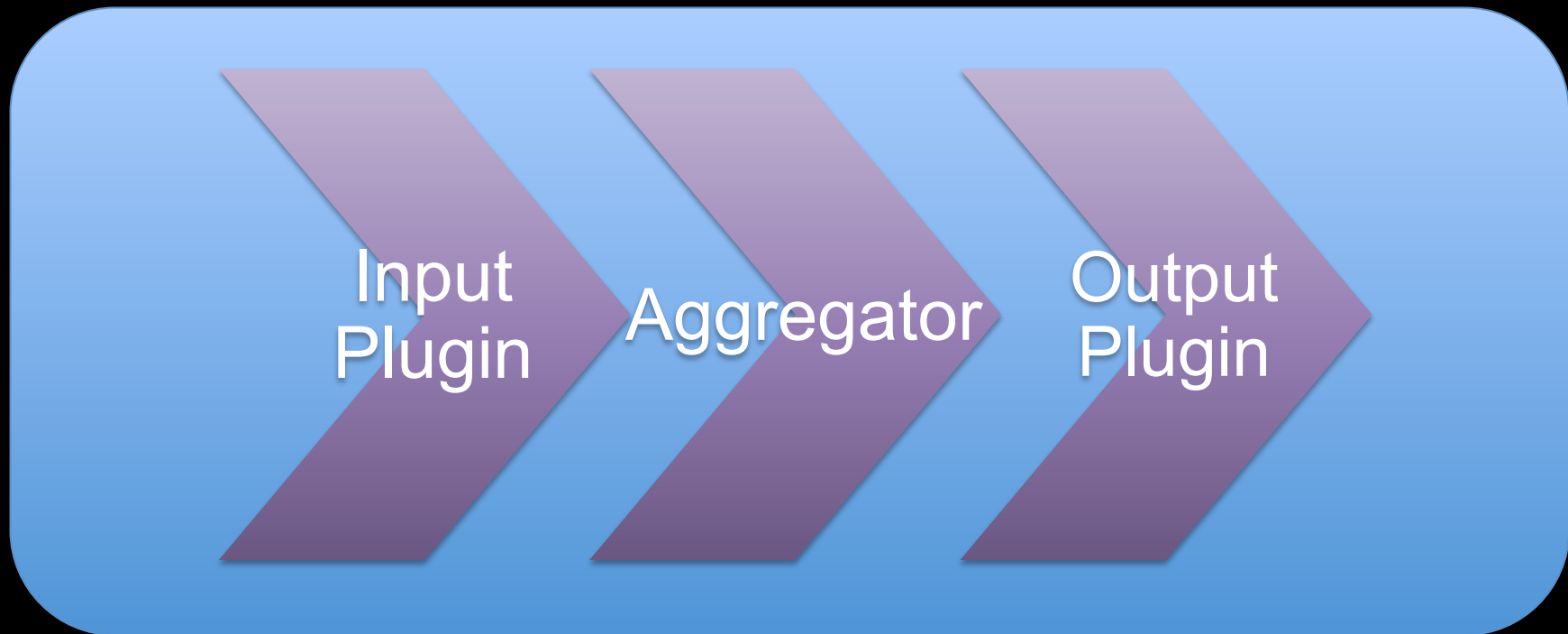Ripe
Atlas
Stream
To
Anywhere

ONE
LOVE

Telegraf

Telegraf is a plugin-driven server agent for collecting and reporting metrics.

Input Plugin ❯❯ Aggregator ❯❯ Output Plugin

Proof Of Concept

- Subscribe to all probe status updates
- Save updates to databases
- Visualize data

