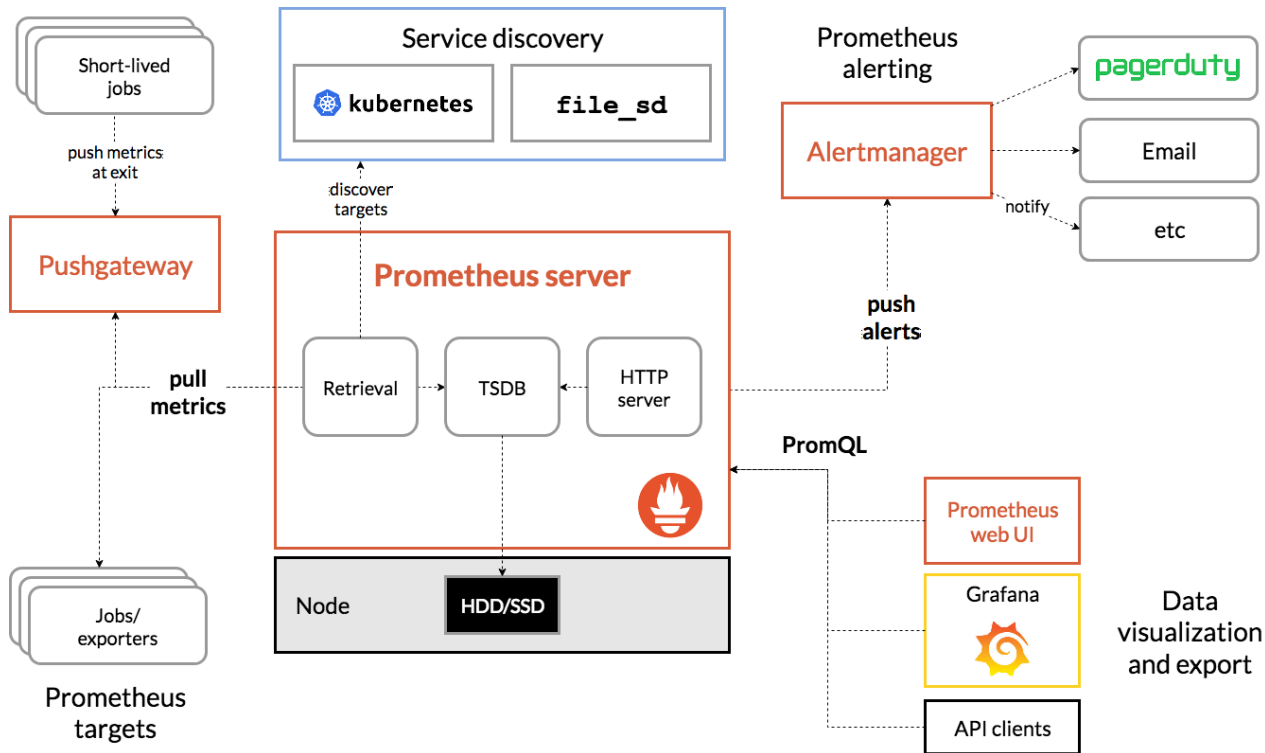


02.prometheus部署



一、自建prometheus镜像

```
go get github.com/prometheus/prometheus
cd go/src/github.com/prometheus/prometheus

wget https://github.com/prometheus/prometheus/releases/download/v2.11.1/prometheus-2.11.1.linux-amd64.tar.gz
tar xf prometheus-2.11.1.linux-amd64.tar.gz

mkdir -pv .build/linux-amd64
cp prometheus-2.11.1.linux-amd64/prometheus .build/linux-amd64/
cp prometheus-2.11.1.linux-amd64/promtool .build/linux-amd64/

docker build -t prometheus:v1.0 .
```

```

1 root@it5-prometheus-mo...
(base) [root@it5-prometheus-monitor ~]# ls
anaconda3  anaconda-ks.cfg  create_key.yml  fy  original-ks.cfg
(base) [root@it5-prometheus-monitor ~]# go get github.com/prometheus/prometheus ← 01.使用go get 获取prometheus的github库文件
package github.com/prometheus/prometheus: no Go files in /root/go/src/github.com/prometheus/prometheus
(base) [root@it5-prometheus-monitor ~]# cd go/src/github.com/prometheus/prometheus ← 02.进入github 文件目录
(base) [root@it5-prometheus-monitor prometheus]# pwd
/root/go/src/github.com/prometheus/prometheus
(base) [root@it5-prometheus-monitor prometheus]# ls
CHANGELOG.md  config  CONTRIBUTING.md  docs  go.sum  Makefile  notifier  promql  rules  storage  vendor
cmd  code-of-conduct.md  console  libraries  discovery  documentation  go.mod  LICENSE  Makefile.common  pkg  prompb  README.md  scrape  template  util  VERSION  web
(base) [root@it5-prometheus-monitor prometheus]#

1 root@it5-prometheus-mo...
(base) [root@it5-prometheus-monitor prometheus]# wget https://github.com/prometheus/prometheus/releases/download/v2.11.1/prometheus-2.11.1.linux-amd64.tar.gz
--2019-08-05 20:09:36-- https://github.com/prometheus/prometheus/releases/download/v2.11.1/prometheus-2.11.1.linux-amd64.tar.gz
Resolving github.com (github.com)... 52.74.223.119
Connecting to github.com (github.com)[52.74.223.119]:443... connected.
HTTP request sent, awaiting response... 302 Found
Location: https://github-production-release-asset-2e65be.s3.amazonaws.com/6838921/01319200-a339-11e9-8410-b3f70fc7cff0?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAXACSVEH53A%2F20190805%2Fus-east-1%2F53%2Faws4_request&X-Amz-Date=20190805T120937Z&X-Amz-Expires=300&X-Amz-Signature=0682fb8a3dda7eab2666a676a8b78a02cd8326f2df60453dd33eaa3c8af29e9a6x-Amz-SignedHeaders=host&actor_id=0&response-content-disposition=attachment%3B%20filename%3Dprometheus-2.11.1.linux-amd64.tar.gz&response-content-type=application%2Foctet-stream [following]
