

demo

C:\05 proyectos\docker_images\exam01\demo

View Configurations

<div>demo-grafana-1</div> <div>grafana/grafana:<none></div> <div>3000:3000</div>	<div>2025-12-11 15:23:32 grafana-1 logger=backgroundsvcs.managerAdapter t=2025-12-11T19:23:32.249461263Z level=info msg=starting module=*live.GrafanaLive</div> <div>2025-12-11 15:23:32 grafana-1 logger=backgroundsvcs.managerAdapter t=2025-12-11T19:23:32.249491987Z level=info msg=starting module=*pluginexternal.Service</div> <div>2025-12-11 15:23:32 grafana-1 logger=backgroundsvcs.managerAdapter t=2025-12-11T19:23:32.249509325Z level=info msg=starting module=*angulardetectorprovider.Dynamic</div> <div>2025-12-11 15:23:32 grafana-1 logger=backgroundsvcs.managerAdapter t=2025-12-11T19:23:32.249865883Z level=info msg=starting module=*statscollector.Service</div>
<div>demo-app-1</div> <div>app-demo:<none></div> <div>8081:8081</div>	<div>2025-12-11 15:23:32 grafana-1 logger=backgroundsvcs.managerAdapter t=2025-12-11T19:23:32.24996658Z level=info msg=starting module=*ssosettingsimpl.Service</div> <div>2025-12-11 15:23:32 grafana-1 logger=backgroundsvcs.managerAdapter t=2025-12-11T19:23:32.25000719Z level=info msg=starting module=*migrations.SecretMigrationProviderImpl</div> <div>2025-12-11 15:23:32 grafana-1 logger=backgroundsvcs.managerAdapter t=2025-12-11T19:23:32.250012719Z level=info msg=starting module=*ngalert.AlertNG</div>
<div>demo-prometheus-1</div> <div>prom/prometheus:<nc></div> <div>9090:9090</div>	<div>2025-12-11 15:23:32 grafana-1 logger=backgroundsvcs.managerAdapter t=2025-12-11T19:23:32.25006646Z level=info msg=starting module=*loginattemptimpl.Service</div> <div>2025-12-11 15:23:32 grafana-1 logger=backgroundsvcs.managerAdapter t=2025-12-11T19:23:32.250101983Z level=info msg=starting module=*pushhttp.Gateway</div> <div>2025-12-11 15:23:32 grafana-1 logger=backgroundsvcs.managerAdapter t=2025-12-11T19:23:32.250119057Z level=info msg=starting module=*rendering.RendererService</div>

Prometheus activo:

Prometheus Alerts Graph Status Help Classic UI

Runtime Information

Start time	Thu, 11 Dec 2025 16:18:22 GMT
Working directory	/prometheus
Configuration reload	Successful
Last successful configuration reload	2025-12-11T16:18:22Z
WAL corruptions	0
Goroutines	31
GOMAXPROCS	14
GOGC	
GODEBUG	
Storage retention	90d or 100GiB

Build Information

Version	2.30.0
Revision	37468d88dce85ac507f3fb7864c7d1c078e3e27d
Branch	HEAD
BuildUser	root@e913c65aa170
BuildDate	20210914-09:49:24
GoVersion	go1.17.1

Aplicación en spring con actuator

← → ↻ http://localhost:8081/actuator

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JSON Datos sin procesar Cabeceras

Guardar Copiar Contraer todo Expandir todo Filtrar JSON

```

{
  "_links": {
    "self": {
      "href": "http://localhost:8081/actuator",
      "templated": false
    },
    "health": {
      "href": "http://localhost:8081/actuator/health",
      "templated": false
    },
    "health-path": {
      "href": "http://localhost:8081/actuator/health/{*path}",
      "templated": true
    },
    "info": {
      "href": "http://localhost:8081/actuator/info",
      "templated": false
    },
    "prometheus": {
      "href": "http://localhost:8081/actuator/prometheus",
      "templated": false
    }
  }
}

