

## Prometheus

- 系统监控与警告系统，将指标数据（cpu使用率、活动连接）存储为时间序列。
- `systemctl start prometheus` 启动
- `systemctl status prometheus` 显示状态信息
- `journalctl -u prometheus | grep error` 具体问题日志

### 1. 直接传输(http)

```
//源端Prometheus配置
remote_write:
  - url: http://<远程存储后端地址>/api/v1/write

//接收端Prometheus.yml配置
scrape_configs:
  - job_name: 'remote_prometheus' //数据名
    scrape_interval: 5m           //抓取数据间隔
    basic_auth:                   //验证
      username: shgddfxxzxxm
      password: Y05SAtnzUyq
    static_configs:               //目标机器
      - targets: ['172.20.88.244:9090']
```

### 2. 依赖源端nginx代理(https)

```
//prometheus.yml配置
scrape_configs:
  - job_name: 'remote_prometheus' //数据名
    scrape_interval: 5m           //抓取数据间隔
    #metrics_path: /prometheus    //指定抓取端点路径
    scheme: https                 //协议
    tls_config:
      insecure_skip_verify: true
    basic_auth:                   //验证
      username: shgddfxxzxxm
      password: Y05SAtnzUyq
    static_configs:               //目标机器
      - targets: '172.20.88.244'

//nginx配置
location / {
  proxy_pass http://172.20.88.244:9090/;
  proxy_http_version 1.1;
  proxy_set_header Upgrade $http_upgrade;
  proxy_set_header Connection keep-alive;
  proxy_set_header Host $host;
  proxy_cache_bypass $http_upgrade;
  proxy_set_header Connection "Upgrade";
  proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
```

```
    proxy_read_timeout 3000s;
}
```

3. 检验

- 在浏览器输入 http:// 接收端ip:端口/ -> Status -> Targets .

remote\_prometheus (1/1 up) [show less](#)

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="https://172.20.88.244/metrics">https://172.20.88.244/metrics</a>	UP	instance="172.20.88.244:443" job="remote_prometheus" ✓	-47.617s ago	17.187ms	