2022-11-30 18:03:04 +06; 8s ago
     Docs: man:httpd.service(8)
  Main PID: 64276 (httpd)
    Status: "Started, listening on: port 443, port 80"
     Tasks: 214 (limit: 8038)
    Memory: 28.6M
    CGroup: /system.slice/httpd.service
            └─64276 /usr/sbin/httpd -DFOREGROUND
              64278 /usr/sbin/httpd -DFOREGROUND
              64279 /usr/sbin/httpd -DFOREGROUND
              64280 /usr/sbin/httpd -DFOREGROUND
              64281 /usr/sbin/httpd -DFOREGROUND
              64282 /usr/sbin/httpd -DFOREGROUND
```

```
[root@localhost observium]# ./adduser.php admin admin@123 10
```

User admin added successfully.

```
[root@localhost observium]# cp /opt/observium/snmpd.conf.example /etc/snmp/snmpd.conf
```

```
[root@localhost observium]# vim /etc/snmp/snmpd.conf
```

```
rwcommunity redhat 10.200.10.52
```

```
# Default access to full view
rocommunity obs3rvium default -V all

rwcommunity redhat 10.200.10.52
```

```
[root@localhost observium]# systemctl restart snmpd.service
```

```
[root@localhost observium]# systemctl start snmpd
```

```
[root@localhost observium]# systemctl status snmpd
```

```
[root@localhost observium]# systemctl start snmpd
[root@localhost observium]# systemctl status snmpd
● snmpd.service - Simple Network Management Protocol (SNMP) Daemon.
   Loaded: loaded (/usr/lib/systemd/system/snmpd.service; disabled; vendor preset: disabled)
   Active: active (running) since Wed 2022-11-30 18:11:06 +06; 23s ago
     Main PID: 64648 (snmpd)
       Tasks: 1 (limit: 8038)
      Memory: 10.8M
    CGroup: /system.slice/snmpd.service
            └─64648 /usr/sbin/snmpd -LS0-6d -f
```

```
[root@localhost observium]# systemctl reload crond
```

```
[root@localhost observium]# systemctl enable httpd
```

```
[root@localhost observium]# firewall-cmd --permanent --zone=public --add-
service=http
```

```
[root@localhost observium]# firewall-cmd --reload
```

success

```
[root@localhost observium]# firewall-cmd --permanent --zone=public --add-
service=http
```

success

```
[root@localhost observium]# firewall-cmd --reload
```

success

```
[root@localhost observium]# ./add_device.php 10.200.10.52 redhat v2c
```

```
success
[root@localhost observium]# ./add_device.php 10.200.10.52 redhat v2c
Observium CE 22.5.12042
Add Device(s)

Try to add 10.200.10.52:
Trying v2c community *** [0] ...

+-----+-----+
| OID |
+-----+-----+
| sysDescr | Linux localhost.localdomain 4.18.0-408.el8.x86_64 #1 SMP Mon Jul 18 17:42:52 UTC 2022 x86_64 |
| sysObjectID | .1.3.6.1.4.1.8072.3.2.10 |
+-----+-----+

o Detect OS matched (linux: Linux):
+-----+-----+
| OID | Matched definition | |
+-----+-----+
| file | linux.inc.php | |
+-----+-----+

Now discovering 10.200.10.52 (id = 1)
#### 10.200.10.52 [1] ####

o OS Type          linux
o OS Group         unix
o SNMP Version     v2c
o Last discovery
o Last duration    seconds
```

Final Points

Let's set the httpd to startup when we reboot the server:

```
[root@localhost observium]# systemctl enable httpd
[root@localhost observium]# systemctl start httpd
```


Permit HTTP through the server's default firewall