--2019-08-05 20:09:37-- https://github-production-release-asset-2e65be.s3.amazonaws.com/6838921/01319200-a339-11e9-8410-b3f70fc7cff0?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWNJYAXACSVEH53A%2F20190805%2Fus-east-1%2F53%2Faws4_request&X-Amz-Date=20190805T120937Z&X-Amz-Expires=300&X-Amz-Signature=0682fb8a3dda7eab2666a676a8b78a02cd8326f2df60453dd33eaa3c8af29e9a6x-Amz-SignedHeaders=host&actor_id=0&response-content-disposition=attachment%3B%20filename%3Dprometheus-2.11.1.linux-amd64.tar.gz&response-content-type=application%2Foctet-stream
Resolving github-production-release-asset-2e65be.s3.amazonaws.com (github-production-release-asset-2e65be.s3.amazonaws.com)... 52.216.102.75
Connecting to github-production-release-asset-2e65be.s3.amazonaws.com (github-production-release-asset-2e65be.s3.amazonaws.com)[52.216.102.75]:443... connect
ed.
HTTP request sent, awaiting response... 200 OK
Length: 49425027 (47M) [application/octet-stream]
Saving to: 'prometheus-2.11.1.linux-amd64.tar.gz'

100%[=====] 49,425,027 6.67MB/s in 8.6s

2019-08-05 20:09:46 (5.49 MB/s) - 'prometheus-2.11.1.linux-amd64.tar.gz' saved [49425027/49425027]

(base) [root@it5-prometheus-monitor prometheus]# tar xf prometheus-2.11.1.linux-amd64.tar.gz ← 02.解压prometheus二进制包
(base) [root@it5-prometheus-monitor prometheus]# mkdir -pv .build/linux-amd64 ← 03.新建目录
mkdir: created directory '.build'
mkdir: created directory '.build/linux-amd64'
(base) [root@it5-prometheus-monitor prometheus]# cp prometheus-2.11.1.linux-amd64/prometheus .build/linux-amd64/ ← 04.拷贝prometheus二进制命令工具到新建目录中
(base) [root@it5-prometheus-monitor prometheus]# cp prometheus-2.11.1.linux-amd64/promtool .build/linux-amd64/
(base) [root@it5-prometheus-monitor prometheus]#

1 root@it5-prometheus-mo...
(base) [root@it5-prometheus-monitor prometheus]# cp prometheus-2.11.1.linux-amd64/promtool .build/linux-amd64/
(base) [root@it5-prometheus-monitor prometheus]#
(base) [root@it5-prometheus-monitor prometheus]# docker build -t prometheus:v1.0 .
Sending build context to Docker daemon 438.9MB
Step 1/19 : ARG ARCH="amd64"
Step 2/19 : ARG OS="linux"
01.使用Prometheus官方get 下来的Dockerfile文件进行build镜像
如果无报错则说明成功安装完毕

