



Instructions To Install YumaBench

Version 1.6

1 Preface

1.1 Legal Statements

Copyright 2009 – 2012, Andy Bierman, All Rights Reserved.

Copyright 2012 - 2021, YumaWorks, Inc., All Rights Reserved.

1.2 Additional Resources

Other documentation includes:

[YumaBench User Manual](#)



For issues installing or running YumaBench:

<https://yumaworks.freshdesk.com/support/solutions/articles/1000299362-issues-installing-yumabench>

1.3 Conventions Used in this Document

The following formatting conventions are used throughout this document:

Documentation Conventions

Convention	Description
<code>--foo</code>	CLI parameter foo
<code><foo></code>	XML element foo
<code>foo</code>	yuma-bench command or parameter
<code>\$FOO</code>	Environment variable FOO
some text	Example command or PDU
some text	Plain text
 Informational text	Useful or expanded information
 Warning text	Warning information indicating possibly unexpected side-effects

2 Prerequisites

Your system will need access to the Internet to install YumaBench. You will need your system's sudo permission or have your system administrator install YumaBench for you.

YumaBench is currently available on 64-bit versions of:

- Ubuntu 18.04 LTS and 20.04 LTS
- Debian 9 and 10
- Fedora 33 and 34
- CentOS 8
- Red Hat Enterprise Linux 8
- macOS Catalina and Big Sur

3 Linux System Preparation

The following steps are for the various supported Linux versions.

3.1 For .deb based systems

The yumapro-installer package will install the yumabench-installer and all the required packages for the installer and yumabench to install and run.

For .deb based Linux systems, Debian and Ubuntu, download the **yumapro-installer_<version_number>_amd64.deb** package from <https://www.yumaworks.com/support/download-yumabench/>. Then execute the following commands to install the yuma-bench installer and dependencies:

```
> sudo apt-get install ./<.deb package name>
....
> yumabench-linux-installer
```

At this point the yumabench GUI Installer will run. To continue the installation instructions go to section “5 Installation”.

3.2 For CentOS systems

To prepare your CentOS Linux system you need to install two libraries. After that the YumaBench Installer will install everything else you need. To install these libraries perform the following on your system:

```
> sudo dnf install epel-release  
> sudo dnf install libssh2
```

Then follow the steps in the next section to finish the installation.

3.3 For .rpm based systems

The yumapro-installer package will install the yumabench-installer and all the required packages for the installer and yumabench to install and run.

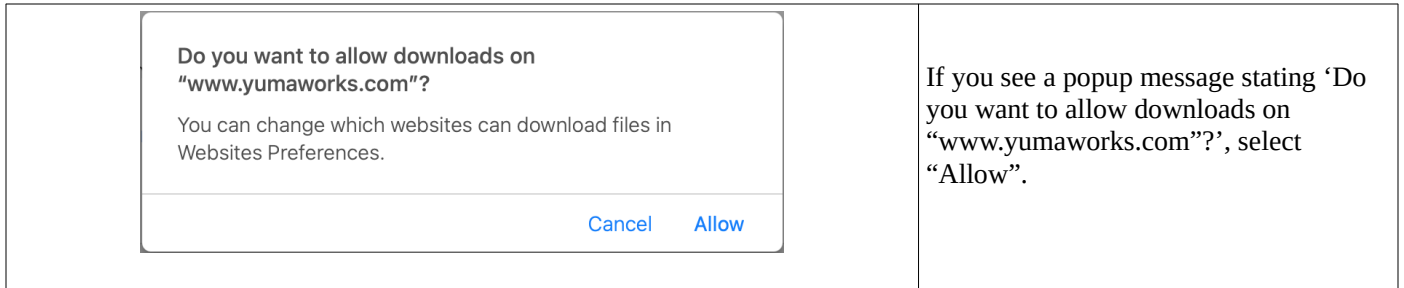
For .rpm based Linux systems, Red Hat Enterprise Linux, CentOS and Fedora, download the **Yumapro-installer-
<version_number>.x86_64.rpm** package from <https://www.yumaworks.com/support/download-yumabench/>. Then execute the following commands to install the yuma-bench installer and dependencies:

```
> sudo dnf install ./<.rpm package name>  
  
....  
  
> yumabench-linux-installer
```

At this point the yumabench GUI Installer will run. To continue the installation instructions go to section “5 Installation”.

4 macOS System Preparation

For macOS systems download the **YumaBench_for_Mac_OS_<version_number>.zip** package from <https://www.yumaworks.com/support/download-yumabench/>.



In Finder locate the directory where the .zip file is located, by default this will be Downloads, and double click on YumaBench_for_Mac_OS_<version_number>.zip. This will create a YumaBench_for_Mac_OS_<version_number> folder.

