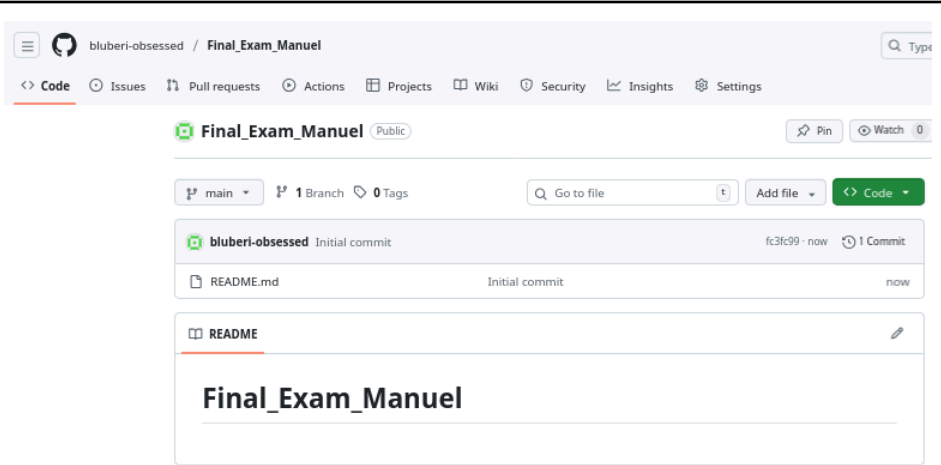


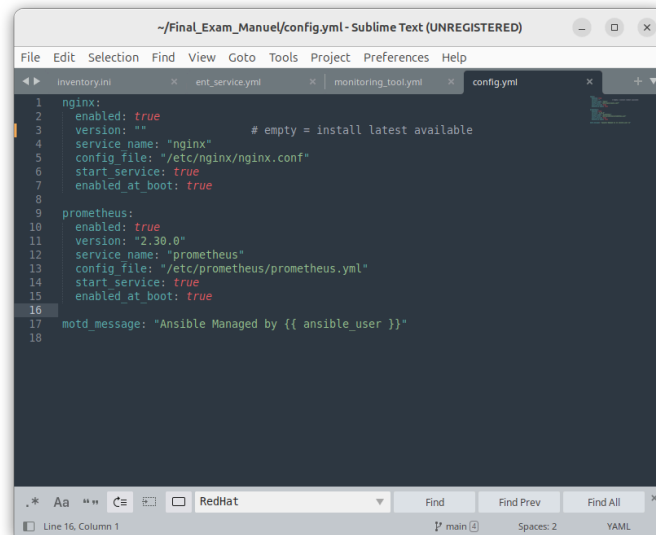
| Final Exam Hands On  |   |
|--|---|
| <b>Name: Hazel Manuel</b>  | <b>Date Performed: 11/20</b>  |
| <b>Course/Section: CPE31S4</b>   | <b>Date Submitted: 11/20</b>  |
| <b>Instructor: Engr. Valenzuela</b>  | <b>Semester and SY: 1st</b>   |
| <b>Tools Needed:</b><br><b>1. VM with Ubuntu, CentOS and Ansible installed</b><br><b>2. Web browser</b>  |   |
| <b>Procedure:</b> <ol style="list-style-type: none"> <li>1. Create a repository and label it as "Final_Exam_Surname"</li> <li>2. Clone your new repository in your VM</li> <li>3. Create an Ansible playbook that does the following with an input of a config.yaml file and structure inventory file. <ol style="list-style-type: none"> <li>a. Install and configure one enterprise service that can be installed in Debian and Centos servers</li> <li>b. Install and configure one monitoring tool that can be installed in Debian and Centos servers (if it is a stack there should be option of different host)</li> </ol> </li> <li>4. Change Motd as "Ansible Managed by &lt;username&gt;"</li> <li>5. Push and commit your files in GitHub</li> <li>6. Make sure to show evidence of input (codes) process (codes successfully running) and output (evidence of installation)</li> <li>7. For your final exam to be counted, please paste your repository link as an answer in this exam.</li> </ol> <p><i>Note: Extra points if you will implement the said services via containerization.</i></p> |   |
| OUTPUT   |   |
| <p><b>Figure 1</b><br/> <b>Creating a New Repository in Github</b></p> <p><a href="https://github.com/bluberi-obsessed/Final_Exam_Manuel.git">https://github.com/bluberi-obsessed/Final_Exam_Manuel.git</a></p>  |  <p>The screenshot shows the GitHub interface for a newly created repository named 'Final_Exam_Manuel' by the user 'bluberi-obsessed'. The repository is public. It shows the 'main' branch with 1 branch and 0 tags. There is an initial commit with the message 'Initial commit' and a file named 'README.md'. The README content is 'Final_Exam_Manuel'.</p> |

