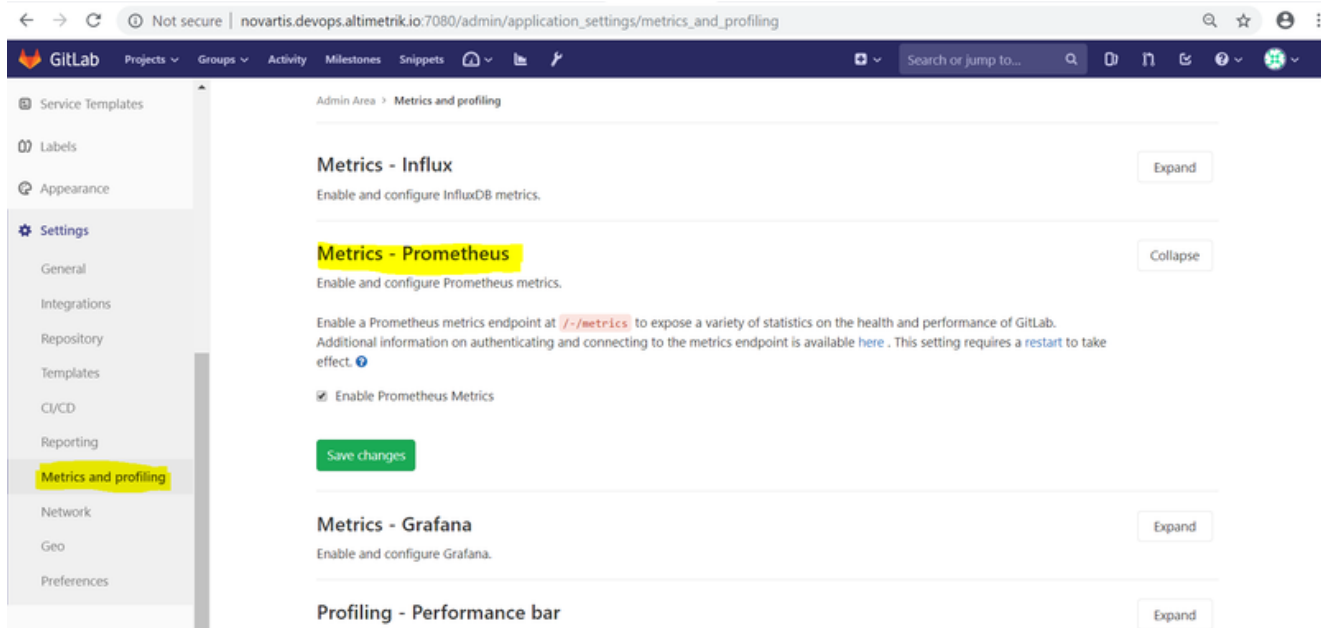


Configure Prometheus and Grafana for GitLabEE

Installation and upgrade:

1. Log into GitLab as an administrator, and go to the Admin area.
2. Navigate to GitLab's **Settings > Metrics and profiling**.
3. Find the **Metrics - Prometheus** section, and click **Enable Prometheus Metrics**.
4. **Restart GitLab** for the changes to take effect



Configuring Prometheus

1. Edit /data/gitlabee/config/gitlab.rb.

Disable the bundled Prometheus:

```
prometheus['enable'] = false
```

2. Changing the port and address Prometheus listens on

Edit /data/gitlabee/config/gitlab.rb

```
prometheus['listen_address'] = ':9090'
# or
prometheus['listen_address'] = '0.0.0.0:9090'
```

Save the file and [reconfigure GitLab](#) for the changes to take effect

3. Set each bundled service's [exporter](#) to listen on a network address, for example:

```
gitlab_monitor['listen_address'] = '0.0.0.0'
sidekiq['listen_address'] = '0.0.0.0'
gitlab_monitor['listen_port'] = '9168'
node_exporter['listen_address'] = '0.0.0.0:9100'
redis_exporter['listen_address'] = '0.0.0.0:9121'
postgres_exporter['listen_address'] = '0.0.0.0:9187'
gitaly['prometheus_listen_addr'] = "0.0.0.0:9236"
gitlab_workhorse['prometheus_listen_addr'] = "0.0.0.0:9229"
```

