Linux Performance Monitoring

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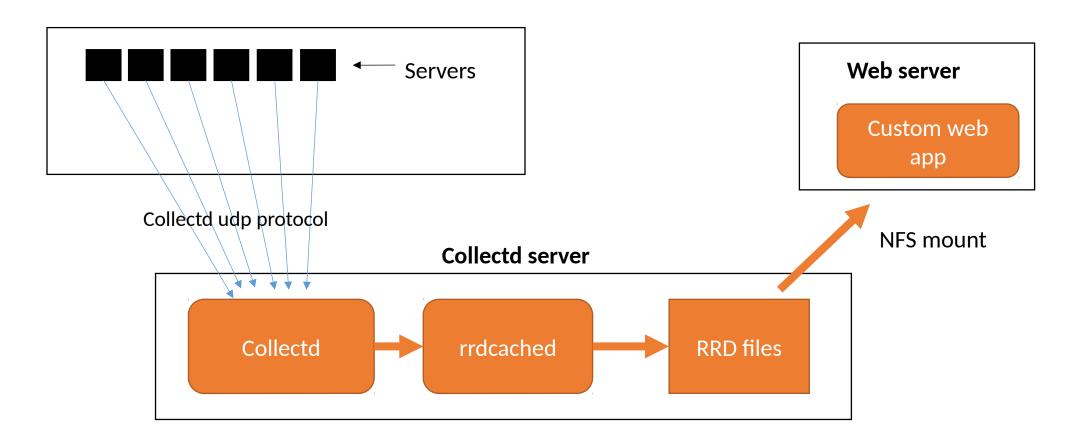
Needs

- High resolution metrics in the short term for troubleshooting performance issues and monitoring performance
- Low resolution metrics with long retention for capacity planning and review
- User friendly dashboard
- Scale up with growing environment

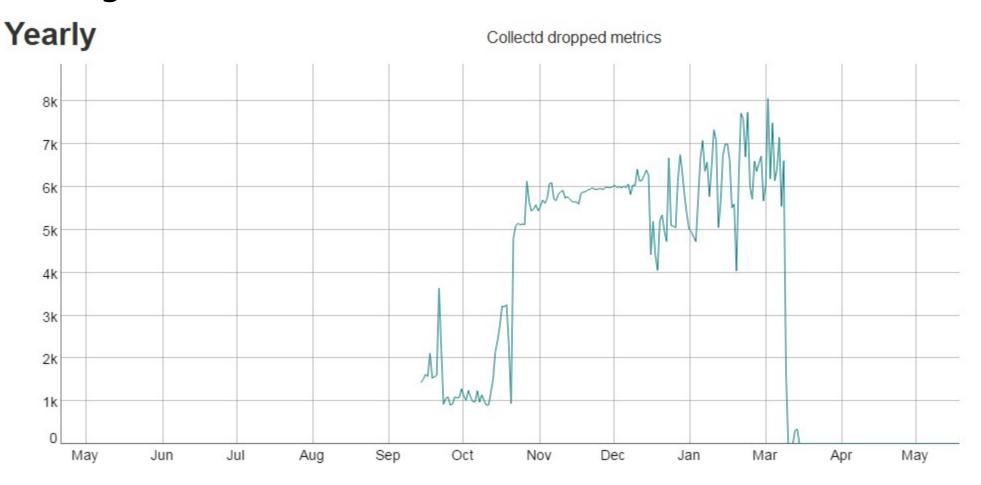
Collectd

- Open source system statistics collection agent
- Many plugins, plus "exec" plugin for custom-scripted monitors
- Out of the box support includes:
 - CPU
 - Load average
 - DF
 - Disk IO
 - Memory
 - Swap
 - Network

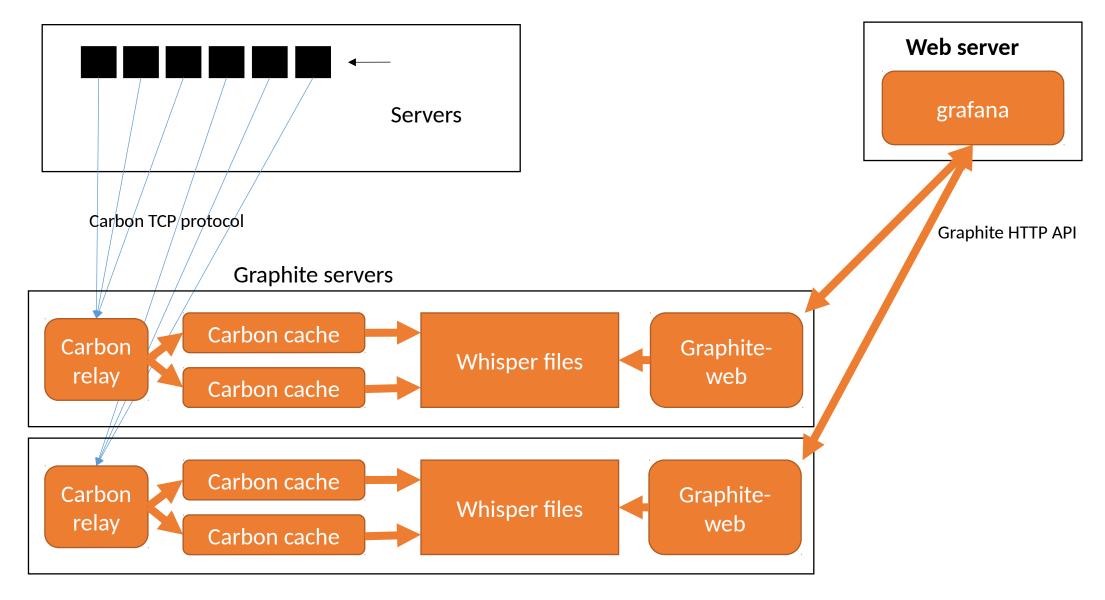
Aggregation architecture: legacy



Single-threaded collectd server couldn't keep up with incoming metrics



Aggregation architecture: today













host: All →