```

Informacion plana obtenida de aplicaci3n

← → ↻ http://localhost:8081/actuator/prometheus

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```

# HELP application_ready_time_seconds Time taken for the application to be ready to service requests
# TYPE application_ready_time_seconds gauge
application_ready_time_seconds{main_application_class="com.example.demo.DemoApplication"} 2.787
# HELP application_started_time_seconds Time taken to start the application
# TYPE application_started_time_seconds gauge
application_started_time_seconds{main_application_class="com.example.demo.DemoApplication"} 2.78
# HELP disk_free_bytes Usable space for path
# TYPE disk_free_bytes gauge
disk_free_bytes{path="C:\\05 proyectos\\docker_images\\exam01\\demo\\.\\."} 8.0905211904E10
# HELP disk_total_bytes Total space for path
# TYPE disk_total_bytes gauge
disk_total_bytes{path="C:\\05 proyectos\\docker_images\\exam01\\demo\\.\\."} 5.08608638976E11
# HELP executor_active_threads The approximate number of threads that are actively executing tasks
# TYPE executor_active_threads gauge
executor_active_threads{name="applicationTaskExecutor"} 0.0
# HELP executor_completed_tasks_total The approximate total number of tasks that have completed execution
# TYPE executor_completed_tasks_total counter
executor_completed_tasks_total{name="applicationTaskExecutor"} 0.0
# HELP executor_pool_core_threads The core number of threads for the pool
# TYPE executor_pool_core_threads gauge
executor_pool_core_threads{name="applicationTaskExecutor"} 8.0
# HELP executor_pool_max_threads The maximum allowed number of threads in the pool
# TYPE executor_pool_max_threads gauge
executor_pool_max_threads{name="applicationTaskExecutor"} 2.147483647E9
# HELP executor_pool_size_threads The current number of threads in the pool
# TYPE executor_pool_size_threads gauge
executor_pool_size_threads{name="applicationTaskExecutor"} 0.0
# HELP executor_queue_remaining_tasks The number of additional elements that this queue can ideally accept without blocking
# TYPE executor_queue_remaining_tasks gauge
executor_queue_remaining_tasks{name="applicationTaskExecutor"} 2.147483647E9
# HELP executor_queued_tasks The approximate number of tasks that are queued for execution
# TYPE executor_queued_tasks gauge
executor_queued_tasks{name="applicationTaskExecutor"} 0.0
# HELP http_request_duration_seconds HTTP request duration
# TYPE http_request_duration_seconds histogram
http_request_duration_seconds_bucket{le="0.001"} 0
http_request_duration_seconds_bucket{le="0.001048576"} 0
http_request_duration_seconds_bucket{le="0.001398101"} 0
http_request_duration_seconds_bucket{le="0.001747626"} 0
http_request_duration_seconds_bucket{le="0.002097151"} 0
http_request_duration_seconds_bucket{le="0.002446676"} 0
http_request_duration_seconds_bucket{le="0.002796201"} 0
http_request_duration_seconds_bucket{le="0.003145726"} 0
http_request_duration_seconds_bucket{le="0.003495251"} 0
http_request_duration_seconds_bucket{le="0.003844776"} 0
http_request_duration_seconds_bucket{le="0.004194304"} 0
http_request_duration_seconds_bucket{le="0.005592405"} 0

```

Select scrape pool

Filter by target health

Filter by endpoint or labels

app-demo

1 / 1 up

Endpoint	Labels	Last scrape	State