**Figure 2**  
**Cloning the**  
**Github Repository**  
**to the local VM**

```
hazel@LocalMachine:~$ git clone git@github.com:bluberi-obsessed/Final_Exam_Manuel.git
Cloning into 'Final_Exam_Manuel'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
hazel@LocalMachine:~$ ls
CPE232_Manuel  Documents      Machine        Pictures  Templates
CPE_MIDEXAM_MANUEL  Downloads     Manuel_PrelimExam  Public   Videos
Desktop        Final_Exam_Manuel  Music          snap
hazel@LocalMachine:~$
```

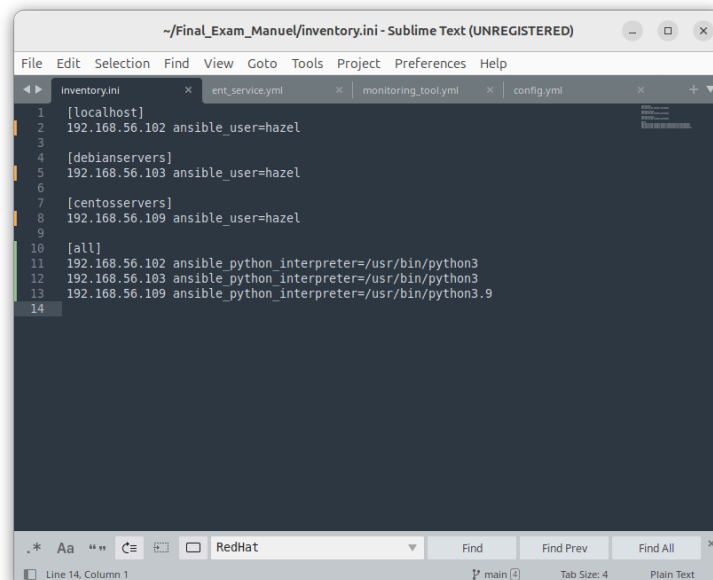
**Figure 3**  
**Creating an**  
**Ansible Playbook**

### config.yml



```
~/Final_Exam_Manuel/config.yml - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
1 nginx:
2   enabled: true
3   version: "" # empty = install latest available
4   service name: "nginx"
5   config_file: "/etc/nginx/nginx.conf"
6   start service: true
7   enabled at boot: true
8
9 prometheus:
10  enabled: true
11  version: "2.30.0"
12  service name: "prometheus"
13  config_file: "/etc/prometheus/prometheus.yml"
14  start service: true
15  enabled at boot: true
16
17 motd_message: "Ansible Managed by {{ ansible_user }}"
18
```

### inventory.ini



```
~/Final_Exam_Manuel/inventory.ini - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
1 [localhost]
2 192.168.56.102 ansible_user=hazel
3
4 [debianservers]
5 192.168.56.103 ansible_user=hazel
6
7 [centoservers]
8 192.168.56.109 ansible_user=hazel
9
10 [all]
11 192.168.56.102 ansible_python_interpreter=/usr/bin/python3
12 192.168.56.103 ansible_python_interpreter=/usr/bin/python3
13 192.168.56.109 ansible_python_interpreter=/usr/bin/python3.9
14
```

