Zabbix installation steps:

Update the machine: yum update.

```
Upgrading          : util-linux-2.37.4-9.el9.x86_64                                                    103/420
Upgrading          : device-mapper-9:1.02.185-3.el9.x86_64                                             104/420
Upgrading          : device-mapper-libs-9:1.02.185-3.el9.x86_64                                        105/420
Upgrading          : cryptsetup-libs-2.4.3-5.el9_1.1.x86_64                                            106/420
Upgrading          : systemd-pam-250-12.el9_1.3.x86_64                                                 107/420
Upgrading          : dbus-1:1.12.20-7.el9_1.x86_64                                                     108/420
Running scriptlet: systemd-250-12.el9_1.3.x86_64                                                       109/420
Upgrading          : systemd-250-12.el9_1.3.x86_64 [=====================================         ] 109/420
```

Add Zabbix repo:

```
zabbix                                    Zabbix Official Repository - x86_64                            enabled
zabbix-non-supported                      Zabbix Official Repository non-supported - x86_64              enabled
[root@ip-172-31-4-154 ~]#
```

Install Zabbix:

dnf install zabbix-server-mysql zabbix-web-mysql zabbix-apache-conf zabbix-sql-scripts zabbix-selinux-policy zabbix-agent MariaDB-server -y.

```
Installed:
  OpenIPMI-libs-2.0.32-3.el9.x86_64              apr-1.7.0-11.el9.x86_64                        apr-util-1.6.1-20.el9.x86_64
  apr-util-bdb-1.6.1-20.el9.x86_64               apr-util-openssl-1.6.1-20.el9.x86_64           fontconfig-2.14.0-2.el9_1.x86_64
  fping-5.1-1.el9.x86_64                         gd-2.3.2-3.el9.x86_64                          httpd-2.4.53-7.el9_1.5.x86_64
  httpd-core-2.4.53-7.el9_1.5.x86_64             httpd-filesystem-2.4.53-7.el9_1.5.noarch       httpd-tools-2.4.53-7.el9_1.5.x86_64
  jbigkit-libs-2.1-23.el9.x86_64                 libX11-1.7.0-7.el9.x86_64                      libX11-common-1.7.0-7.el9.noarch
  libXau-1.0.9-8.el9.x86_64                      libXpm-3.5.13-8.el9_1.x86_64                   libjpeg-turbo-2.0.90-6.el9_1.x86_64
  libtiff-4.4.0-5.el9_1.x86_64                   libtool-ltdl-2.4.6-45.el9.x86_64               libwebp-1.2.0-6.el9_1.x86_64
  libxcb-1.13.1-9.el9.x86_64                     libxslt-1.1.34-9.el9.x86_64                    mailcap-2.1.49-5.el9.noarch
  mariadb-connector-c-3.2.6-1.el9_0.x86_64       mariadb-connector-c-config-3.2.6-1.el9_0.noarch  mod_http2-1.15.19-3.el9_1.5.x86_64
  mod_lua-2.4.53-7.el9_1.5.x86_64                net-snmp-libs-1:5.9.1-7.el9_0.1.x86_64         nginx-filesystem-1:1.20.1-13.el9.noarch
  oniguruma-6.9.6-1.el9.5.x86_64                 php-bcmath-8.0.27-1.el9_1.x86_64               php-common-8.0.27-1.el9_1.x86_64
  php-fpm-8.0.27-1.el9_1.x86_64                  php-gd-8.0.27-1.el9_1.x86_64                   php-ldap-8.0.27-1.el9_1.x86_64
  php-mbstring-8.0.27-1.el9_1.x86_64             php-mysqlnd-8.0.27-1.el9_1.x86_64              php-pdo-8.0.27-1.el9_1.x86_64
  php-xml-8.0.27-1.el9_1.x86_64                  redhat-logos-httpd-90.4-1.el9.noarch           unixODBC-2.3.9-4.el9.x86_64
  xml-common-0.6.3-58.el9.noarch                 zabbix-agent-6.0.17-release1.el9.x86_64        zabbix-apache-conf-6.0.17-release1.el9.noarch
  zabbix-selinux-policy-6.0.17-release1.el9.x86_64  zabbix-server-mysql-6.0.17-release1.el9.x86_64  zabbix-sql-scripts-6.0.17-release1.el9.noarch
  zabbix-web-6.0.17-release1.el9.noarch          zabbix-web-deps-6.0.17-release1.el9.noarch     zabbix-web-mysql-6.0.17-release1.el9.noarch

Complete!
```

Create initial database for zabbix.

```
[root@ip-172-31-4-154 ~]# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 9
Server version: 10.5.16-MariaDB MariaDB Server

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> CREATE DATABASE zabbix CHARACTER SET utf8 COLLATE utf8_bin;
Query OK, 1 row affected (0.000 sec)

MariaDB [(none)]> GRANT ALL PRIVILEGES ON zabbix.* TO zabbix@localhost IDENTIFIED BY root;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '
root' at line 1
MariaDB [(none)]> GRANT ALL PRIVILEGES ON zabbix.* TO zabbix@localhost IDENTIFIED BY 'root';
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]> SHOW DATABTES;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '
DATABSES' at line 1
MariaDB [(none)]> SHOW DATABSE;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '
DATABSE' at line 1
MariaDB [(none)]> SHOW DATABASES;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| zabbix             |
+--------------------+
```

Configure database with password created:

Uncomment #dbpassword= (enter password)

```
[root@ip-172-31-4-154 ~]# vim /etc/zabbix/zabbix_server.conf
[root@ip-172-31-4-154 ~]#
```

Start and enable zabbix server

```
[root@pc ~]# systemctl start zabbix-server
[root@pc ~]# systemctl enable zabbix-server
Created symlink /etc/systemd/system/multi-user.target.wants/zabbix-server.service → /usr/lib
/systemd/system/zabbix-server.service.
```

Restart httpd and browse http://localhost/zabbix: