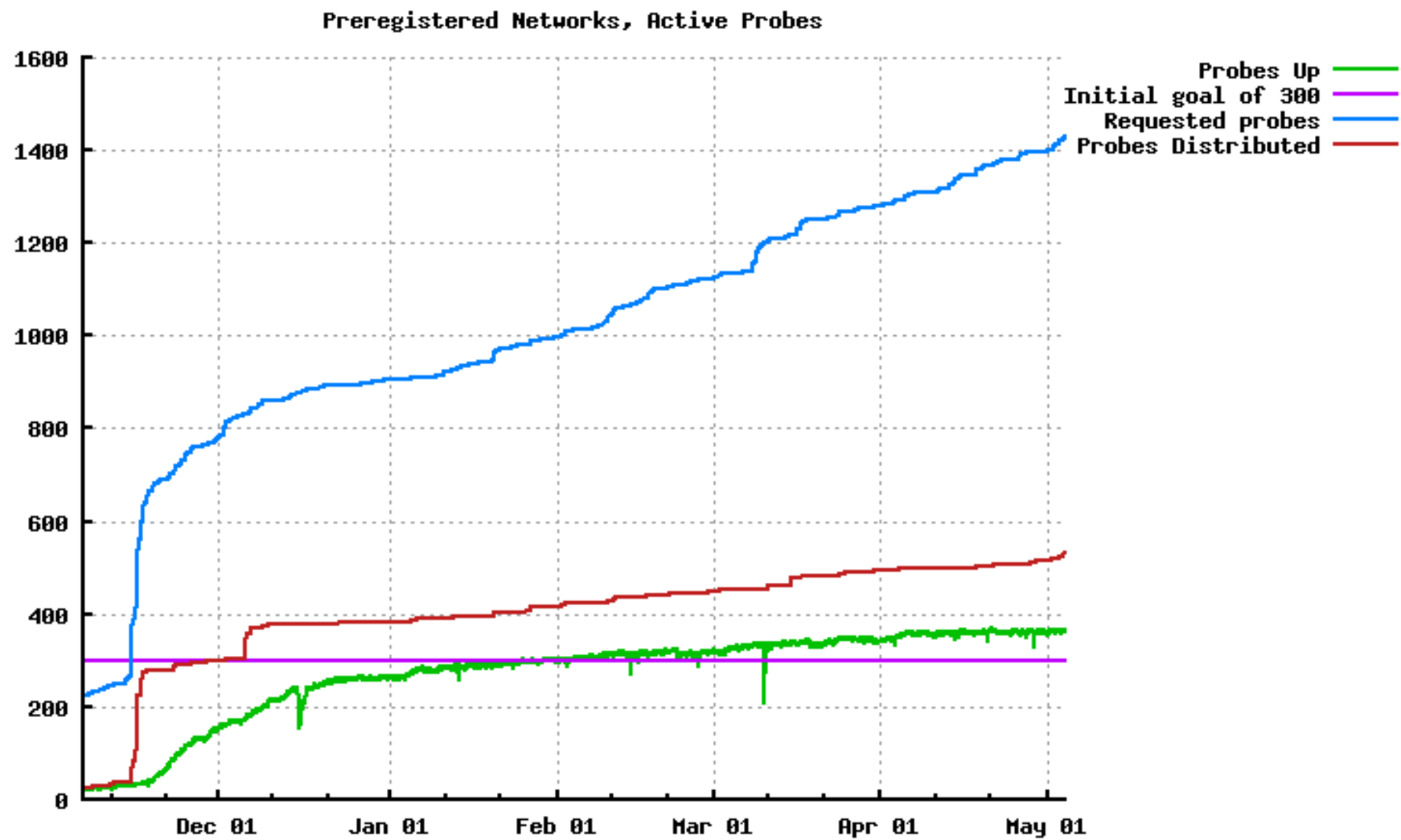# RIPE Atlas Update

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Outline

- Past, present, future

