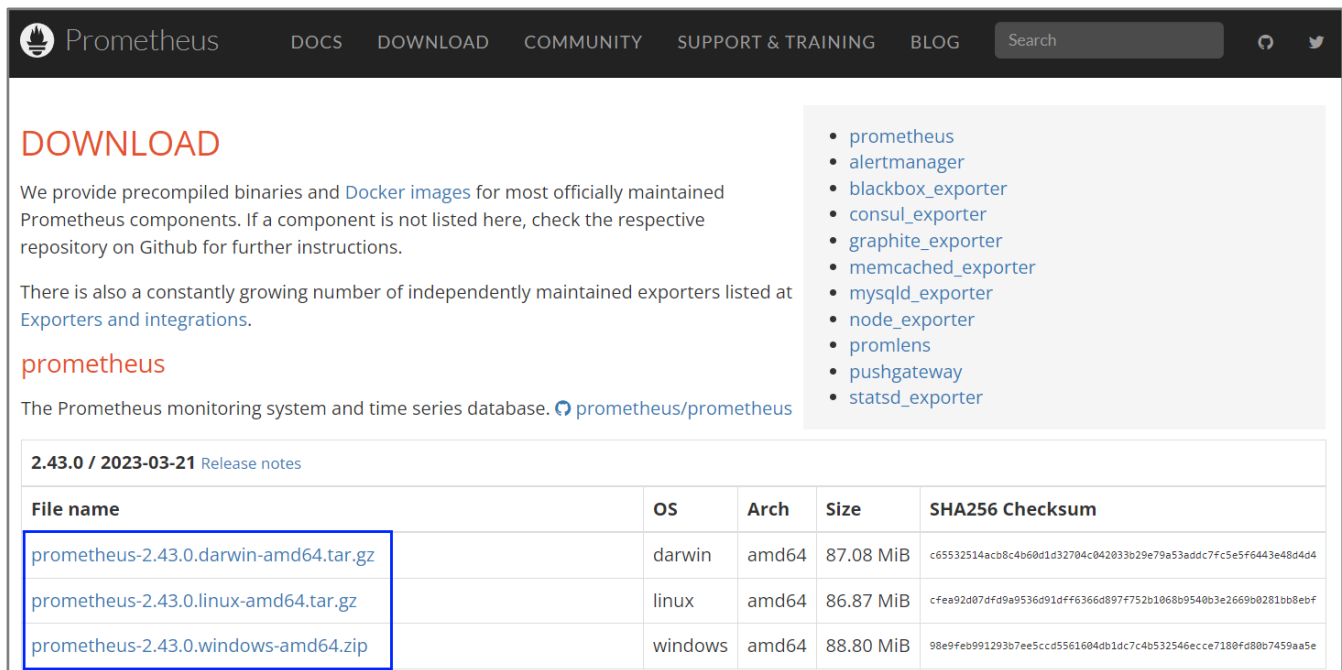


Prometheus, Alertmanager and Grafana Installation Guide

1. Install Prometheus

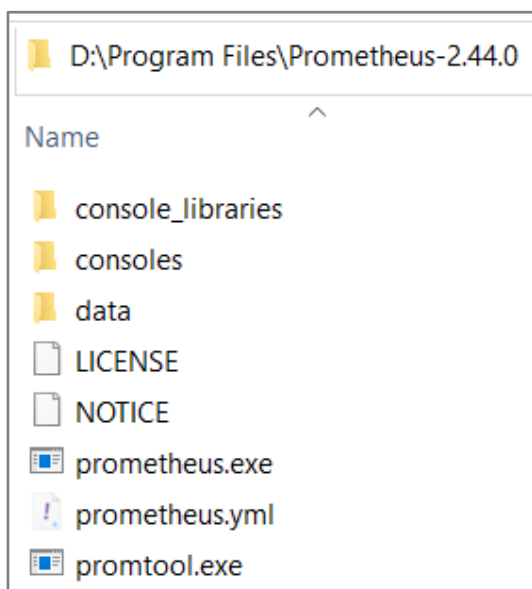
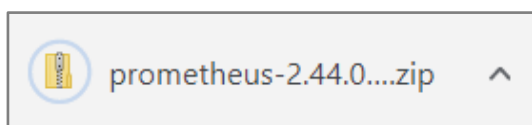
Our first task is to install Prometheus locally on our machines. To do that, you can download a pre-compiled binary from here: <https://prometheus.io/download/>

Extract the downloaded archive to a directory of your choice.



