

# 210805-154404-deployment-size-1000 - kbn-alert-load report

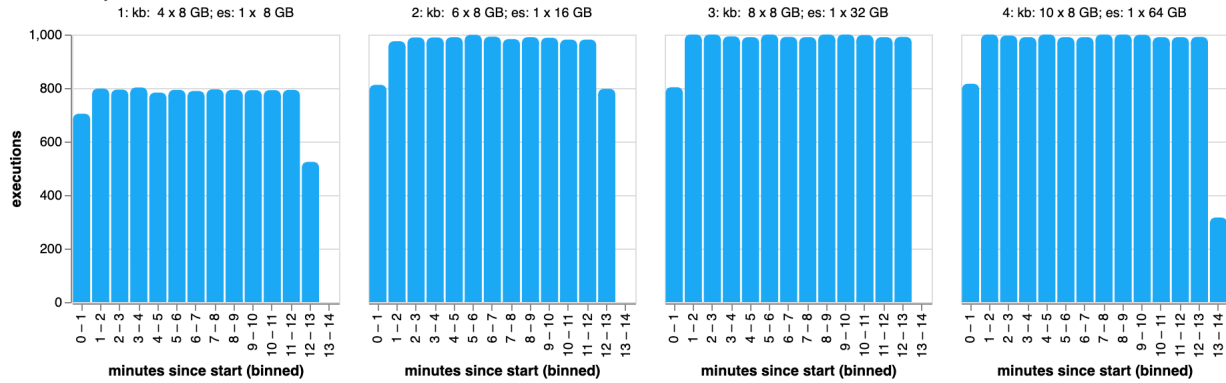
## load test results for Kibana alerting

suite: vary scenarios by deployment size for 1000 alerts  
date: Thu Aug 05 2021 12:02:50 GMT-0400 (Eastern Daylight Time)  
zone: us-east-1d  
suite id: deployment-size-1000

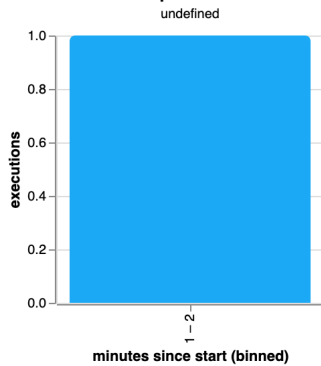
## common scenario settings

alertInterval: 1m  
alerts: 1000  
tmMaxWorkers: 10  
tmPollInterval: 3000  
version: 7.14.0

