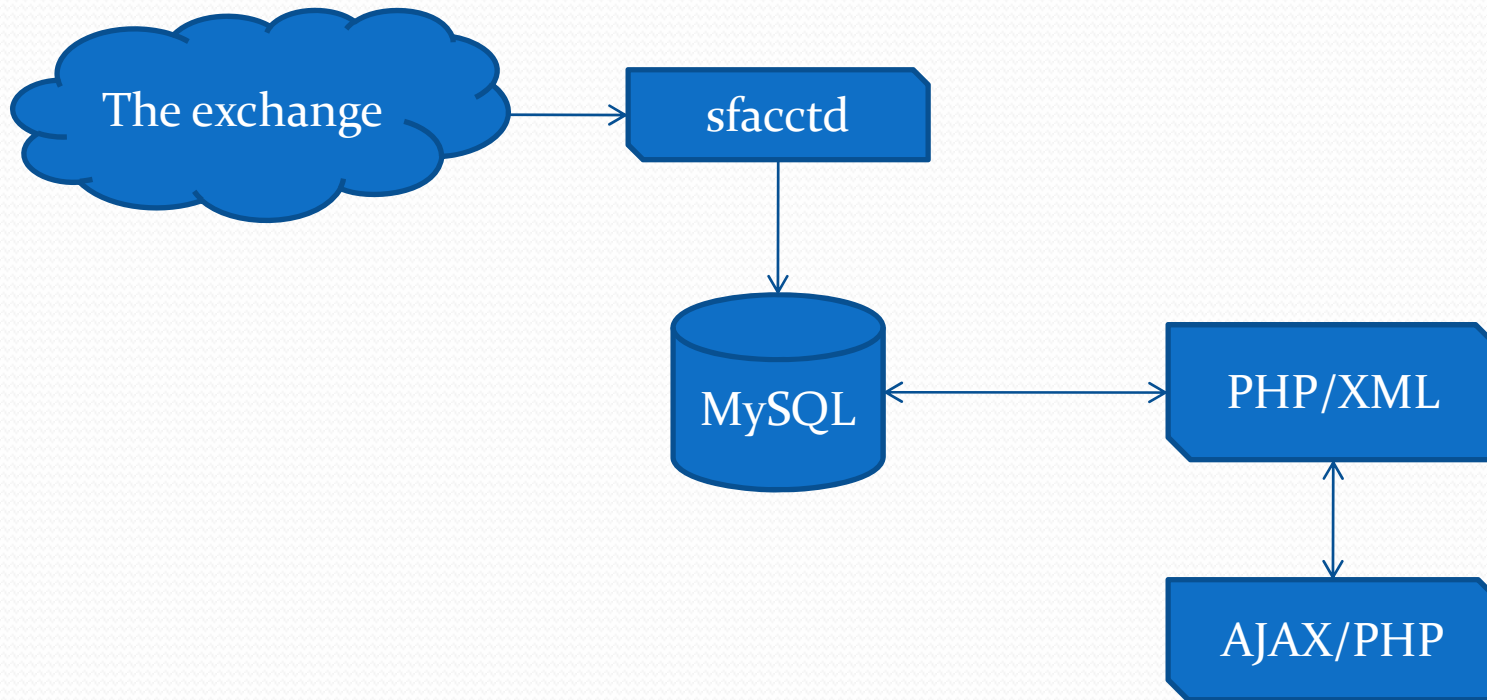
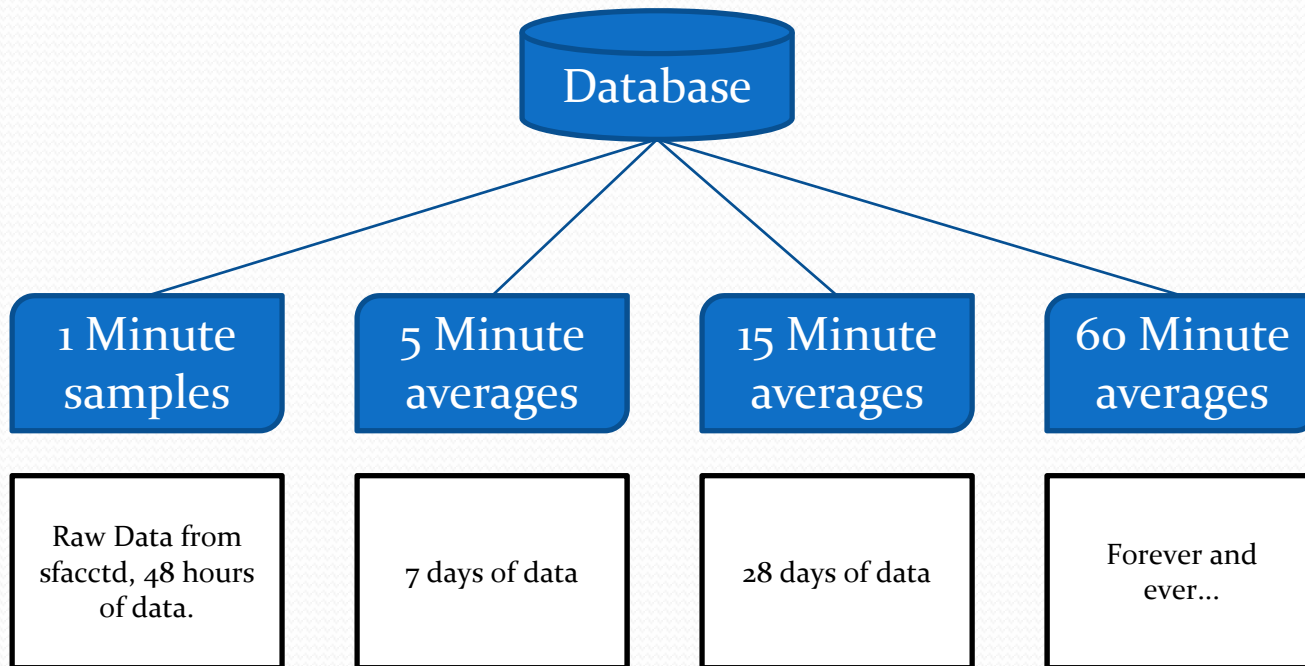


The Guts of an sFlow Implementation

Overview



Database



Advantages and Limitations

- We get more than just graphs from the same data sets
- pmacctd gives us huge scope for functionality

- Deleting data
- Temporary tables
- Joining tables

Hardware

- 2x dual-core CPU's
- 16 GB of RAM
- 820GB RAID6 Array (8 x 146GB disks)

A few numbers

- 36 Million rows for 48 hours of 1 minute samples
- 32 Million rows for 7 days of 5 minute averages
- 43 Million rows for 4 weeks of 15 minute averages
- 40 Million rows for 3 months of 1 hour averages
- 147GB of data collected over the last 3 months

Future

- Open the XML interface to members
- Peering matrix built on seen BGP exchanges
- More diagnostic tools