```

```

Step 3/19 : FROM quay.io/prometheus/busybox-${OS}-${ARCH}:latest
latest: Pulling from prometheus/busybox-linux-amd64
8e674ad76dce: Pull complete
e77d2419d1c2: Pull complete
Digest: sha256:28080a572b4140a985c6298edb40c2056408bd9286efa6604d512f1817707883
Status: Downloaded newer image for quay.io/prometheus/busybox-linux-amd64:latest
--> a130381627cc
Step 4/19 : LABEL maintainer="The Prometheus Authors <prometheus-developers@googlegroups.com>"
--> Running in 3c0afb5600d3
Removing intermediate container 3c0afb5600d3
--> 02ac11e8a87a
Step 18/19 : ENTRYPOINT [ "/bin/prometheus" ]
--> Running in clbce5262779
Removing intermediate container clbce5262779
--> 9112c52cf3e
Step 19/19 : CMD [ "--config.file=/etc/prometheus/prometheus.yml", "--storage.tsdb.path=/prometheus", "--web.console.librari
es=/usr/share/prometheus/console_libraries", "--web.console.templates=/usr/share/prometheus/consoles" ]
--> Running in 89f0970935d5
Removing intermediate container 89f0970935d5
--> bef16a5ff1e4
Successfully built bef16a5ff1e4
Successfully tagged prometheus:v1.0
(base) [root@it5-prometheus-monitor prometheus]# docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
prometheus           v1.0               bef16a5ff1e4       About a minute ago 126MB
quay.io/prometheus/busybox-linux-amd64 latest             a130381627cc       3 weeks ago        2.68MB
(base) [root@it5-prometheus-monitor prometheus]#

```

如果有需要修改的地方可以自行修改

01.docker镜像build命令执行完成

02.查看新产生的镜像文件信息

03.产生一个prometheus v1.0版本的新镜像

二、宿主机上创建volume挂载的相关目录

```

mkdir -pv /data/prometheus/{data,config,rules,discovery}
chmod -R 0777 /data