The screenshot shows the Prometheus website's 'DOWNLOAD' section. It lists various exporters and provides a table of precompiled binaries for different operating systems and architectures. The table includes columns for File name, OS, Arch, Size, and SHA256 Checksum. The first three rows are highlighted with a blue border.

File name	OS	Arch	Size	SHA256 Checksum
prometheus-2.43.0.darwin-amd64.tar.gz	darwin	amd64	87.08 MiB	c65532514acb8c4b60d1d32704c042033b29e79a53addc7fc5e5f6443e48d4d4
prometheus-2.43.0.linux-amd64.tar.gz	linux	amd64	86.87 MiB	cfea92d07dfd9a9536d91dff6366d897f752b1068b9540b3e2669b0281bb8ebf
prometheus-2.43.0.windows-amd64.zip	windows	amd64	88.80 MiB	98e9feb991293b7ee5ccd5561604db1dc7c4b532546ecce7180fd80b7459aa5e



Now, navigate to the directory of the extracted archive and open the **prometheus.yml** file in a text editor.

This YAML file is the primary configuration file for Prometheus.

You'll need to **modify it** to **define the targets** you want to be scraped or you can create and use a **new file**.

This **YAML file** has a **sample configuration** in which **Prometheus scrapes data from its own server**:

```
! prometheus.yml ●
D: > Program Files > Prometheus-2.44.0 > ! prometheus-main.yml
1  # my global config
2  global:
3      scrape_interval: 15s # Set the scrape interval to every 15 seconds.
        Default is every 1 minute.
4      evaluation_interval: 15s # Evaluate rules every 15 seconds. The
        default is every 1 minute.
5      # scrape_timeout is set to the global default (10s).
6
7  # Alertmanager configuration
8  alerting:
9      alertmanagers:
10         - static_configs:
11             - targets:
12                 # - alertmanager:9093
13
14  # Load rules once and periodically evaluate them according to the
    global 'evaluation_interval'.
15  rule_files:
16      # - "first_rules.yml"
17      # - "second_rules.yml"
18
19  # A scrape configuration containing exactly one endpoint to scrape:
20  # Here it's Prometheus itself.
21  scrape_configs:
22      # The job name is added as a label `job=<job_name>` to any
        timeseries scraped from this config.
23      - job_name: "prometheus"
24
25        # metrics_path defaults to '/metrics'
26        # scheme defaults to 'http'.
27
28        static_configs:
29            - targets: ["localhost:9090"]
```