Double click the folder to display the following contents:

- README
- yuma-bench-installer
- yumabench-setup

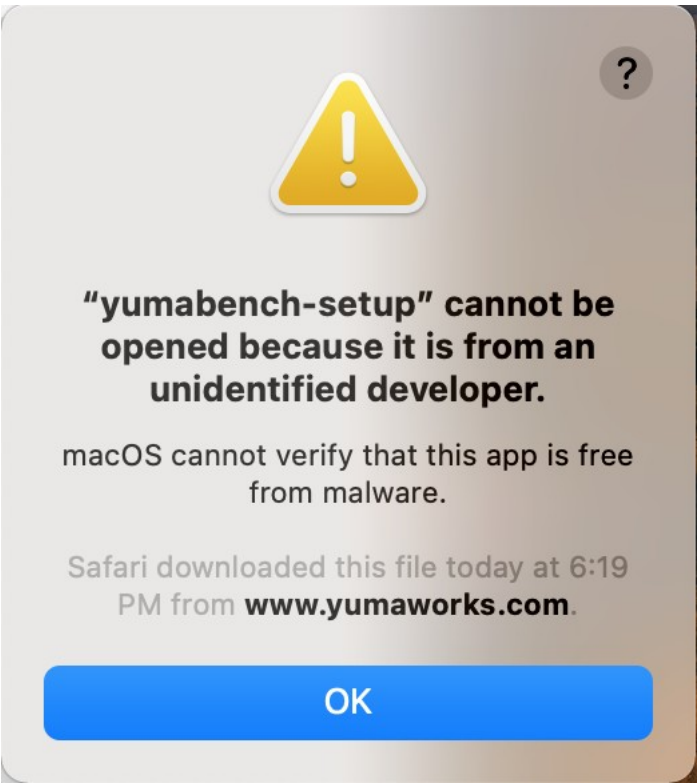
The README contains the installation instructions.


Double click the yumabench-setup icon or run ./yumabench-setup from a Terminal window.

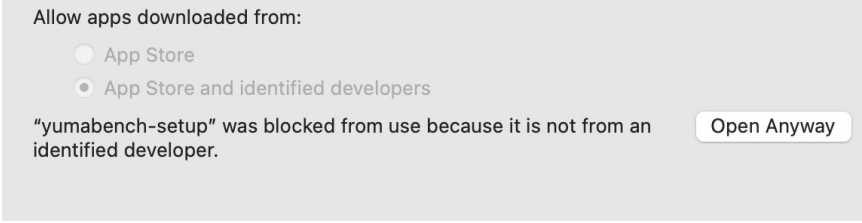
This will install and setup any of the following that are not already installed on your system:

- Homebrew
- qt5
- libssh2
- libxml2

4.1 macOS security steps

 <p>A macOS security warning dialog box with a yellow warning triangle icon at the top center. The text reads: "yumabench-setup" cannot be opened because it is from an unidentified developer. Below this, it says "macOS cannot verify that this app is free from malware." and "Safari downloaded this file today at 6:19 PM from www.yumaworks.com." At the bottom is a blue button labeled "OK".</p>	<p>If you see a popup message stating that yumabench-setup 'is from an unidentified developer', select "OK".</p>
---	--

<p>Then select "Apple System Preferences...", then select the "Security & Privacy" application icon.</p>	 <p>The icon for the Security & Privacy application, featuring a house with a shield and a keyhole, with the text "Security & Privacy" below it.</p>
--	--

 <p>A screenshot of the macOS Security & Privacy settings dialog. It shows "Allow apps downloaded from:" with two radio buttons: "App Store" (unselected) and "App Store and identified developers" (selected). Below this, it says: "yumabench-setup" was blocked from use because it is not from an identified developer. There is an "Open Anyway" button.</p>	<p>In the message "yumabench-setup" was blocked from use because it is not from an identified developer.', select "Open Anyway".</p>
---	--

You may need to double click the yumabench-setup icon or run ./yumabench-setup from a Terminal window again if it does not restart automatically.

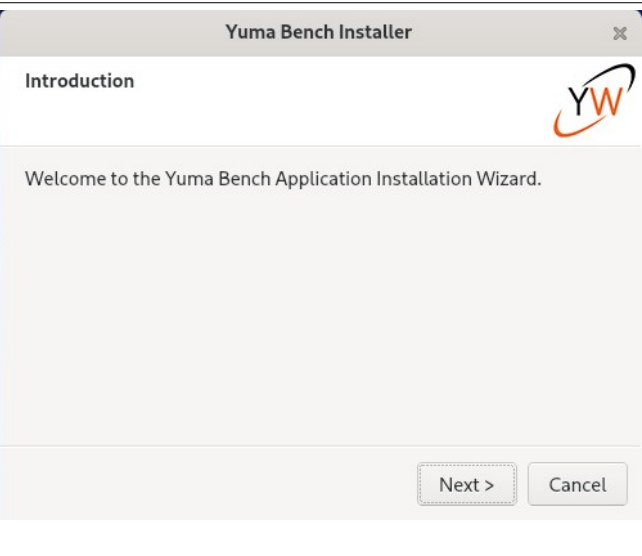
This will cause an “Are you sure you want to open it?” popup. Select “Open” to start the Installer.