```

```
窗口(W) 帮助(H)
x 1root@it5-prometheus-mon... +
(base) [root@it5-prometheus-monitor prometheus]# mkdir -pv /data/prometheus/{data,config,rules,discovery}
mkdir: created directory '/data/prometheus'
mkdir: created directory '/data/prometheus/data'
mkdir: created directory '/data/prometheus/config'
mkdir: created directory '/data/prometheus/rules'
mkdir: created directory '/data/prometheus/discovery'
(base) [root@it5-prometheus-monitor prometheus]# chmod -R 0777 /data
(base) [root@it5-prometheus-monitor prometheus]# ll /
total 20
lrwxrwxrwx. 1 root root 7 Jan 29 2019 bin -> usr/bin
dr-xr-xr-x. 5 root root 4096 Jul 23 05:25 boot
drwxrwxrwx. 9 root root 102 Aug 5 20:15 data
drwxr-xr-x. 18 root root 2760 Aug 5 20:05 dev
drwxr-xr-x. 84 root root 8192 Aug 5 20:04 etc
drwxr-xr-x. 4 root root 37 Jun 18 15:10 home
lrwxrwxrwx. 1 root root 7 Jan 29 2019 lib -> usr/lib
lrwxrwxrwx. 1 root root 9 Jan 29 2019 lib64 -> usr/lib64
drwxr-xr-x. 2 root root 6 Apr 11 2018 media
drwxr-xr-x. 2 root root 6 Apr 11 2018 mnt
drwxr-xr-x. 4 root root 42 Aug 3 17:05 opt
dr-xr-xr-x. 118 root root 0 Aug 5 20:05 proc
dr-xr-xr-x. 11 root root 4096 Aug 5 20:07 root
drwxr-xr-x. 28 root root 900 Aug 5 20:06 run
lrwxrwxrwx. 1 root root 8 Jan 29 2019 sbin -> usr/sbin
drwxr-xr-x. 2 root root 6 Apr 11 2018 srv
dr-xr-xr-x. 13 root root 0 Aug 5 20:05 sys
drwxrwxrwt. 8 root root 195 Aug 5 20:07 tmp
drwxr-xr-x. 13 root root 155 Jan 29 2019 usr
drwxr-xr-x. 19 root root 267 Jun 18 14:06 var
(base) [root@it5-prometheus-monitor prometheus]#
```

01.新建需要挂载的目录

02.授权新建的目录为'777'

三、启动prometheus容器

1.挂载rules的启动方式

```
docker run -d --net=host -v /data/prometheus/rules/rules.yml:/etc/prometheus/rules/rules.yml -v /data/prometheus/config/prometheus.yml:/etc/prometheus/prometheus.yml -v /data/prometheus/data:/prometheus -v /data/prometheus/discovery:/etc/prometheus/discovery --name prometheus-banna prometheus:v1.0
```

```
(base) [root@it5-prometheus-monitor prometheus]#
(base) [root@it5-prometheus-monitor prometheus]# docker run -d --net=host -v /data/prometheus/rules/rules.yml:/etc/prometheus/rules/rules.yml -v /data/prometheus/config/prometheus.yml:/etc/prometheus/prometheus.yml -v /data/prometheus/data:/prometheus -v /data/prometheus/discovery:/etc/prometheus/discovery --name prometheus-banna prometheus:v1.0
647d4a538b806ca0f551f5a5f3d4827442dda8034fc48c4087fa6031b481a0a7
(base) [root@it5-prometheus-monitor prometheus]# docker ps -a
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS              NAMES
647d4a538b80        prometheus:v1.0    "/bin/prometheus --c..."   4 seconds ago       Up 3 seconds                0.0.0.0:9090->0.0.0.0:9090    prometheus-banna