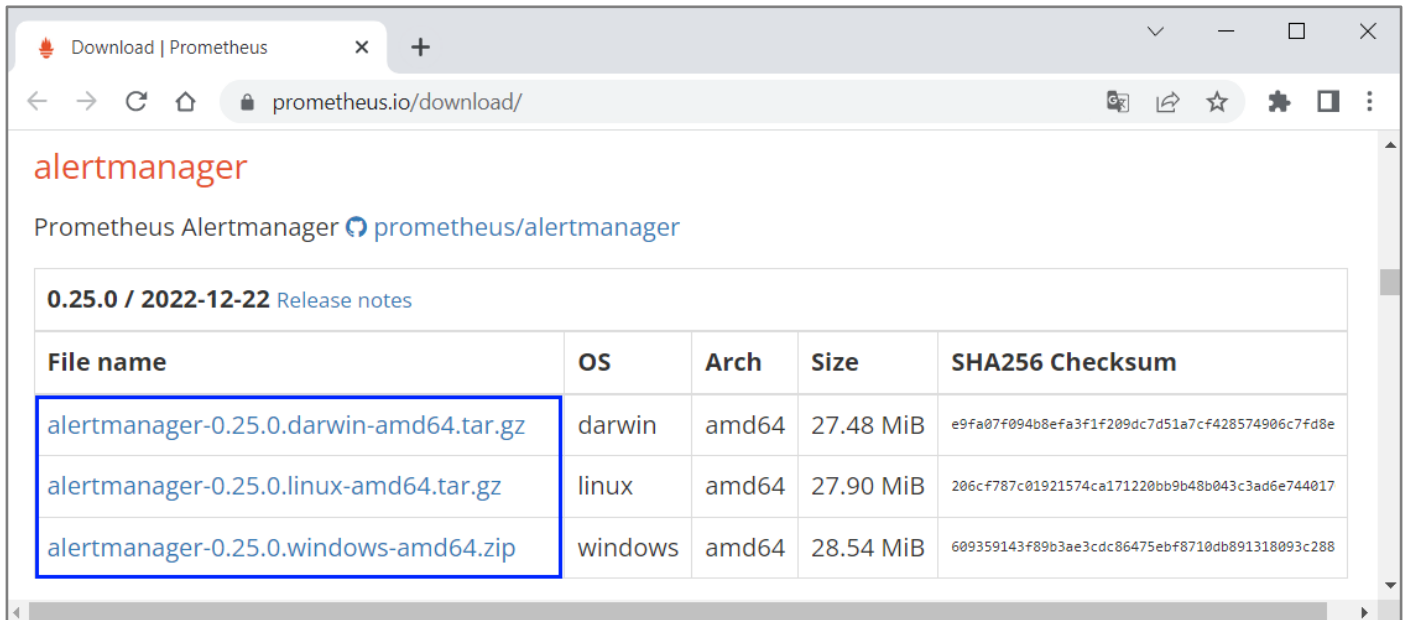
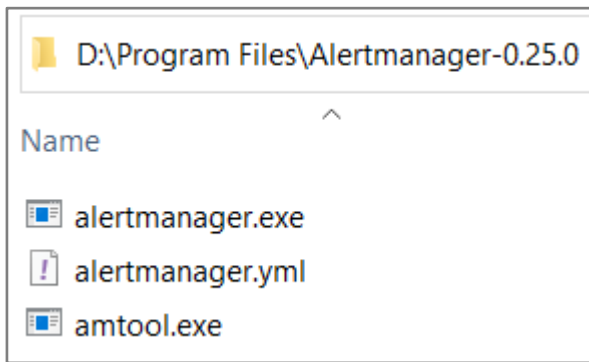
2. Install Alertmanager

Now, it's time to install Alertmanager. Its installation is pretty straight-forward.

Install Alertmanager using a **pre-compiled binary** from the same URL as Prometheus:

<https://prometheus.io/download/>. **Extract the downloaded archive** to a directory of your choice





3. Install Grafana

Let's install Grafana. In order to do so, download an installer from here:

<https://grafana.com/grafana/download?platform=windows>:

Download Grafana | Grafana Labs

grafana.com/grafana/download?edition=enterprise&platform=windows

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Download Grafana

Version: 9.5.2

Edition: Enterprise

The [Enterprise Edition](#) is the default and recommended edition. It includes all the features of the OSS Edition, can be used for free and can be upgraded to the full [Enterprise feature set](#), including support for [Enterprise plugins](#).

License: [Grafana Labs License](#)

Release Date: May 11, 2023

Release Info: [What's New In Grafana 9.5.2](#)

Linux Windows Mac Docker ARM

Windows Installer (64 Bit) SHA256: d89937cb29166dc731d36d54288e00d24f9c624d7df49c8a9a797088f7d8914d

[Download the installer](#) (grafana-enterprise-9.5.2.windows-amd64.msi) and run it.

Choose **latest version**, "**Enterprise**" edition and **your OS**.

Click on the **installer file**



Follow the setup wizard to install Grafana