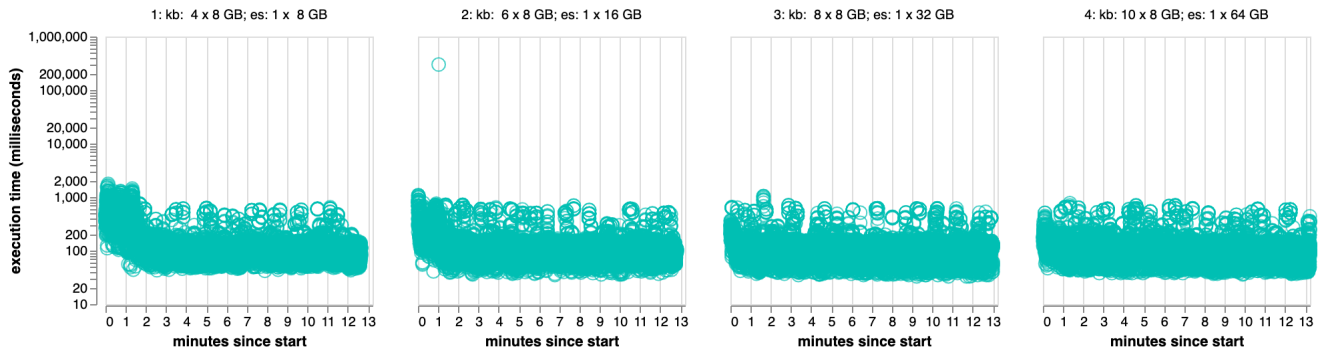
### executions per minute



### execution failures per minute

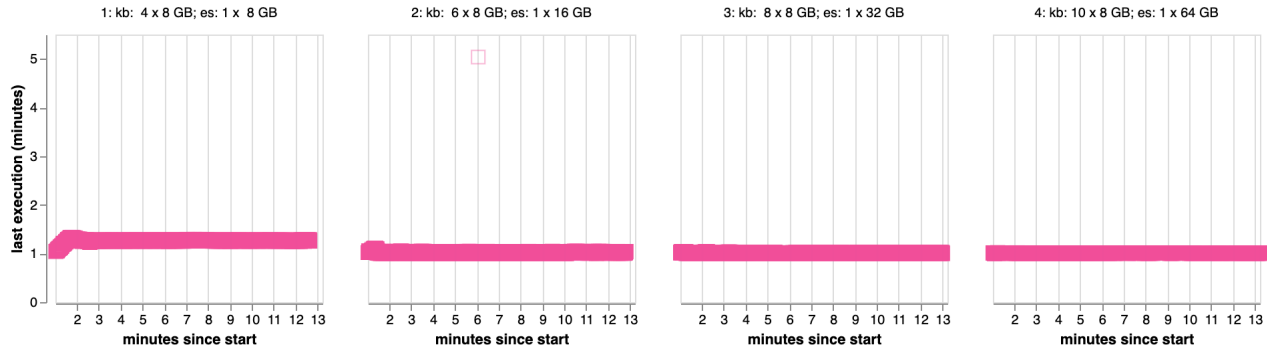


### execution time

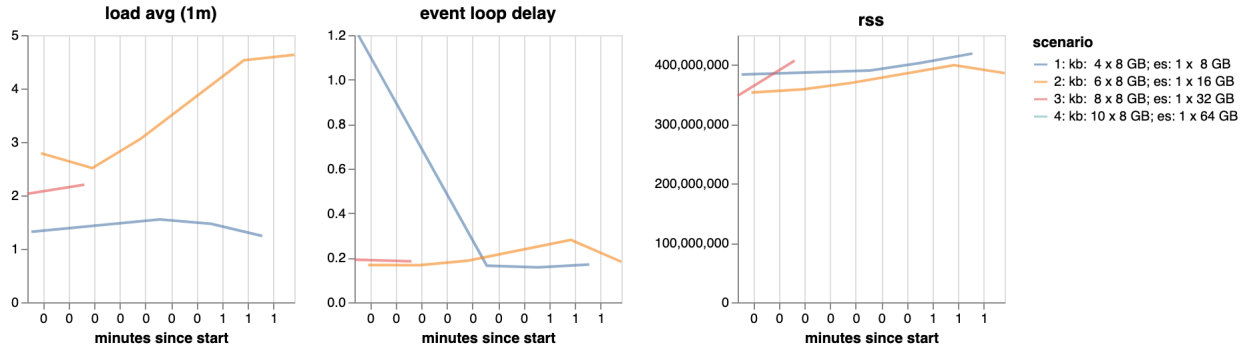




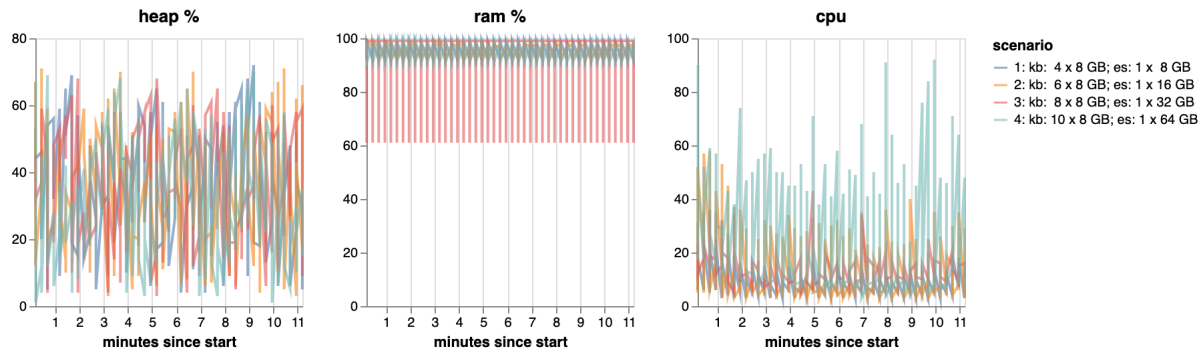
### times between alert executions



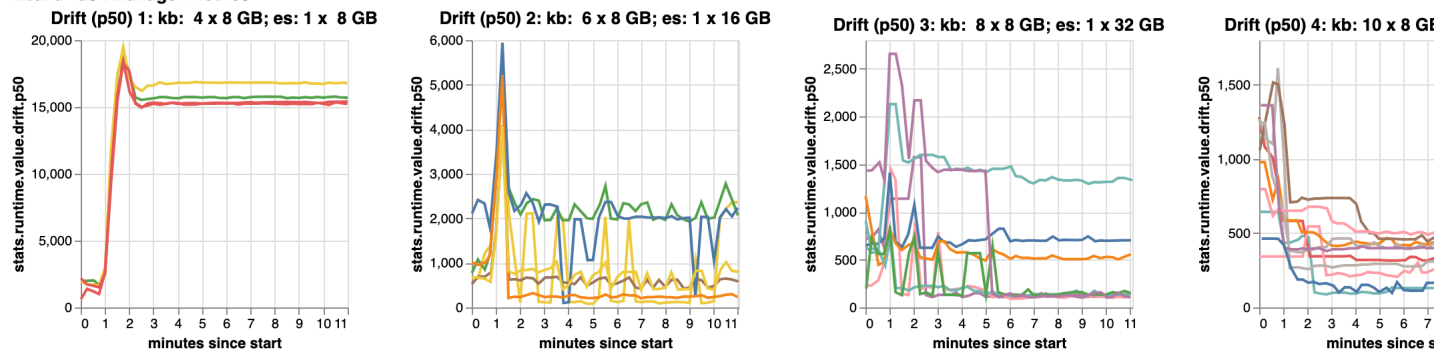
### kibana metrics



### elasticsearch metrics

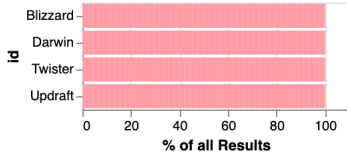