(base) [root@it5-prometheus-monitor prometheus]# netstat -nptl
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program name
tcp        0      0 0.0.0.0:0.111          0.0.0.0:*               LISTEN      1/systemd
tcp        0      0 0.0.0.0:0.22           0.0.0.0:*               LISTEN      4066/sshd
tcp        0      0 0.0.0.0:0.1.25         0.0.0.0:*               LISTEN      4047/master
tcp6       0      0 :::3306                 :::*                     LISTEN      4328/mysqld
tcp6       0      0 :::111                  :::*                     LISTEN      1/systemd
tcp6       0      0 :::22                   :::*                     LISTEN      4066/sshd
tcp6       0      0 :::1.25                 :::*                     LISTEN      4047/master
tcp6       0      0 :::9090                 :::*                     LISTEN      5398/prometheus
(base) [root@it5-prometheus-monitor prometheus]# docker logs -f 647d4a538b80
level=info ts=2019-08-05T12:23:36.251Z caller=main.go:293 msg="no time or size retention was set so using the default time retention" duration=15d
level=info ts=2019-08-05T12:23:36.251Z caller=main.go:329 msg="Starting Prometheus" version="(version=2.11.1, branch=HEAD, revision=e5b22494857deca4b806f74f6e3a6ee38c251763)"
level=info ts=2019-08-05T12:23:36.251Z caller=main.go:330 build_context="(go=go1.12.7, user=root@494406f2bb6f, date=20190710-13:51:17)"
level=info ts=2019-08-05T12:23:36.251Z caller=main.go:331 host_details="(Linux 3.10.0-957.1.3.el7.x86_64 #1 SMP Thu Nov 29 14:49:43 UTC 2018 x86_64 it5-prometheus-monitor (none))"
level=info ts=2019-08-05T12:23:36.251Z caller=main.go:332 fd_limits="(soft=1048576, hard=1048576)"
level=info ts=2019-08-05T12:23:36.251Z caller=main.go:333 vm_limits="(soft=unlimited, hard=unlimited)"
level=info ts=2019-08-05T12:23:36.253Z caller=main.go:652 msg="Starting TSDB ..."
level=info ts=2019-08-05T12:23:36.253Z caller=web.go:448 component=web msg="Start listening for connections" address=0.0.0.0:9090
level=info ts=2019-08-05T12:23:36.261Z caller=main.go:667 fs_type=XFS_SUPER_MAGIC
level=info ts=2019-08-05T12:23:36.261Z caller=main.go:668 msg="TSDB started"
level=info ts=2019-08-05T12:23:36.261Z caller=main.go:738 msg="Loading configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:23:36.264Z caller=main.go:766 msg="Completed loading of configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:23:36.264Z caller=main.go:621 msg="Server is ready to receive web requests."
level=error ts=2019-08-05T12:23:51.253Z caller=notifier.go:528 component=notifier alertmanager=http://10.5.11.59:9093/api/v1/alerts count=0 msg="Error sending alert" err="Post http://10.5.11.59:9093/api/v1/alerts: context deadline exceeded"
```

