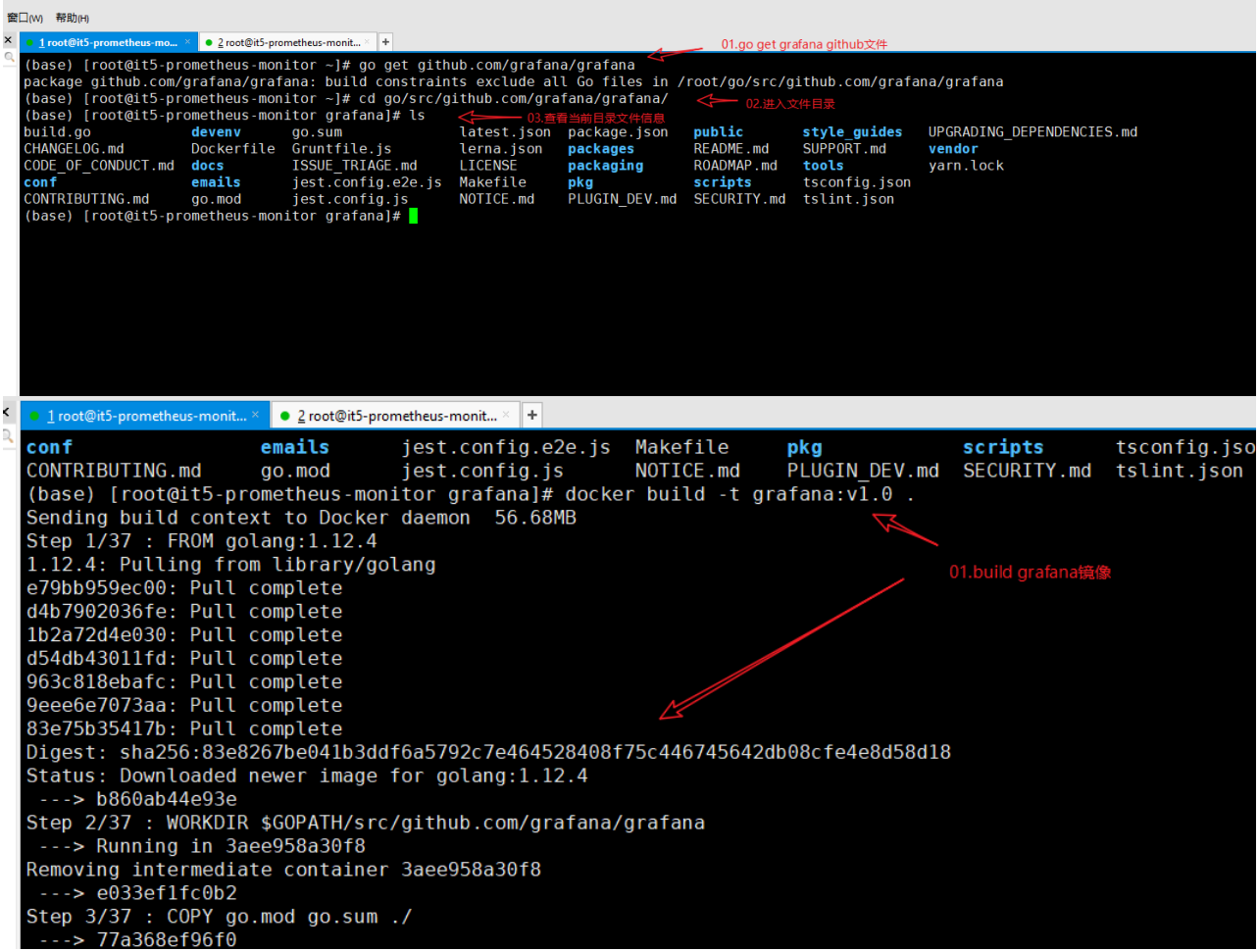
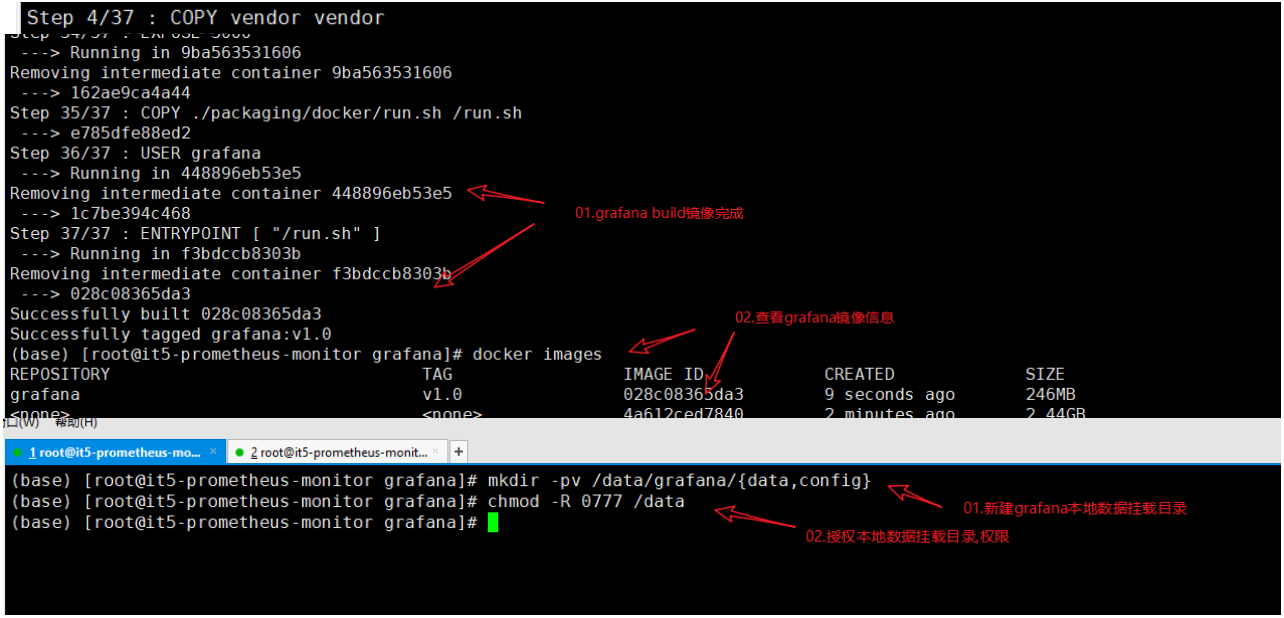
04.grafana容器部署