### kibana Task Manager metrics

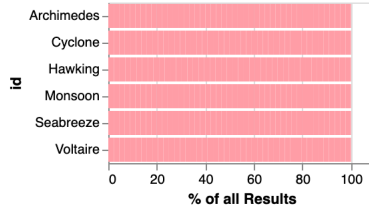


### kibana Task Manager Runtime Results

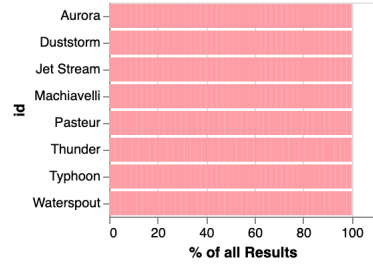
Task Run Results 1: kb: 4 x 8 GB; es: 1 x 8 GB



Task Run Results 2: kb: 6 x 8 GB; es: 1 x 16 GB



Task Run Results 3: kb: 8 x 8 GB; es: 1 x 32 GB

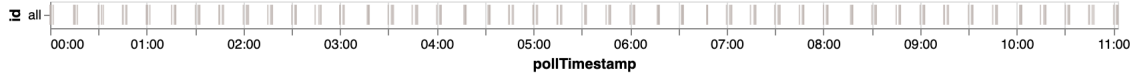


### Task f

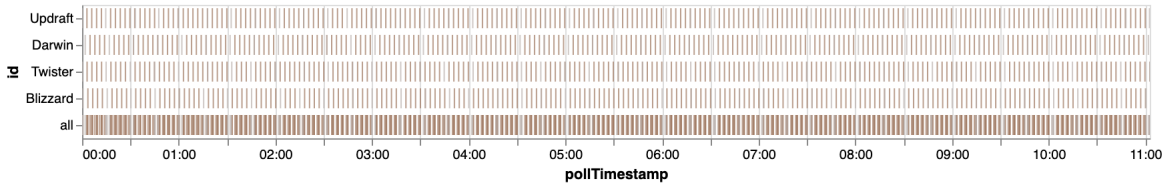
- Curi
- Edisc
- Epicur
- Freu
- Gu
- Hurrican
- Newtc
- Socrate
- Tornad
- Whirlwin