2.不带rules的启动方式

```
docker run --name prometheus-banna -p 9090:9090 -d -v /data/prometheus/data:/prometheus -v /data/prometheus/config/prometheus.yml:/etc/prometheus/prometheus.yml prometheus:v1.0
```

3.在线热加载配置

```
curl -X POST "http://localhost:9090/-/reload"
```



```

1 root@it5-prometheus-mo... 2 root@it5-prometheus-monit...
(base) [root@it5-prometheus-monitor prometheus]# curl -X POST "http://localhost:9090/-/reload"
(base) [root@it5-prometheus-monitor prometheus]# curl -X POST "http://localhost:9090/-/reload"
(base) [root@it5-prometheus-monitor prometheus]# curl -X POST "http://localhost:9090/-/reload"
(base) [root@it5-prometheus-monitor prometheus]# curl -X POST "http://localhost:9090/-/reload"
(base) [root@it5-prometheus-monitor prometheus]# curl -X POST "http://localhost:9090/-/reload"
(base) [root@it5-prometheus-monitor prometheus]# curl -X POST "http://localhost:9090/-/reload"
(base) [root@it5-prometheus-monitor prometheus]# curl -X POST "http://localhost:9090/-/reload"
(base) [root@it5-prometheus-monitor prometheus]# curl -X POST "http://localhost:9090/-/reload"
(base) [root@it5-prometheus-monitor prometheus]# docker logs --tail 100 -f 588b1a3e8b65
Error: No such container: 588b1a3e8b65
(base) [root@it5-prometheus-monitor prometheus]# docker ps -a

CONTAINER ID        IMAGE               COMMAND                  CREATED            STATUS              PORTS              NAMES
7e93c5c0103f        prometheus:v1.0    "/bin/prometheus --c..." 27 seconds ago    Up 26 seconds      9090/tcp            prometheus-banna

(base) [root@it5-prometheus-monitor prometheus]# docker logs --tail 100 -f 7e93c5c0103f
level=warn ts=2019-08-05T12:32:50.115Z caller=main.go:282 deprecation_notice="['storage.tsdb.retention' flag is deprecated use 'storage.tsdb.retention.time' i
nstead."
level=info ts=2019-08-05T12:32:50.116Z caller=main.go:329 msg="Starting Prometheus" version="(version=2.11.1, branch=HEAD, revision=e5b22494857deca4b886f74f6
e3a06ee30c251763)"
level=info ts=2019-08-05T12:32:50.116Z caller=main.go:330 build_context="(go=go1.12.7, user=root@94406f2bb6f, date=20190710-13:51:17)"
level=info ts=2019-08-05T12:32:50.116Z caller=main.go:331 host_details="(Linux 3.10.0-957.1.3.el7.x86_64 #1 SMP Thu Nov 29 14:49:43 UTC 2018 x86_64 it5-pr
ometheus-monitor (none))"
level=info ts=2019-08-05T12:32:50.116Z caller=main.go:332 fd_limits="(soft=1048576, hard=1048576)"
level=info ts=2019-08-05T12:32:50.116Z caller=main.go:333 vm_limits="(soft=unlimited, hard=unlimited)"
level=info ts=2019-08-05T12:32:50.117Z caller=main.go:652 msg="Starting TSDB ..."
level=info ts=2019-08-05T12:32:50.117Z caller=web.go:448 component=web msg="Start listening for connections" address=0.0.0.0:9090
level=info ts=2019-08-05T12:32:50.127Z caller=main.go:667 fs_type=XFS_SUPER_MAGIC
level=info ts=2019-08-05T12:32:50.127Z caller=main.go:668 msg="TSDB started"
level=info ts=2019-08-05T12:32:50.127Z caller=main.go:738 msg="Loading configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:32:50.131Z caller=main.go:766 msg="Completed loading of configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:32:50.131Z caller=main.go:621 msg="Server is ready to receive web requests."
level=info ts=2019-08-05T12:33:02.365Z caller=main.go:738 msg="Loading configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:33:02.368Z caller=main.go:766 msg="Completed loading of configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:33:03.286Z caller=main.go:738 msg="Loading configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:33:03.289Z caller=main.go:766 msg="Completed loading of configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:33:03.582Z caller=main.go:738 msg="Loading configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:33:03.584Z caller=main.go:766 msg="Completed loading of configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:33:03.798Z caller=main.go:738 msg="Loading configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:33:03.804Z caller=main.go:766 msg="Completed loading of configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:33:04.021Z caller=main.go:738 msg="Loading configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:33:04.023Z caller=main.go:766 msg="Completed loading of configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:33:04.245Z caller=main.go:738 msg="Loading configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:33:04.247Z caller=main.go:766 msg="Completed loading of configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:33:04.461Z caller=main.go:738 msg="Loading configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:33:04.464Z caller=main.go:766 msg="Completed loading of configuration file" filename=/etc/prometheus/prometheus.yml
level=error ts=2019-08-05T12:33:05.118Z caller=notifier.go:528 component=notifier alertmanager=http://10.5.11.59:9093/api/v1/alerts count=0 msg="Error sendin
g alert" err="Post http://10.5.11.59:9093/api/v1/alerts: context deadline exceeded"
level=info ts=2019-08-05T12:33:05.405Z caller=main.go:738 msg="Loading configuration file" filename=/etc/prometheus/prometheus.yml
level=info ts=2019-08-05T12:33:05.408Z caller=main.go:766 msg="Completed loading of configuration file" filename=/etc/prometheus/prometheus.yml
level=error ts=2019-08-05T12:33:20.118Z caller=notifier.go:528 component=notifier alertmanager=http://10.5.11.59:9093/api/v1/alerts count=0 msg="Error sendin
g alert" err="Post http://10.5.11.59:9093/api/v1/alerts: context deadline exceeded"

```

01.在线热加载配置

02.在线查看日志信息

01.查看日志

02.下线Loading配置

四、WEB界面访问

http://IP:9090

#prometheus默认监听端口为9090

Prometheus Time Series Co...Prometheus Time Series Co...Node Exporter监控展示 - G...Node Exporter 0.16 + for i...