一、自建grafana镜像

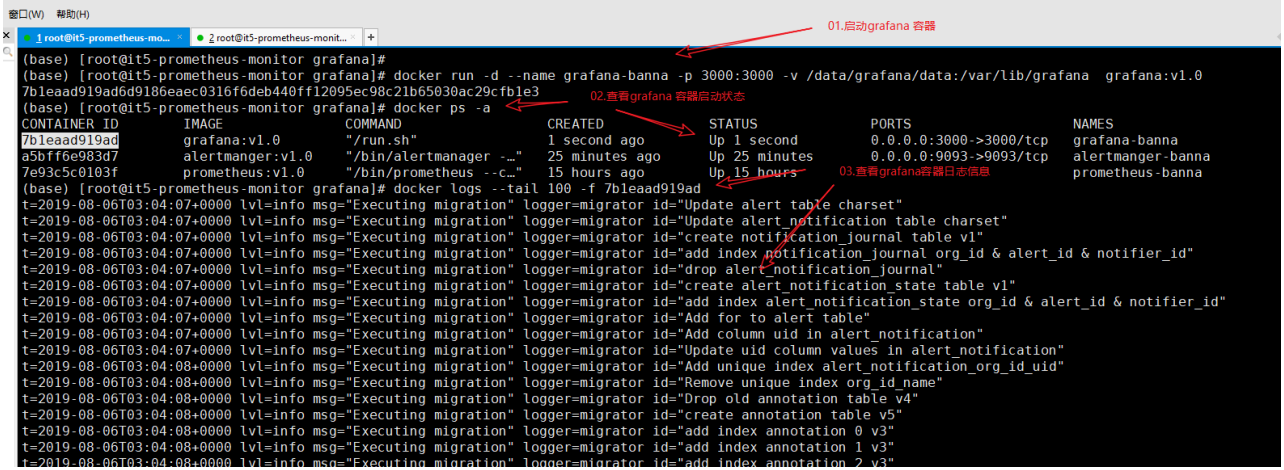
```
go get github.com/grafana/grafana
cd /root/go/src/github.com/grafana/grafana/grafana

docker build -t grafana:v1.0 .

mkdir -pv /data/grafana/{data,config}
chmod -R 0777 /data
```