Data

time	asn	controller	host	prefix	probe_id	status	type
1492763447000000000	3329	ctr-ams08	LAPTOPM-234.localdomain	5.55.96.0/19	12980	connect	connection
1492763461000000000	0	ctr-ams15	LAPTOPM-234.localdomain	2002::/16	28747	connect	connection
1492763475000000000	25472	ctr-ams04	LAPTOPM-234.localdomain	84.254.0.0/18	14615	connect	connection
1492763479000000000	12322	ctr-ams14	LAPTOPM-234.localdomain	62.147.0.0/16	18344	connect	connection
1492763492000000000	39526	ctr-ams05	LAPTOPM-234.localdomain	178.175.235.0/24	3725	connect	connection
1492763501000000000	6830	ctr-ams14	LAPTOPM-234.localdomain	2a02:908:8000::/33	916	connect	connection
1492763502000000000	12389	ctr-ams14	LAPTOPM-234.localdomain	91.122.192.0/18	27300	connect	connection
1492763543000000000	6730	banks	LAPTOPM-234.localdomain	2001:1700::/27	12888	connect	connection
1492763564000000000	6661	ctr-ams03	LAPTOPM-234.localdomain	78.141.128.0/18	3474	connect	connection
1492763595000000000	36914	ctr-ams15	LAPTOPM-234.localdomain	197.136.0.0/14	24402	connect	connection
1492763598000000000	3269	ctr-nue13	LAPTOPM-234.localdomain	79.50.0.0/15	13659	connect	connection
1492763602000000000	21246	ctr-nue15	LAPTOPM-234.localdomain	46.99.254.0/23	21795	connect	connection
1492763657000000000	12389	ctr-sin02	LAPTOPM-234.localdomain	178.45.160.0/19	13590	connect	connection
1492763674000000000	3269	ctr-ams05	LAPTOPM-234.localdomain	79.44.0.0/15	31684	connect	connection
1492763682000000000	6939	ctr-nue15	LAPTOPM-234.localdomain	2001:470::/32	22583	connect	connection
1492763683000000000	21131	ctr-ams08	LAPTOPM-234.localdomain	193.34.60.0/22	2204	connect	connection
1492763686000000000	3269	ctr-ams15	LAPTOPM-234.localdomain	80.116.128.0/19	31735	connect	connection
1492763696000000000	0	ctr-nue15	LAPTOPM-234.localdomain	2002::/16	31897	connect	connection
1492763711000000000	40788	ctr-ewr01	LAPTOPM-234.localdomain	23.92.128.0/20	14354	connect	connection
1492763714000000000	41843	ctr-nue21	LAPTOPM-234.localdomain	109.194.122.0/23	13672	connect	connection
1492763715000000000	201226	banks	LAPTOPM-234.localdomain	91.239.156.0/24	10276	connect	connection
1492763725000000000	6730	banks	LAPTOPM-234.localdomain	2001:1700::/27	12888	connect	connection

ASN 7922

atlas_probestatus.count

Probe 17040

atlas_probestatus.count
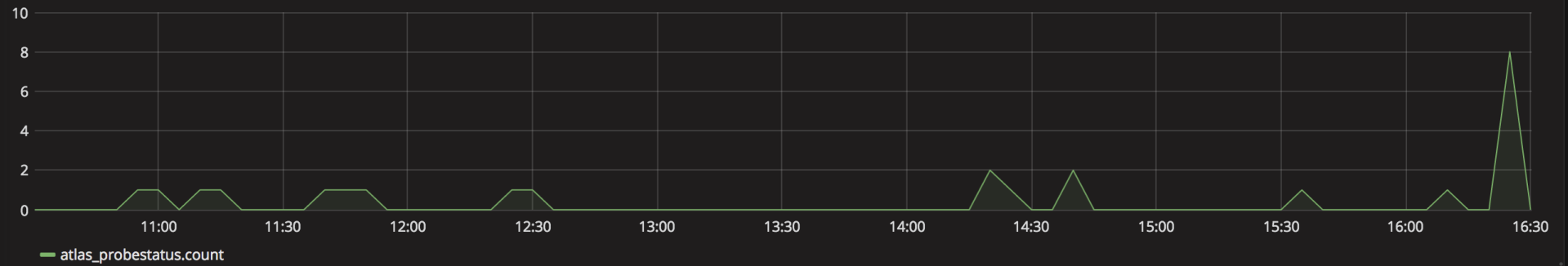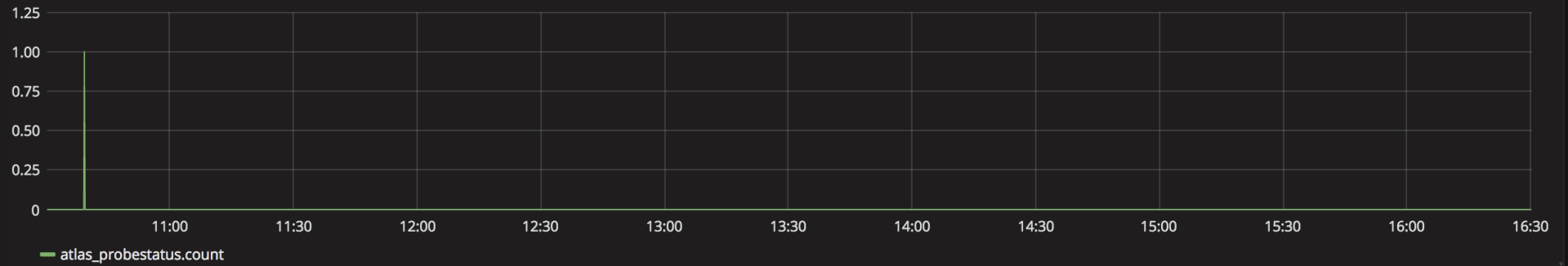
Probe 17040

connect

Updates last 5m

19

iis.se

Details

- Go support for websocket and socket.io is *very* basic

- Not implemented
- TLS
- automatic reconnect
- configuration of endpoint
- configuration of subscriptions

Goals achieved!