52.221.209.52:9090/graph?g0.range_input=1h&g0.expr=node_cpu_seconds_total&g0.tab=1

火狐官方网站移动端书签

PrometheusAlertsGraphStatusHelp

Enable query history

node_cpu_seconds_total

Execute- insert metric at cursor -

GraphConsole

◀Moment▶

Element	Value
node_cpu_seconds_total{cpu="0",instance="10.20.0.115:9100",job="nodes-exporter",mode="idle"}	644715.79
node_cpu_seconds_total{cpu="0",instance="10.20.0.115:9100",job="nodes-exporter",mode="iowait"}	4.82
node_cpu_seconds_total{cpu="0",instance="10.20.0.115:9100",job="nodes-exporter",mode="irq"}	0
node_cpu_seconds_total{cpu="0",instance="10.20.0.115:9100",job="nodes-exporter",mode="nice"}	10.27
node_cpu_seconds_total{cpu="0",instance="10.20.0.115:9100",job="nodes-exporter",mode="softirq"}	0.42
node_cpu_seconds_total{cpu="0",instance="10.20.0.115:9100",job="nodes-exporter",mode="steal"}	2.06
node_cpu_seconds_total{cpu="0",instance="10.20.0.115:9100",job="nodes-exporter",mode="system"}	996.99
node_cpu_seconds_total{cpu="0",instance="10.20.0.115:9100",job="nodes-exporter",mode="user"}	978.75
node_cpu_seconds_total{cpu="0",instance="10.20.0.201:9100",job="nodes-exporter",mode="idle"}	644643.61
node_cpu_seconds_total{cpu="0",instance="10.20.0.201:9100",job="nodes-exporter",mode="iowait"}	5.23
node_cpu_seconds_total{cpu="0",instance="10.20.0.201:9100",job="nodes-exporter",mode="irq"}	0
node_cpu_seconds_total{cpu="0",instance="10.20.0.201:9100",job="nodes-exporter",mode="nice"}	3.76

Load time: 277ms
Resolution: 14s
Total time series: 2384

Prometheus Time Series Co...Prometheus Time Series Co...Node Exporter监控展示 - G...Node Exporter 0.16 + for i...

52.221.209.52:9090/targets

火狐官方网站移动端书签

PrometheusAlertsGraphStatusHelp

Targets

AllUnhealthy

docker-service (1/1 up)show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://10.5.11.59:8080/metrics	UP	instance="10.5.11.59:8080"job="docker-service"	6.577s ago	55.64ms	

nodes-exporter (134/134 up)show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://10.20.0.115:9100/metrics	UP	instance="10.20.0.115:9100"job="nodes-exporter"	10.187s ago	41.43ms	
http://10.20.0.201:9100/metrics	UP	instance="10.20.0.201:9100"job="nodes-exporter"	5.329s ago	31.62ms	
http://10.20.0.209:9100/metrics	UP	instance="10.20.0.209:9100"job="nodes-exporter"	12.264s ago	40.72ms	

192.168.2.99/docs/prometeheus/prometeheus-1bdq5dc9i5k1

11/12

http://10.20.0.24:9100/metrics	UP	instance="10.20.0.24:9100"	job="nodes-exporter"	9.756s ago	40.99ms	
http://10.20.0.46:9100/metrics	UP	instance="10.20.0.46:9100"	job="nodes-exporter"	1.233s ago	41.02ms	
http://10.20.0.51:9100/metrics	UP	instance="10.20.0.51:9100"	job="nodes-exporter"	10.889s ago	41.87ms	
http://10.20.1.110:9100/metrics	UP	instance="10.20.1.110:9100"	job="nodes-exporter"	6.546s ago	41ms	
http://10.20.1.111:9100/metrics	UP	instance="10.20.1.111:9100"	job="nodes-exporter"	5.801s ago	40.29ms	
http://10.20.1.121:9100/metrics	UP	instance="10.20.1.121:9100"	job="nodes-exporter"	4.705s ago	33.73ms	