```
[root@localhost observium]# firewall-cmd --permanent --zone=public --add-
service=http
[root@localhost observium]# firewall-cmd --reload
```

Source

https://docs.observium.org/install_rhel/#rhel-centos-7

https://www.youtube.com/watch?v=zQXVDc_zxw0&t=503s&ab_channel=IPCoreNetworks




Devices

Ports

Health

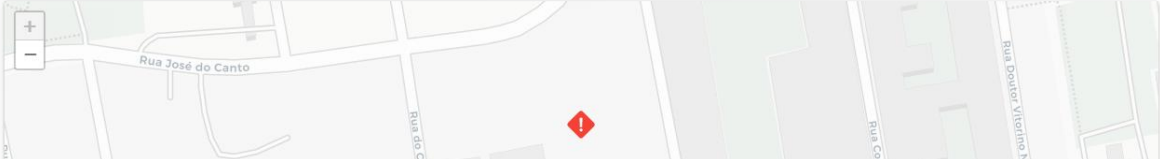
Search




Welcome to your new Observium dashboard!
This was autogenerated based on your previous front page. It can be modified to suit your requirements.
Please see the [documentation](#) for information about how to configure this dashboard. Including how to delete this widget!

	Total	Up	Alert	Ignored (Dev)	Disabled / Shut
Devices	2	1 up	1 down	0 ignored	0 disabled
Ports	46	24 up	22 down	0 (0) ignored	0 shutdown

Alerts	Ok	Fail	Delay	Suppress	Other
	0	0	0	0	0






Devices

Ports

Health

Search



Welcome to your new Observium dashboard!
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Please see the [documentation](#) for information about how to configure this dashboard. Including how to delete this widget!

	Total	Up	Alert	Ignored (Dev)	Disabled / Shut
Devices	2	1 up	1 down	0 ignored	0 disabled
Ports	46	24 up	22 down	0 (0) ignored	0 shutdown

All Devices 1 1

Locations

Servers

Workstations

Down

Add Device

Delete Device

Alerts	Ok	Fail	Delay	Suppress	Other
	0	0	0	0	0

Basic Configuration

Hostname

Hostname

Skip PING

☐ Skip ICMP echo checks

Protocol Version

v2c

Transport

UDP

Port

1-65535. Default 161.

Timeout

1-120 sec. Default 1 sec.

Retries

1-10. Default 5.

Max Repetitions

0-500. Default 10. 0 for disable snmpbul

Ignore existing RRDs

☒ Ignore pre-existing RRD directory and files

SNMP v1/v2c Authentication

SNMP Community

SNMP Community

Extra Configuration

SNMP Context

(Optional) Context

✓ Add device

OBSERVIVIUM network management and monitoring

Devices Ports Health

Search

Hostname Select Locations Select OS Select Hardware Select Vendor Select Groups

sysName Location Select OS Version Select Featureset Select Device Type Hostname

sysDescr Description / Purpose sysContact Select Distro Serial Number Search

Devices Basic Details Status Graphs

Disable Pagination Hide Search Hide Header Reset

Device / Location	Operating System / Hardware Platform	Uptime / sysName
10.200.10.27	Microsoft Windows 10 (NT 6.3) (Multiprocessor) Intel (64-bit)	1d 18h 29m 15s desktop-f46pv7d
