

PART 3



MONITORING **ASTERISK** WITH **PROMETHEUS**

PROMETHEUS.CONF



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`/etc/asterisk/prometheus.conf`

`/etc/asterisk/httpd.conf`



`/etc/prometheus/prometheus.yml`

/etc/asterisk/prometheus.conf

```
root@Asterisk18:/etc/asterisk# cat /etc/asterisk/prometheus.conf | egrep -v "^\s*(;|$)"
[general]
enabled = yes                ; Enable/disable all statistic generation.
core_metrics_enabled = yes   ; Enable/disable core metrics. Core metrics
uri = metrics                 ; The HTTP route to expose metrics on.
auth_username = Asterisk     ; If provided, Basic Auth will be enabled on
auth_password = Rf52Gfg8GspqG ; The password to use for Basic Auth. Note
root@Asterisk18:/etc/asterisk#
```

/etc/asterisk/httpd.conf

```
root@Asterisk18:/etc/asterisk# cat /etc/asterisk/http.conf | egrep -v "^\\s*(;|\\$)"
[general]
servername=Asterisk
enabled=yes
bindaddr=167.172.169.213
bindport=8088
root@Asterisk18:/etc/asterisk#
```

asterisk -rx "core reload"


/etc/prometheus/prometheus.yml

```
root@prometheus:/etc/prometheus# cat /etc/prometheus/prometheus.yml | egrep -v "^\\s*(#|\\$)"
global:
  scrape_interval: 15s # Set the scrape interval to every 15 seconds. Default is every 1 minute.
  evaluation_interval: 15s # Evaluate rules every 15 seconds. The default is every 1 minute.
alerting:
  alertmanagers:
    - static_configs:
        - targets:
rule_files:
scrape_configs:
  - job_name: "prometheus"
    static_configs:
      - targets: ["167.172.169.213:8088"]
root@prometheus:/etc/prometheus#
```

systemctl restart prometheus

Targets

All Unhealthy Collapse All



Asterisk Servers (1/1 up) [show less](#)

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://167.172.169.213:8088/metrics	UP	<code>instance="167.172.169.213:8088"</code> <code>job="Asterisk Servers"</code>	9.278s ago	4.239ms	

prometheus (1/1 up) [show less](#)

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://127.0.0.1:9090/metrics	UP	<code>instance="127.0.0.1:9090"</code> <code>job="prometheus"</code>	6.845s ago	4.514ms	

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Prometheus

Alerts

Graph

Status ▾

Help



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asterisk_core_uptime_seconds



Execute

Table

Graph

Load time: 228ms Resolution: 14s Result series: 1



Evaluation time



asterisk_core_uptime_seconds{**eid**="16:0a:91:9a:a2:36", **instance**="167.172.169.213:8088", **job**="Asterisk Servers"}

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