|   |  |
|---|--|
|   |    |
| <p><b>Figure 3.1</b><br/><b>Installing and</b><br/><b>Configuring one</b><br/><b>Enterprise</b><br/><b>Service. (Can be</b><br/><b>run in Ubuntu and</b><br/><b>CentOS)</b></p> | <pre>Shell # ent.service.yml - name: "Install and Configure Service (Nginx)"   hosts: all   become: yes   gather_facts: yes   vars_files:     - config.yml    tasks:     - name: "Debug: show loaded nginx var"       debug:         var: nginx      - name: "Ensure package name expression (Ubuntu)"       set_fact:         nginx_pkg_name: "{{ 'nginx=' + (nginx.version   default('')) if (nginx.version   default('')   length) &gt; 0 else 'nginx' }}"       when: ansible_facts['distribution'] == 'Ubuntu' and (nginx   default({})).get('enabled', False)      - name: "Ensure package name expression (CentOS)"       set_fact:         nginx_pkg_name: "{{ 'nginx-' + (nginx.version   default('')) if (nginx.version   default('')   length) &gt; 0 else 'nginx' }}"       when: ansible_facts['distribution'] == 'CentOS' and (nginx   default({})).get('enabled', False)      - name: "Install Nginx on Ubuntu"       apt:         name: "{{ nginx_pkg_name   default('nginx') }}"         state: present         update_cache: yes</pre> |

```

        when: ansible_facts['distribution'] == 'Ubuntu' and
(nginx | default({})).get('enabled', False)

    - name: "Install Nginx on CentOS"
      yum:
        name: "{{ nginx_pkg_name | default('nginx') }}"
        state: present
        when: ansible_facts['distribution'] == 'CentOS' and
(nginx | default({})).get('enabled', False)

    - name: "Start Nginx service"
      service:
        name: "{{ nginx.service_name | default('nginx')
}}"
        state: started
        enabled: "{{ nginx.enabled_at_boot |
default(True) }}"
        when: (nginx | default({})).get('enabled', False)
and (nginx | default({})).get('start_service', False)

```

**Figure 3.2**  
Installing and  
Configuring one  
Monitoring Tool  
(Can be run in  
Ubuntu and  
CentOS)

```

Shell
# monitoring_tool.yml
---
- name: Install and Configure Prometheus
  hosts: all
  become: yes
  vars_files:
    - config.yml

  tasks:

    - name: "Copy Prometheus tarball to host"
      copy:
        src: "/tmp/prometheus-{{ prometheus.version
}}.linux-amd64.tar.gz"
        dest: "/tmp/prometheus-{{ prometheus.version
}}.tar.gz"
        mode: "0644"
        when: prometheus.enabled

    - name: "Ensure /opt/prometheus directory exists"
      file:
        path: /opt/prometheus
        state: directory
        mode: "0755"

```

```

when: prometheus.enabled

- name: "Extract Prometheus"
  unarchive:
    src: "/tmp/prometheus-{{ prometheus.version
  }}.tar.gz"
    dest: "/opt/prometheus/"
    remote_src: yes
    creates: "/opt/prometheus/prometheus-{{
prometheus.version }}.linux-amd64/prometheus"
    when: prometheus.enabled | default(False)

- name: "Copy Prometheus binaries to /usr/local/bin"
  copy:
    src: "/opt/prometheus/prometheus-{{
prometheus.version }}.linux-amd64/{{ item }}"
    dest: "/usr/local/bin/{{ item }}"
    mode: "0755"
  loop:
    - prometheus
    - promtool
  when: prometheus.enabled

- name: "Create Prometheus directories"
  file:
    path: "{{ item }}"
    state: directory
    owner: root
    group: root
    mode: "0755"
  loop:
    - /etc/prometheus
    - /var/lib/prometheus
  when: prometheus.enabled

- name: "Copy Prometheus config and consoles"
  copy:
    src: "/opt/prometheus/prometheus-{{
prometheus.version }}.linux-amd64/{{ item }}"
    dest: "/etc/prometheus/{{ item }}"
    mode: "0644"
  loop:
    - prometheus.yml
    - consoles
    - console_libraries
  when: prometheus.enabled

- name: "Create systemd service for Prometheus"
  copy:

```

```

dest: /etc/systemd/system/prometheus.service
content: |
    [Unit]
    Description=Prometheus
    Wants=network-online.target
    After=network-online.target

    [Service]
    User=root
    ExecStart=/usr/local/bin/prometheus \
        --config.file=/etc/prometheus/prometheus.yml
    \
        --storage.tsdb.path=/var/lib/prometheus

    [Install]
    WantedBy=multi-user.target
mode: "0644"
when: prometheus.enabled

- name: "Reload systemd"
  systemd:
    daemon_reload: yes
  when: prometheus.enabled

- name: "Enable and start Prometheus service"
  systemd:
    name: prometheus
    enabled: yes
    state: started
  when: prometheus.enabled and
prometheus.start_service

