

Firehose: a Unified Message Bus for Infra Services

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<https://github.com/mtreinish/firehose>

OpenStack Infrastructure

A big complicated diagram

Firehose

- ▶ An infra run MQTT broker
- ▶ Has public readonly access via MQTT and MQTT over Websockets on Port 80
- ▶

MQTT

Services Using the Firehose

Service	Base Topic	Source of Messages
Gerrit	gerrit	germqtt
Launchpad	launchpad	lpmqtt
Logstash	logstash	logstash-output-mqtt

Future Plans

- ▶ Zuul Subscriber Support to gerrit
- ▶ Add additional publishers:
 - ▶ Ansible
 - ▶ Nodepool
 - ▶ Logstash

Where to get more information

- ▶ openstack-infra ML openstack-infra@lists.openstack.org
- ▶ #openstack-infra on Freenode
- ▶ <http://docs.openstack.org/infra/system-config/firehose.html>