
Roll your own Service Discovery

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Prometheus Service Discovery

Avoid static configuration files

No reloading

Always up-to-date

Currently supported

- Files
 - DNS
 - Consul
 - Kubernetes
 - Marathon
 - “Major” cloud providers
-

Add more?

Sorry but no new Service Discovery are being added :-(

Add more?

Sorry but no new Service Discovery are being added :-)

Add SAKURA Cloud Service Discovery #3988

Edit



whywaita wants to merge 6 commits into `prometheus:master` from `whywaita:feat/add-saccloud_sd_config`

Add more?

Sorry but no new Service Discovery are being added :-)

Add SAKURA Cloud Service Discovery #3988

Add Foreman SD Support #2221



Closed

mspaulding06 wants to merge 1 commit into prometheus:master from unknown repository

Edit

Edit

Add more?

Sorry but no new Service Discovery are being added :-)

Add SAKURA Cloud Service Discovery #3988

Add Foreman SD Support #2221

Add Eureka Service Discovery #3369

 Closed kangwoo wants to merge 9 commits into `prometheus:master` from `kangwoo:master`

Edit

Edit

Edit

Add more?

Sorry but no new Service Discovery are being added :-)

Add SAKURA Cloud Service Discovery #3988

Add Foreman SD Support #2221

Add Eureka Service Discovery #3369

vSphere Service Discovery #4323

 Closed dvonthenen wants to merge 9 commits into prometheus:master from dvonthenen:feature/vsphere-sd

Edit

Edit

Edit

Edit

But why?


But why?

Filters ▾

Labels

Milestones

☒ Clear current search query, filters, and sorts

☐  **39 Open** ☒ **68 Closed**

Author ▾ **Labels** ▾ **Projects** ▾

What then?

<https://prometheus.io/blog/2018/07/05/implementing-custom-sd/>

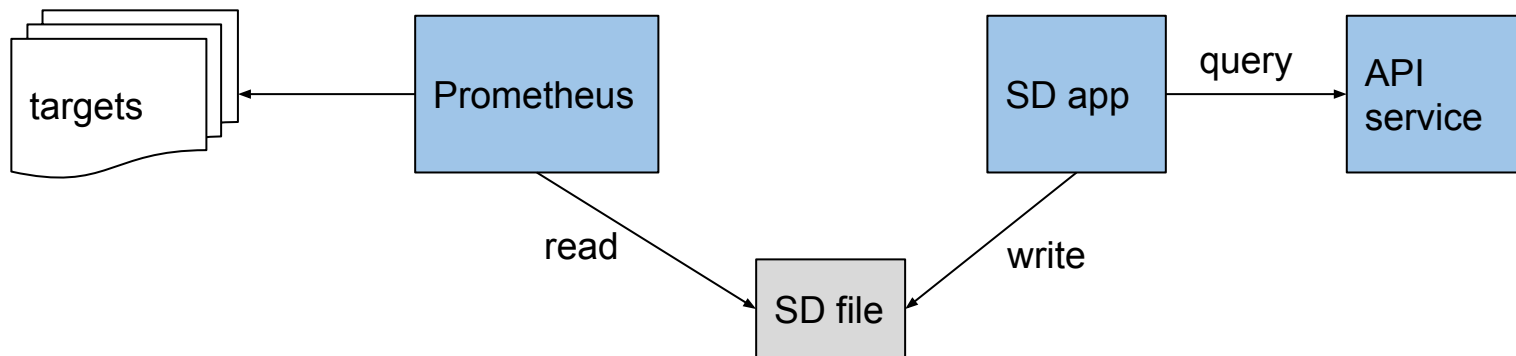
Implementing Custom Service Discovery

Posted at: July 5, 2018 by Callum Styan

Implementing Custom Service Discovery

Prometheus contains built in integrations for many service discovery (SD) systems such as Consul, Kubernetes, and public cloud providers such as Azure. However, we can't provide integration implementations for every service discovery option out there. The Prometheus team is already stretched thin supporting the current set of SD integrations, so maintaining an integration for every possible SD option isn't feasible. In many cases the current SD implementations have been contributed by people outside the team and then not maintained or tested well. We want to commit to only providing direct integration with service discovery mechanisms that we know we can maintain, and that work as intended. For this reason, there is currently a moratorium on new SD integrations.

How it works



Concrete example

<https://github.com/scaleway/prometheus-scw-sd>

<https://github.com/simonpasquier/prometheus-scaleway-sd>

~ 200 lines of code

Things to look after

- Take care of removed/deleted targets.
 - Instrument your SD application.
 - Add yourself to the Prometheus documentation.
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