```

## VERIFICATION

Pinging all of the remote servers

```

hazel@LocalMachine:~/Final_Exam_Manuel$ ansible all -m ping
192.168.56.103 | SUCCESS => {
  "changed": false,
  "ping": "pong"
}
192.168.56.102 | SUCCESS => {
  "changed": false,
  "ping": "pong"
}
192.168.56.109 | SUCCESS => {
  "changed": false,
  "ping": "pong"
}
hazel@LocalMachine:~/Final_Exam_Manuel$

```

## Enterprise Service

```
hazel@LocalMachine: ~/Final_Exam_Manuel
[ERROR]: User interrupted execution
hazel@LocalMachine:~/Final_Exam_Manuel$ ansible-playbook ent_service.yml -K
BECOME password:

PLAY [Install and Configure Service (Nginx)] *****

TASK [Gathering Facts] *****
ok: [192.168.56.102]
ok: [192.168.56.103]
ok: [192.168.56.109]

TASK [Debug: show loaded nginx var] *****
ok: [192.168.56.102] => {
  "nginx": {
    "config_file": "/etc/nginx/nginx.conf",
    "enabled": true,
    "enabled_at_boot": true,
    "service_name": "nginx",
    "start_service": true,
    "version": ""
  }
}
ok: [192.168.56.103] => {
  "nginx": {
    "config_file": "/etc/nginx/nginx.conf",
    "enabled": true,
    "enabled_at_boot": true,
    "service_name": "nginx",
    "start_service": true,
    "version": ""
  }
}
ok: [192.168.56.109] => {
  "nginx": {
    "config_file": "/etc/nginx/nginx.conf",
    "enabled": true,
    "enabled_at_boot": true,
    "service_name": "nginx",
    "start_service": true,
    "version": ""
  }
}

TASK [Ensure package name expression (Ubuntu)] *****
ok: [192.168.56.102]
ok: [192.168.56.103]
```

```
hazel@LocalMachine: ~/Final_Exam_Manuel
    enabled: true,
    "enabled_at_boot": true,
    "service_name": "nginx",
    "start_service": true,
    "version": ""
  }
}

TASK [Ensure package name expression (Ubuntu)] *****
ok: [192.168.56.102]
ok: [192.168.56.103]
skipping: [192.168.56.109]

TASK [Ensure package name expression (CentOS)] *****
skipping: [192.168.56.102]
skipping: [192.168.56.103]
ok: [192.168.56.109]

TASK [Install Nginx on Ubuntu] *****
skipping: [192.168.56.109]
ok: [192.168.56.103]
changed: [192.168.56.102]

TASK [Install Nginx on CentOS] *****
skipping: [192.168.56.102]
skipping: [192.168.56.103]
ok: [192.168.56.109]

TASK [Start Nginx service] *****
ok: [192.168.56.102]
ok: [192.168.56.103]
changed: [192.168.56.109]

PLAY RECAP *****
192.168.56.102      : ok=5    changed=1    unreachable=0    failed=0    s
kipped=2    rescued=0    ignored=0
192.168.56.103      : ok=5    changed=0    unreachable=0    failed=0    s
kipped=2    rescued=0    ignored=0
192.168.56.109      : ok=5    changed=1    unreachable=0    failed=0    s
kipped=2    rescued=0    ignored=0

hazel@LocalMachine:~/Final_Exam_Manuel$ ssh hazel@192.168.56.109
Last login: Thu Nov 20 10:36:08 2025 from 192.168.56.102
[hazel@vbox ~]$ nginx -v
nginx version: nginx/1.20.1
[hazel@vbox ~]$ exit
```