- Some interesting maps

- Some interesting videos

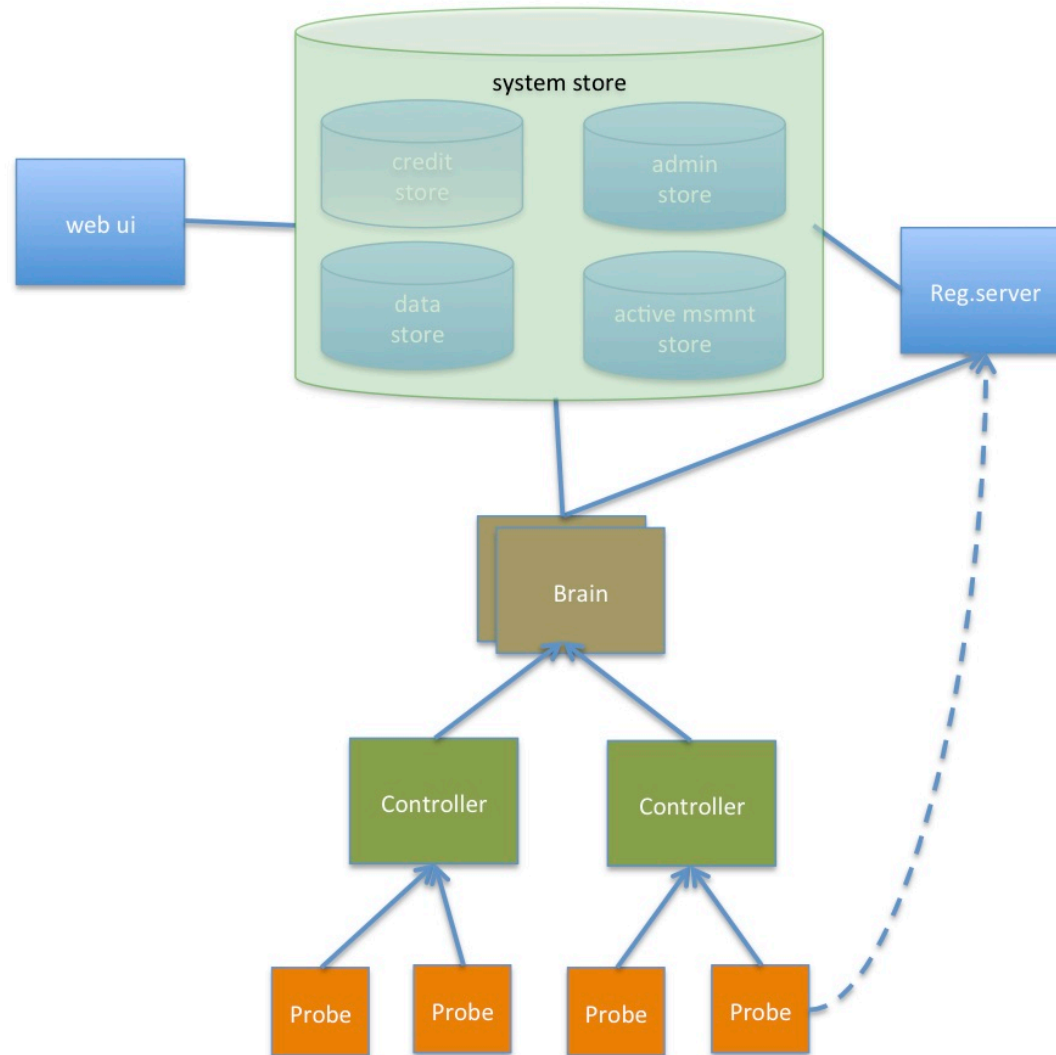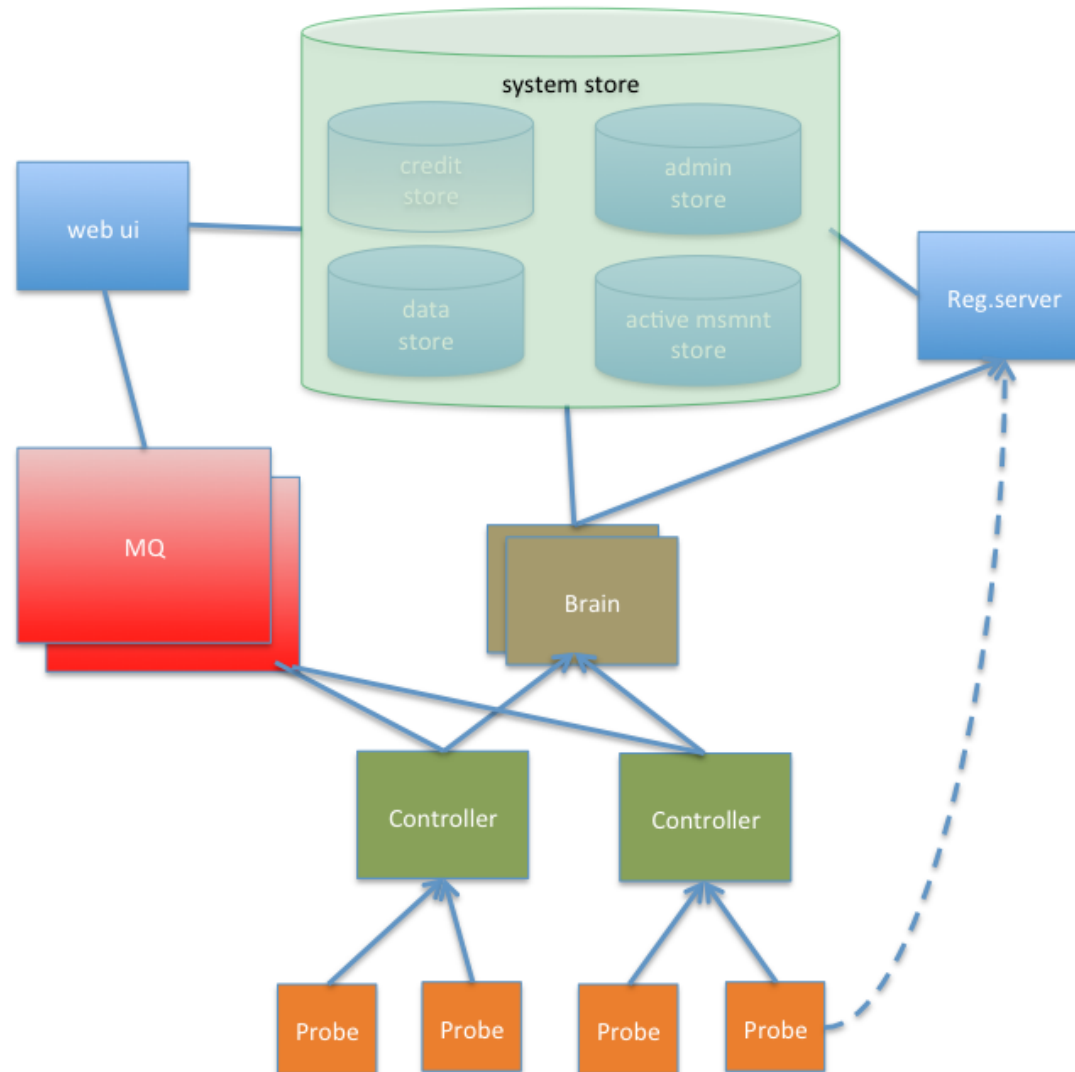Preregistered Networks, Active Probes