窗口(W) 帮助(H)
1 root@it5-prometheus-mo...
2 root@it5-prometheus-monit...
01.go get grafana github文件
(base) [root@it5-prometheus-monitor ~]# go get github.com/grafana/grafana
package github.com/grafana/grafana: build constraints exclude all Go files in /root/go/src/github.com/grafana/grafana
(base) [root@it5-prometheus-monitor ~]# cd go/src/github.com/grafana/grafana/
02.进入文件目录
(base) [root@it5-prometheus-monitor grafana]# ls
03.查看当前目录文件信息
build.go devenv go.sum latest.json package.json public style_guides UPGRADING_DEPENDENCIES.md
CHANGELOG.md Dockerfile Gruntfile.js lerna.json packages README.md SUPPORT.md vendor
CODE_OF_CONDUCT.md docs ISSUE_TRIAGE.md LICENSE packaging ROADMAP.md tools yarn.lock
conf emails jest.config.e2e.js Makefile pkg scripts tsconfig.json
CONTRIBUTING.md go.mod jest.config.js NOTICE.md PLUGIN_DEV.md SECURITY.md tslint.json
(base) [root@it5-prometheus-monitor grafana]#
1 root@it5-prometheus-monit...
2 root@it5-prometheus-monit...
conf emails jest.config.e2e.js Makefile pkg scripts tsconfig.jso
CONTRIBUTING.md go.mod jest.config.js NOTICE.md PLUGIN_DEV.md SECURITY.md tslint.json
(base) [root@it5-prometheus-monitor grafana]# docker build -t grafana:v1.0 .
01.build grafana镜像
Sending build context to Docker daemon 56.68MB
Step 1/37 : FROM golang:1.12.4
1.12.4: Pulling from library/golang
e79bb959ec00: Pull complete
d4b7902036fe: Pull complete
1b2a72d4e030: Pull complete
d54db43011fd: Pull complete
963c818ebafc: Pull complete
9eee6e7073aa: Pull complete
83e75b35417b: Pull complete
Digest: sha256:83e8267be041b3ddf6a5792c7e464528408f75c446745642db08cfe4e8d58d18
Status: Downloaded newer image for golang:1.12.4
---> b860ab44e93e
Step 2/37 : WORKDIR $GOPATH/src/github.com/grafana/grafana
---> Running in 3aee958a30f8
Removing intermediate container 3aee958a30f8
---> e033ef1fc0b2
Step 3/37 : COPY go.mod go.sum ./
---> 77a368ef96f0



二、启动容器

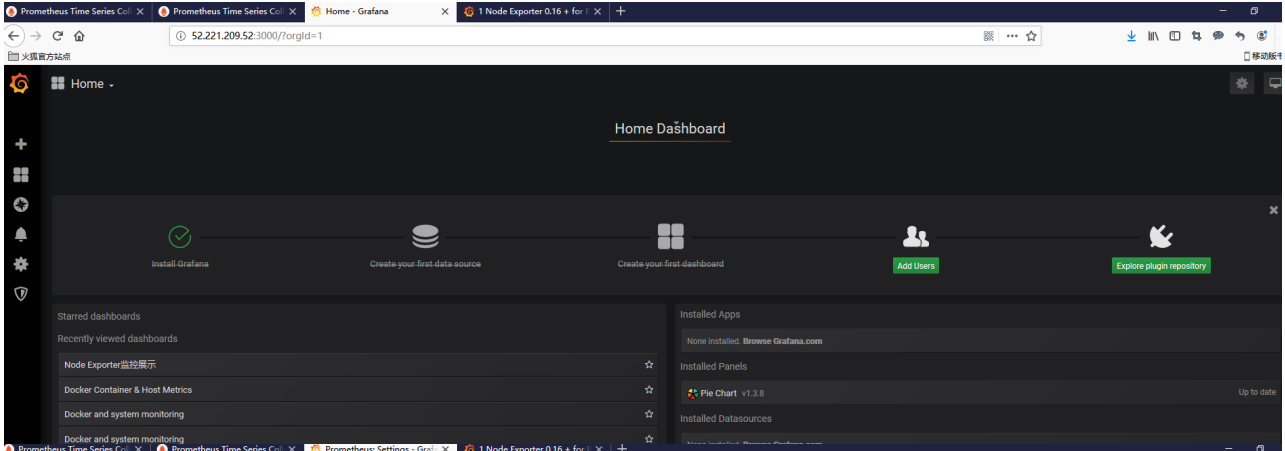
```
docker run -d --name grafana-banna -p 3000:3000 -v /data/grafana/data:/var/lib/grafana  grafana:v1.0
```