## Monitoring Tool

```
hazel@LocalMachine: ~/Final_Exam_Manuel
hazel@LocalMachine:~/Final_Exam_Manuel$ ^C
hazel@LocalMachine:~/Final_Exam_Manuel$ ansible-playbook monitoring_tool.yml -K
BECOME password:

PLAY [Install and Configure Prometheus] *****

TASK [Gathering Facts] *****
ok: [192.168.56.103]
ok: [192.168.56.102]
ok: [192.168.56.109]

TASK [Copy Prometheus tarball to host] *****
ok: [192.168.56.103]
ok: [192.168.56.109]
ok: [192.168.56.102]

TASK [Ensure /opt/prometheus directory exists] *****
ok: [192.168.56.102]
ok: [192.168.56.103]
ok: [192.168.56.109]

TASK [Extract Prometheus] *****
skipping: [192.168.56.102]
skipping: [192.168.56.103]
skipping: [192.168.56.109]

TASK [Copy Prometheus binaries to /usr/local/bin] *****
ok: [192.168.56.103] => (item=prometheus)
ok: [192.168.56.109] => (item=prometheus)
ok: [192.168.56.103] => (item=promtool)
changed: [192.168.56.109] => (item=promtool)
ok: [192.168.56.102] => (item=prometheus)
ok: [192.168.56.102] => (item=promtool)

TASK [Create Prometheus directories] *****
ok: [192.168.56.102] => (item=/etc/prometheus)
ok: [192.168.56.103] => (item=/etc/prometheus)
ok: [192.168.56.102] => (item=/var/lib/prometheus)
changed: [192.168.56.109] => (item=/etc/prometheus)
ok: [192.168.56.103] => (item=/var/lib/prometheus)
changed: [192.168.56.109] => (item=/var/lib/prometheus)
```

```

hazel@LocalMachine: ~/Final_Exam_Manuel

ok: [192.168.56.103] => (item=/etc/prometheus)
ok: [192.168.56.102] => (item=/var/lib/prometheus)
changed: [192.168.56.109] => (item=/etc/prometheus)
ok: [192.168.56.103] => (item=/var/lib/prometheus)
changed: [192.168.56.109] => (item=/var/lib/prometheus)

TASK [Copy Prometheus config and consoles] *****
ok: [192.168.56.102] => (item=prometheus.yml)
ok: [192.168.56.103] => (item=prometheus.yml)
changed: [192.168.56.109] => (item=prometheus.yml)
ok: [192.168.56.102] => (item=consoles)
ok: [192.168.56.103] => (item=consoles)
ok: [192.168.56.102] => (item=console_libraries)
ok: [192.168.56.103] => (item=console_libraries)
changed: [192.168.56.109] => (item=consoles)
changed: [192.168.56.109] => (item=console_libraries)

TASK [Create systemd service for Prometheus] *****
ok: [192.168.56.103]
ok: [192.168.56.102]
changed: [192.168.56.109]

TASK [Reload systemd] *****
ok: [192.168.56.103]
ok: [192.168.56.102]
ok: [192.168.56.109]

TASK [Enable and start Prometheus service] *****
ok: [192.168.56.102]
ok: [192.168.56.103]
changed: [192.168.56.109]

PLAY RECAP *****
192.168.56.102      : ok=9    changed=0    unreachable=0    failed=0    s
kipped=1    rescued=0    ignored=0
192.168.56.103      : ok=9    changed=0    unreachable=0    failed=0    s
kipped=1    rescued=0    ignored=0
192.168.56.109      : ok=9    changed=5    unreachable=0    failed=0    s
kipped=1    rescued=0    ignored=0

hazel@LocalMachine:~/Final_Exam_Manuel$

```

## Checking if Nginx and Prometheus is installed and started

### Nginx

```

hazel@vbox:~

ignored=0

hazel@LocalMachine:~/Final_Exam_Manuel$ nginx -v
nginx version: nginx/1.24.0 (Ubuntu)
hazel@LocalMachine:~/Final_Exam_Manuel$ sudo systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: en
   Active: active (running) since Thu 2025-11-20 02:35:50 UTC; 1h 41min ago
     Docs: man:nginx(8)
    Main PID: 22295 (nginx)
      Tasks: 2 (limit: 4602)
    Memory: 1.7M (peak: 3.7M)
       CPU: 49ms
    CGroup: /system.slice/nginx.service
            └─22295 "nginx: master process /usr/sbin/nginx -g daemon on; maste
              22298 "nginx: worker process"

Nov 20 02:35:50 LocalMachine systemd[1]: Starting nginx.service - A high perfor
Nov 20 02:35:50 LocalMachine systemd[1]: Started nginx.service - A high perfor
lines 1-14/14 (END)