Past

Things we've been working on:

- More probes for you!

- New features you've asked for:
  - Probe DNS entries
  - Public probes
  - Uptime reports
  - UI design changes

- Some internal architectural changes

Past

Past

Present

Things we are working on:

- More probes for you!

- Static network configuration

  - DHCP will not be a requirement any more

  - Helps IPv6 only deployments

- User-defined measurements

Future

Things we will be working on:

- More probes for you!

- User-defined measurements
  - Allow you to specify your own measurements
    - RTT+path
    - DNS
    - …
  - We'll enable you to specify more and more details of your measurements

Future

Things we will be working on:

- More visualisations

- Work together with researchers to increase the usefulness of the data we collect
  - Event detection, look for correlations, …

- Integration with RIPEstat

Some interesting maps

Live?

https://atlas.ripe.net/atlas/rtt_maps.html

labs.ripe.net (IPv4)

k.root-servers.net (IPv4)

m.root-servers.net (IPv4)

m.root-servers.net (IPv4)

k.root-servers.net (IPv6)

Some interesting videos

Live!

RIPE Atlas growth, as illustrated by IPv4 RTT

measurements towards k-root

http://www.youtube.com/watch?v=aLprnOJ00UA

One specific event, as illustrated by IPv4 RTT

measurements towards k-root

http://www.youtube.com/watch?v=jFBvfFoNCac

Questions?

atlas.ripe.net

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