http://app:8081/actuador/prometheus	instance="app:8081" job="app-demo"	2.686s ago 6ms	UP

localhost:9090/query?g0.expr=system_cpu_count&g0.show_tree=0&g0.tab=table&g0.range_input=1h&g0.res_type=auto&g0.res_de

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Prometheus Query Alerts Status

system_cpu_count

Execute

Table Graph Explain

Evaluation time

Load time: 7ms Result series: 1

system_cpu_count{instance="app:8081", job="app-demo"}

14

Add query

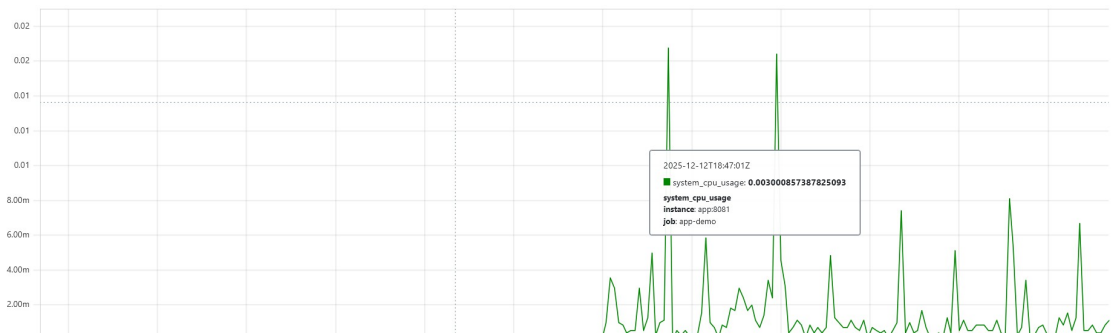
system_cpu_usage

Execute

Table Graph Explain

1h End time Medium res.

Unstacked Stacked





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```
[@timestamp: "2025-12-17T23:45:46.798402+04:00","@version": "1","message": "Starting Demoplication using Java 17.0.12 with PID 11036 (/G:\prod\acata[target]classes started by pato in G:\prod\acata, \"logger_name\": \"org.example.demo.Demoplication\", \"thread_name\": \"main\", \"level\": \"INFO\", \"level_value\": 10000)"}
[[@timestamp: "2025-12-17T23:45:47.427107+04:00","@version": "1","message": "Tomcat initialized with port 8080 (http) \\n logger_name= \"org.springframework.boot.web.embedded.tomcat.TomcatService\" , thread_name= \"main\", level= \"INFO\", level_value= 10000}"]
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[[@timestamp: "2025-12-17T23:45:49.620358+04:00","@version": "1","message": "Tomcat started on port 8080 (http) with context path \"/\", \"logger_name= \"org.springframework.boot.web.embedded.tomcat.TomcatService\", \"thread_name= \"main\", level\": \"INFO\", level_value= 10000}"]
[[@timestamp: "2025-12-17T23:45:49.620358+04:00","@version": "1","message": "Starting Demoplication in 3.871 seconds (process running for 5.012 s), \"logger_name= \"org.example.demoplication.Demoplication\", \"thread_name= \"main\", level\": \"INFO\", level_value= 10000}"]
[[@timestamp: "2025-12-17T23:45:49.620358+04:00","@version": "1","message": "Initializing Spring DispatcherServlet 'dispatcherServlet', \"logger_name= \"org.apache.catalina.core.ContainerBase.[Tomcat].[localhost].[/]\", \"thread_name= \"RM\", level\": \"INFO\", level_value= 10000}"]
[[@timestamp: "2025-12-17T23:45:49.620358+04:00","@version": "1","message": "Initializing Servlet 'dispatcherServlet', \"logger_name= \"org.springframework.web.servlet.DispatcherServlet\", \"thread_name= \"RM [RM TCP Connection3]-172.18.41.1\", level\": \"INFO\", level_value= 10000}"]
[[@timestamp: "2025-12-17T23:45:49.620358+04:00","@version": "1","message": "Commencing graceful shutdown. Waiting for active requests to complete, \"logger_name= \"org.springframework.boot.web.embedded.tomcat.GracefulShutdown\", \"thread_name= \"tomcat-shutdown\", level\": \"INFO\", level_value= 10000}"]
[[@timestamp: "2025-12-17T23:45:49.620358+04:00","@version": "1","message": "Graceful shutdown complete, \"logger_name= \"org.springframework.boot.web.embedded.tomcat.GracefulShutdown\", \"thread_name= \"tomcat-shutdown\", level\": \"INFO\", level_value= 10000}"]
[[@timestamp: "2025-12-17T23:45:49.620358+04:00","@version": "1","message": "Graceful shutdown complete, \"logger_name= \"org.springframework.boot.web.embedded.tomcat.GracefulShutdown\", \"thread_name= \"tomcat-shutdown\", level\": \"INFO\", level_value= 10000}"]
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```