10.200.10.52	Linux 4.18.0-408.el8.x86_64 (RedHat 8) Virtual Platform x86 [64bit]	14m 39s localhost.localdomain

OBSERVIVIUM network management and monitoring

Health Processors Memory Storage

Device Processor Search

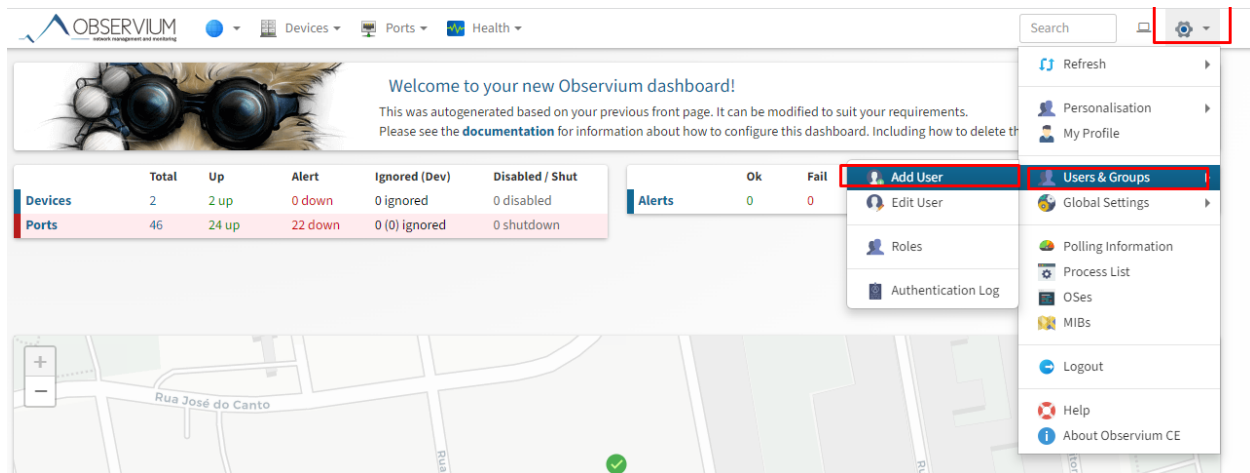
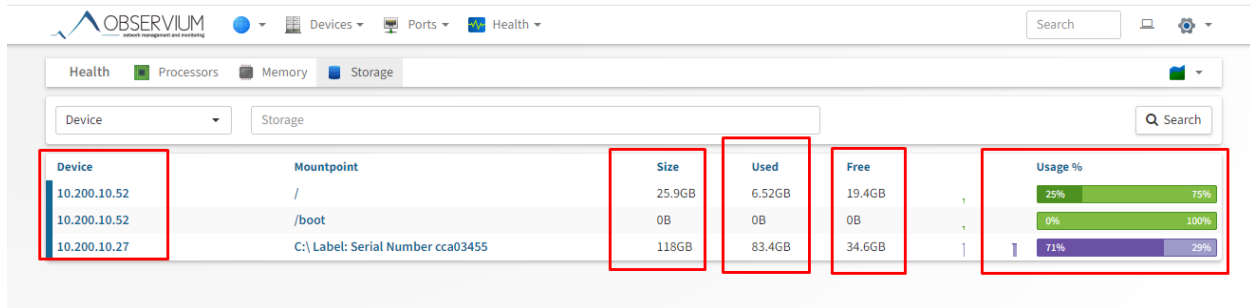
Device	Processor	Usage
10.200.10.27	Average	18% 82%
10.200.10.27	Unknown Processor Type	18% 82%
10.200.10.27	Unknown Processor Type	15% 85%
10.200.10.27	Unknown Processor Type	22% 78%
10.200.10.27	Unknown Processor Type	17% 83%
10.200.10.52	Average	13% 87%
10.200.10.52	Intel Core i3-7020U @ 2.30GHz	13% 87%

OBSERVIVIUM network management and monitoring

Health Processors Memory Storage

Device Mempool Search

Device	Memory	Usage	Used	
10.200.10.52	Memory buffers	3.09MB/1.26GB (0%)	1.26GB (100%)	0%
10.200.10.27	Physical Memory	3.27GB/3.91GB (84%)	657MB (16%)	84%
10.200.10.52	Physical Memory	691MB/1.26GB (53%)	603MB (47%)	53%
10.200.10.52	Swap space	768B/3GB (0%)	3GB (100%)	0%
10.200.10.27	Virtual Memory	6.9GB/8.66GB (80%)	1.76GB (20%)	80%
10.200.10.52	Virtual memory	1.19GB/4.26GB (28%)	3.08GB (72%)	28%



Users Roles Authentication Log Add User Add Role

User Properties

Username: ikbal2

Password: ikbal2

☒ Allow the user to change his password

Real Name: Ikbal Hossain

User Level: Administrator

Optional Information

E-mail: ikbal.hossain@triangle.com.bd

Description: Asst.System Engineer

OBSERVUM

Network Management and Monitoring

Devices

Ports

Health

Search

Edit User

ikbal2

User Information

User ID

3

Username

ikbal2

Real Name

Ikbal Hossain

User Level

Administrator

Email

ikbal.hossain@triangle.com.bd

Description

Asst.System Engineer

Edit User

Change Password

New Password

New Password

Retype Password

Retype Password

Update Password

Role Membership

This user currently has no role memberships

Add Role

Add

No authentication entries found!

Global Permissions

THIS USER HAS FULL ADMINISTRATION

Device Permissions

Port Permissions

Sensor Permissions

THIS USER HAS FULL ADMINISTRATION

This user currently has no permitted devices

This user currently has no permitted ports

This user currently has no permitted sensors

Refresh

4min 31sec

Personalisation

My Profile

Users & Groups

Global Settings

Polling Information

Process List

OSes

MIBs

Logout

Help

About Observium CE