4. To scrape nginx metrics, you'll also need to configure nginx to allow the Prometheus server IP. For example:

```
nginx['status']['options'] = {  
    "server_tokens" => "off",  
    "access_log" => "off",  
    "allow" => "192.168.0.1",  
    "deny" => "all",  
}
```

Usage:

Add each node's exporters to the Prometheus server's ,The *prometheus.yml* settings looks like:

/data/prometheus/config/prometheus.yml

```
- job_name: gitlabee-exporter  
  honor_timestamps: true  
  scrape_interval: 15s  
  scrape_timeout: 10s  
  #metrics_path: /metrics  
  scheme: http  
  ec2_sd_configs:  
  - endpoint: ""  
    region: us-east-1  
    access_key: AKIAZXZIY4Q4M3JKI4TO  
    secret_key: <secret>  
    profile: arn:aws:iam::536285340728:user/devplatarn  
    refresh_interval: 1m  
    port: 9090  
    filters: []  
  relabel_configs:  
  - source_labels: [__meta_ec2_tag_Name]  
    separator: ;  
    regex: ^novartis-devops-bitbucket$  
    replacement: $1  
    action: keep  
  - source_labels: [__meta_ec2_public_ip]  
    separator: ;  
    regex: (.+)  
    target_label: __address__  
    replacement: novartis.devops.altimetrik.io:9090  
    action: replace
```

Reload the Prometheus server.

Installation and setup is finished. You can collect metrics. Prometheus will be available at <http://novartis.devops.altimetrik.io:9090/>

Not secure | novartis.devops.altimetrik.io:9090/targets

Prometheus alerts graph Status ▾ Help

http://10.0.0.12:9180/metrics		UP	Instance = "novartis-devops-prometheus" job = "cachiot"	6.722 seconds ago	93.59ms	
gitlabee-export (1/1 up) show logs						
Endpoint	State	labels	Last Scrape	Scrape Duration	error	
http://novartis.devops.altimetrik.io:9090/q/metrics	UP	Instance = "novartis-devops-altimetrik.io:9090" job = "gitlabee-export"	8.173s ago	218.1ms		
jenkins-export (1/1 up) show logs						
Endpoint	State	labels	Last Scrape	Scrape Duration	error	
http://novartis.devops.altimetrik.io:8084/prometheus	UP	Instance = "novartis-devops-altimetrik.io:8084" job = "jenkins-export"	6.325s ago	29.38ms		
jira-export (1/1 up) show logs						
Endpoint	State	labels	Last Scrape	Scrape Duration	error	
http://novartis.devops.altimetrik.io:8084/jira	UP	Instance = "novartis-devops-altimetrik.io:8084" job = "jira-export"	11.365s ago	10.65ms		

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All dashboards » **Gitlab-Monitor**

Gitlab-Monitor by Guillaume Torresani
DASHBOARD
Monitor Gitlab: Memory, Process-Age, Sidekiq queue/Latency, Process Count
Last updated: 3 years ago

Downloads: 1253
Reviews: 0
Add your review!

Overview Revisions Reviews

Dashboard Revisions

Revision	Description	Created	
5		February 23rd 2017, 9:17 pm	Download
4		February 23rd 2017, 8:39 pm	Download
3		February 23rd 2017, 8:28 pm	Download
2		February 23rd 2017, 7:41 pm	Download
1		February 23rd 2017, 7:00 pm	Download

Get this dashboard:
1575
Copy ID to Clipboard
Download JSON
How do I import this dashboard?