```

```
hazel@Server1:~$ nginx -v
nginx version: nginx/1.24.0 (Ubuntu)
hazel@Server1:~$ sudo systemctl status nginx
[sudo] password for hazel:
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
   Active: active (running) since Thu 2025-11-20 02:26:27 UTC; 1h 57min ago
     Docs: man:nginx(8)
    Main PID: 5263 (nginx)
      Tasks: 2 (limit: 4605)
     Memory: 1.7M (peak: 3.7M)
        CPU: 68ms
    CGroup: /system.slice/nginx.service
            └─5263 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
               └─5266 "nginx: worker process"

Nov 20 02:26:27 Server1 systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Nov 20 02:26:27 Server1 systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
lines 1-14/14 (END)
```

```
[hazel@vbox ~]$ nginx -v
nginx version: nginx/1.20.1
[hazel@vbox ~]$ sudo systemctl status nginx
● nginx.service - The nginx HTTP and reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: disabled)
   Active: active (running) since Thu 2025-11-20 10:36:11 PST; 1h 46min ago
     Docs: https://nginx.org/en/docs
    Main PID: 34933 (nginx)
      Tasks: 2 (limit: 22974)
     Memory: 2.2M (peak: 2.3M)
        CPU: 58ms
    CGroup: /system.slice/nginx.service
            └─34933 "nginx: master process /usr/sbin/nginx"
               └─34934 "nginx: worker process"

Nov 20 10:36:10 vbox systemd[1]: Starting The nginx HTTP and reverse proxy server...
Nov 20 10:36:11 vbox nginx[34931]: nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
Nov 20 10:36:11 vbox nginx[34931]: nginx: configuration file /etc/nginx/nginx.conf test is successful
Nov 20 10:36:11 vbox systemd[1]: Started The nginx HTTP and reverse proxy server.
[hazel@vbox ~]$
```