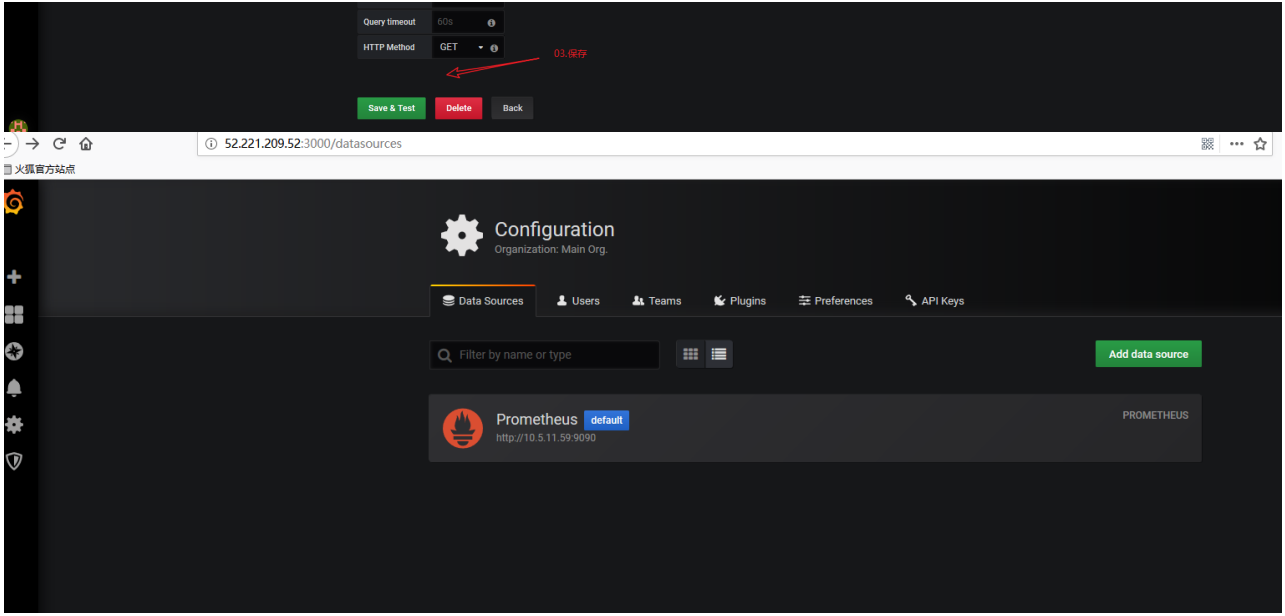


三、WEB访问

`http://IP:3000` *#grafana默认端口是3000*

默认登录用户和密码为: `admin:admin`


Prometheus Time Series Col
Prometheus Time Series Col
Home - Grafana
1 Node Exporter 0.16 + for
52.221.209.52:3000/?orgId=1
Home
Home Dashboard
Install Grafana
Create your first data source
Create your first dashboard
Add Users
Explore plugin repository
Starred dashboards
Recently viewed dashboards
Node Exporter监控展示
Docker Container & Host Metrics
Docker and system monitoring
Docker and system monitoring
Installed Apps
None installed. Browse Grafana.com
Installed Panels
Pie Chart v1.3.8
Up to date
Installed Datasources
Prometheus Time Series Col
Prometheus Time Series Col
Prometheus: Settings - Graf
1 Node Exporter 0.16 + for
52.221.209.52:3000/datasources/edit/1/
Data Sources / Prometheus
Type: Prometheus
Settings
Dashboards
Name
Prometheus
Default
01.数据源名称
HTTP
URL
http://10.5.11.59:9090
02.数据源地址配置信息
Access
Server (Default)
Help
Whitelisted Cookies
Add Name
Auth
Basic Auth
With Credentials
TLS Client Auth
With CA Cert
Skip TLS Verify
Forward OAuth Identity
Scrape interval
15s


Query timeout
60s
HTTP Method
GET
03.保存
Save & Test
Delete
Back
52.221.209.52:3000/datasources
火狐官方站点
Configuration
Organization: Main Org.
Data Sources
Users
Teams
Plugins
Preferences
API Keys
Filter by name or type
Add data source
Prometheus
default
http://10.5.11.59:9090
PROMETHEUS