Dependencies:
GRAFANA 4.1.1

Go to Grafana interface at <http://novartis.devops.altimetrik.io:3000/dashboard/import>

image2019-11-8_12-39-30.png - v.1 [Current]

Not secure | novartis.devops.altimetrik.io:3000/dashboard/import

Import

Import dashboard from file or Grafana.com

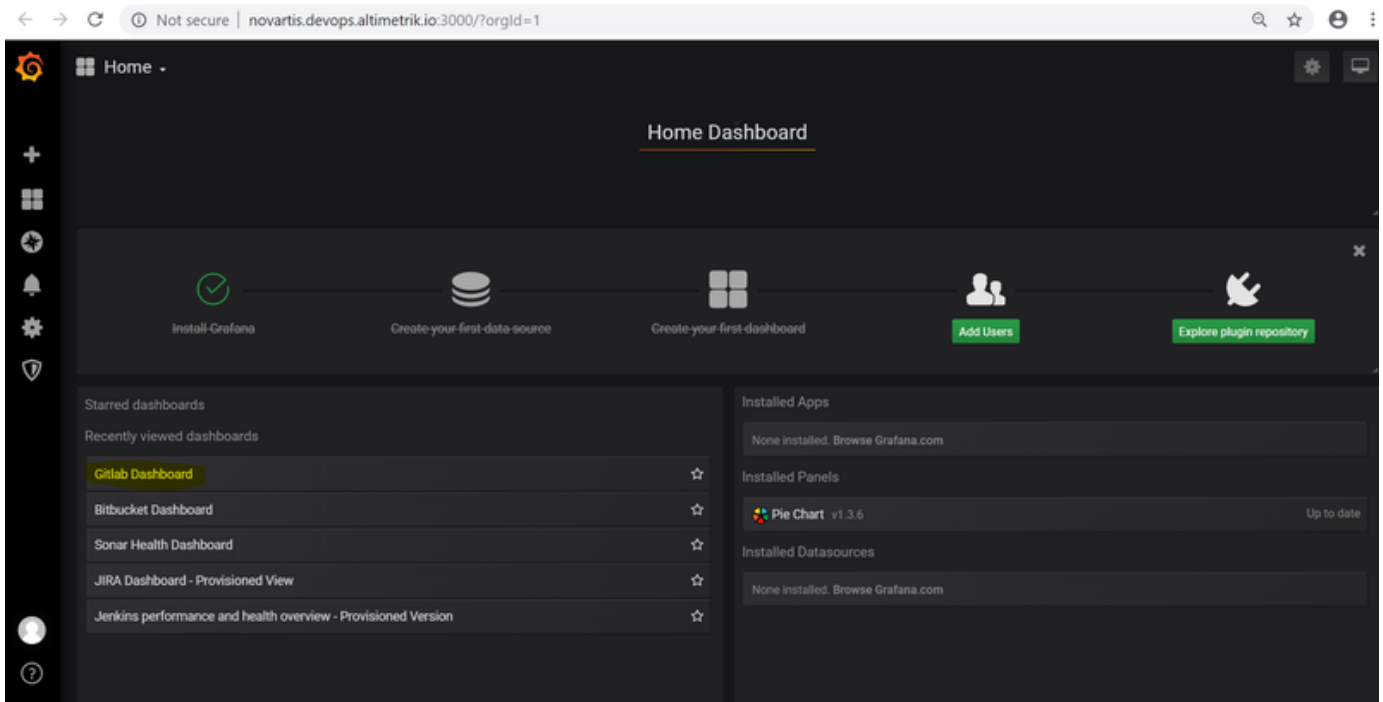
Upload json file

Grafana.com Dashboard
Paste Grafana.com dashboard url or id

Or paste JSON

Show all files

Then, you can add a new Dashboard that will get the data from the previous created Data-Source.



After a couple of minutes you will be able to view your metrics on the Dashboard. You can also add new panels to the Dashboard.

You can also build one Dashboard to tack all your Atlassian tools in one single Dashboard.