## Prometheus

```
hazel@LocalMachine:~/Final_Exam_Manuel$ prometheus --version
prometheus, version 2.30.0 (branch: HEAD, revision: 37468d88dce85ac507f3fb7864c7d1c078e3e27d)
  build user: root@e913c65aa170
  build date: 20210914-09:49:24
  go version: go1.17.1
 platform: linux/amd64
hazel@LocalMachine:~/Final_Exam_Manuel$ sudo systemctl status prometheus
● prometheus.service - Prometheus
   Loaded: loaded (/etc/systemd/system/prometheus.service; enabled; preset: enabled)
   Active: active (running) since Thu 2025-11-20 03:04:07 UTC; 1h 24min ago
     Docs: https://prometheus.io/docs
    Main PID: 26984 (prometheus)
      Tasks: 7 (limit: 4602)
     Memory: 54.2M (peak: 54.4M)
        CPU: 39.069s
    CGroup: /system.slice/prometheus.service
            └─26984 /usr/bin/prometheus

Nov 20 03:04:11 LocalMachine prometheus[26984]: ts=2025-11-20T03:04:11.418Z caller=tls_config.go:313 level=info
Nov 20 03:04:11 LocalMachine prometheus[26984]: ts=2025-11-20T03:04:11.420Z caller=tls_config.go:316 level=info
Nov 20 03:04:11 LocalMachine prometheus[26984]: ts=2025-11-20T03:04:11.421Z caller=head.go:755 levels=info,trace
Nov 20 03:04:11 LocalMachine prometheus[26984]: ts=2025-11-20T03:04:11.421Z caller=head.go:792 levels=info,trace
Nov 20 03:04:11 LocalMachine prometheus[26984]: ts=2025-11-20T03:04:11.422Z caller=main.go:1025 level=info
Nov 20 03:04:11 LocalMachine prometheus[26984]: ts=2025-11-20T03:04:11.422Z caller=main.go:1028 level=info
Nov 20 03:04:11 LocalMachine prometheus[26984]: ts=2025-11-20T03:04:11.422Z caller=main.go:1209 level=info
Nov 20 03:04:11 LocalMachine prometheus[26984]: ts=2025-11-20T03:04:11.436Z caller=main.go:1246 level=info
Nov 20 03:04:11 LocalMachine prometheus[26984]: ts=2025-11-20T03:04:11.436Z caller=main.go:989 level=info
Nov 20 03:04:11 LocalMachine prometheus[26984]: ts=2025-11-20T03:04:11.437Z caller=manager.go:999 level=info
lines 1-20/20 (END)
```

```
hazel@Server1:~$ prometheus --version
prometheus, version 2.30.0 (branch: HEAD, revision: 37468d88dce85ac507f3fb7864c7d1c078e3e27d)
  build user:   root@e913c65aa170
  build date:   20210914-09:49:24
  go version:   go1.17.1
  platform:    linux/amd64
hazel@Server1:~$ sudo systemctl status prometheus
● prometheus.service - Prometheus
   Loaded: loaded (/etc/systemd/system/prometheus.service; enabled; preset: enabled)
   Active: active (running) since Thu 2025-11-20 03:03:03 UTC; 1h 22min ago
     Main PID: 10183 (prometheus)
        Tasks: 7 (limit: 4605)
      Memory: 36.7M (peak: 37.0M)
         CPU: 57.199s
        CGroup: /system.slice/prometheus.service
                └─10183 /usr/bin/prometheus

Nov 20 03:03:04 Server1 prometheus[10183]: ts=2025-11-20T03:03:04.443Z caller=tl...
Nov 20 03:03:04 Server1 prometheus[10183]: ts=2025-11-20T03:03:04.450Z caller=tl...
Nov 20 03:03:04 Server1 prometheus[10183]: ts=2025-11-20T03:03:04.452Z caller=hea...
Nov 20 03:03:04 Server1 prometheus[10183]: ts=2025-11-20T03:03:04.452Z caller=hea...
Nov 20 03:03:04 Server1 prometheus[10183]: ts=2025-11-20T03:03:04.506Z caller=mai...
Nov 20 03:03:04 Server1 prometheus[10183]: ts=2025-11-20T03:03:04.535Z caller=mai...
Nov 20 03:03:04 Server1 prometheus[10183]: ts=2025-11-20T03:03:04.535Z caller=mai...
Nov 20 03:03:04 Server1 prometheus[10183]: ts=2025-11-20T03:03:04.548Z caller=mai...
Nov 20 03:03:04 Server1 prometheus[10183]: ts=2025-11-20T03:03:04.555Z caller=mai...
Nov 20 03:03:04 Server1 prometheus[10183]: ts=2025-11-20T03:03:04.555Z caller=man...
lines 1-20/20 (END)
```

```
[hazel@vbox ~]$ prometheus --version
prometheus, version 2.30.0 (branch: HEAD, revision: 37468d88dce85ac507f3fb7864c7d1c078e3e27d)
  build user:   root@e913c65aa170
  build date:   20210914-09:49:24
  go version:   go1.17.1
  platform:    linux/amd64
[hazel@vbox ~]$ sudo systemctl status prometheus
● prometheus.service - Prometheus
   Loaded: loaded (/etc/systemd/system/prometheus.service; enabled; preset: disabled)
   Active: active (running) since Thu 2025-11-20 12:14:13 PST; 13min ago
     Main PID: 44074 (prometheus)
        Tasks: 6 (limit: 22974)
      Memory: 30.0M (peak: 30.3M)
         CPU: 861ms
        CGroup: /system.slice/prometheus.service
                └─44074 /usr/local/bin/prometheus --config.file=/etc/prometheus/prometheus.yml --storage

Nov 20 12:14:13 vbox prometheus[44074]: level=info ts=2025-11-20T04:14:13.929Z caller=hea...
Nov 20 12:14:13 vbox prometheus[44074]: level=info ts=2025-11-20T04:14:13.934Z caller=hea...
Nov 20 12:14:13 vbox prometheus[44074]: level=info ts=2025-11-20T04:14:13.934Z caller=hea...
Nov 20 12:14:13 vbox prometheus[44074]: level=info ts=2025-11-20T04:14:13.934Z caller=hea...
Nov 20 12:14:13 vbox prometheus[44074]: level=info ts=2025-11-20T04:14:13.935Z caller=hea...
Nov 20 12:14:13 vbox prometheus[44074]: level=info ts=2025-11-20T04:14:13.936Z caller=mai...
Nov 20 12:14:13 vbox prometheus[44074]: level=info ts=2025-11-20T04:14:13.939Z caller=mai...
Nov 20 12:14:13 vbox prometheus[44074]: level=info ts=2025-11-20T04:14:13.939Z caller=mai...
Nov 20 12:14:23 vbox prometheus[44074]: level=info ts=2025-11-20T04:14:23.941Z caller=mai...
Nov 20 12:14:23 vbox prometheus[44074]: level=info ts=2025-11-20T04:14:23.941Z caller=mai...
lines 1-20/20 (END)
```