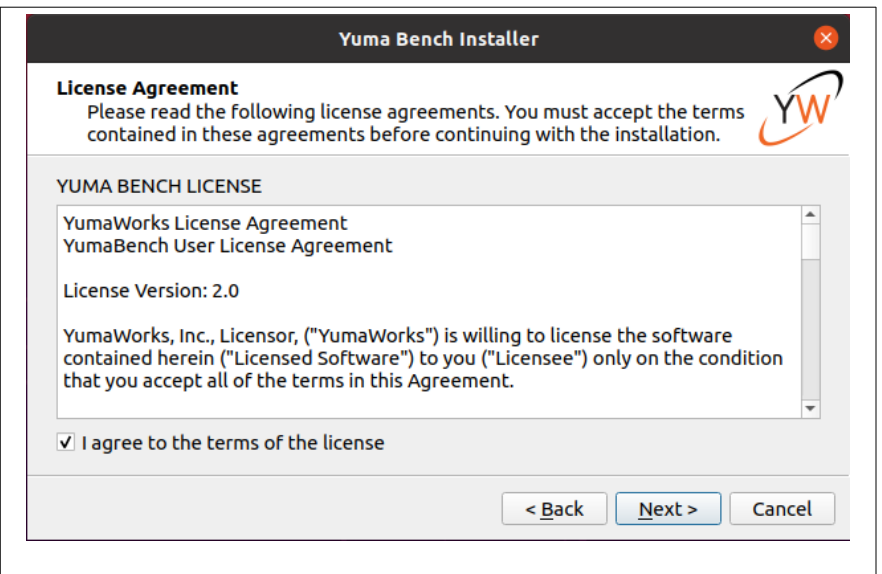


Then double click yuma-bench-installer or run `./yuma-bench-installer` from a Terminal window. You may have to repeat the section “4.1 macOS security steps” for the yuma-bench-installer application. At this point the yumabench GUI Installer will run.

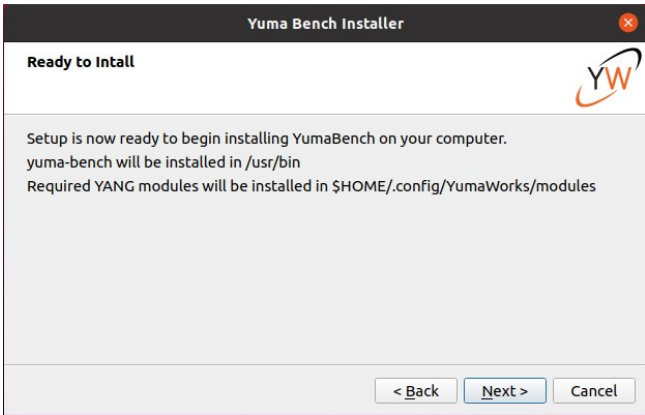
5 Installation

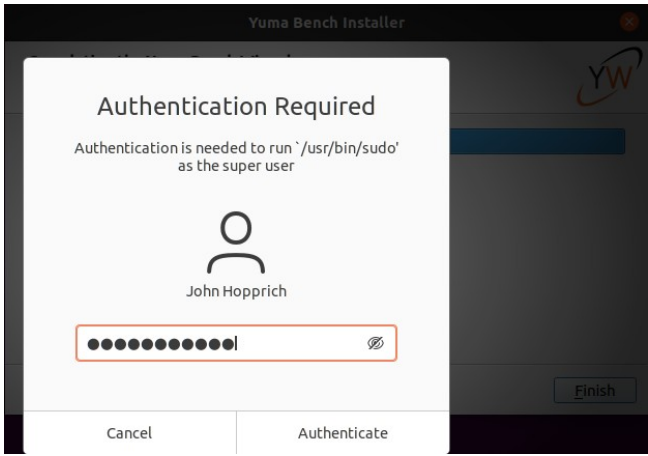
The yumabench GUI Installer will install the necessary YumaBench components using the following screens:

	<p>This screen will appear. Select "Next".</p>
---	--

<p>You will need to accept the license terms and then select "Next".</p>	
--	--

YumaBench User Manual

	<p>This screen will display what is going to be installed on your system and where it will be installed. Select "Next".</p>
---	---

<p>For Linux systems finishing the installation will require you to provide your sudo privileges password to be able to install YumaBench on your system.</p> <p>Then select "Finish".</p> <p>On macOS there will be a Terminal status window that was created when you launched the Installer, you may need to close the window.</p>	
---	---

From a Terminal window you can now launch yuma-bench with the following command:

```
> yuma-bench
```

Details instructions on how to use YumaBench can be found in the User Manual which is available here: [YumaBench User Manual](#)

Once you have created a Device, a User and a Session you can connect to any standard NETCONF server.

You can use the free YumaPro SDK Basic NETCONF server. Download from here: [YumaPro SDK Basic](#)