### kibana Task Manager Polling Timeline

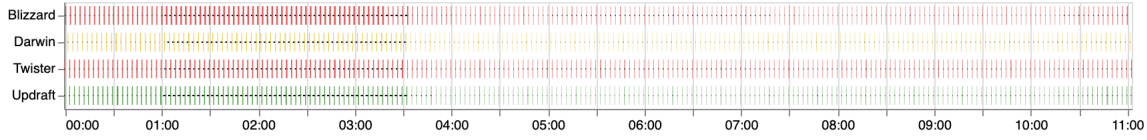
Zoom Into Timeline of 1: kb: 4 x 8 GB; es: 1 x 8 GB



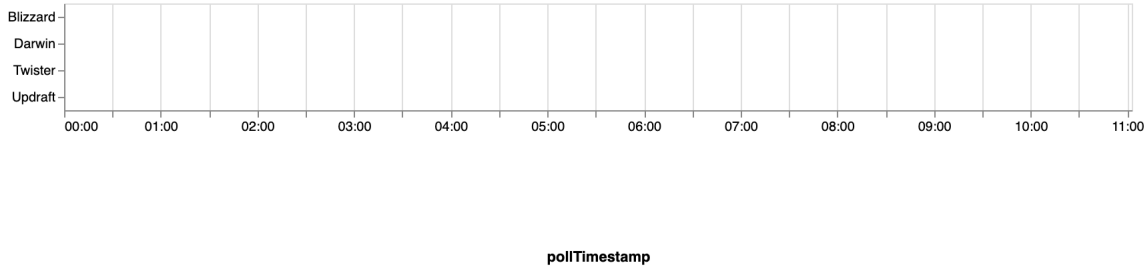
Whole Timeline of 1: kb: 4 x 8 GB; es: 1 x 8 GB



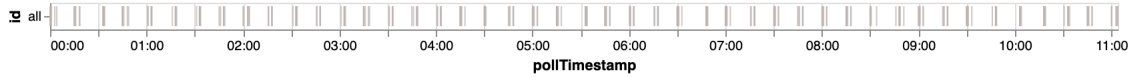
Sampled Polling Overlap of 1: kb: 4 x 8 GB; es: 1 x 8 GB



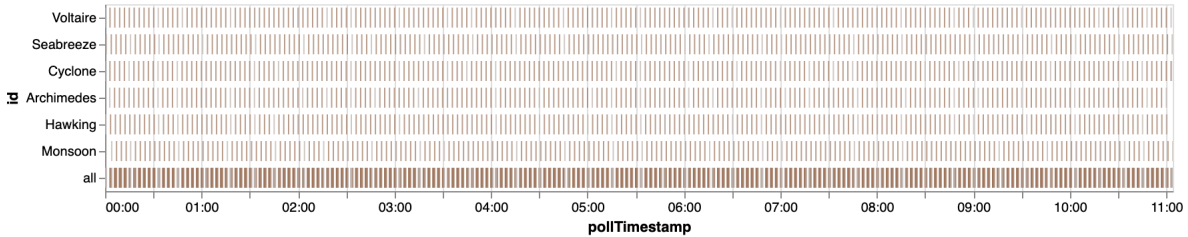
Claim Conflicts p50 of 1: kb: 4 x 8 GB; es: 1 x 8 GB



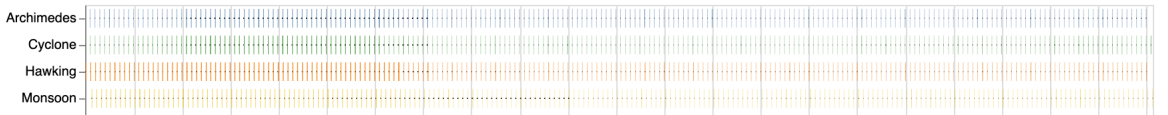
Zoom Into Timeline of 2: kb: 6 x 8 GB; es: 1 x 16 GB

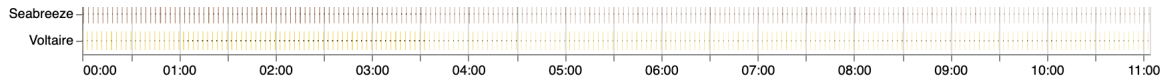


Whole Timeline of 2: kb: 6 x 8 GB; es: 1 x 16 GB

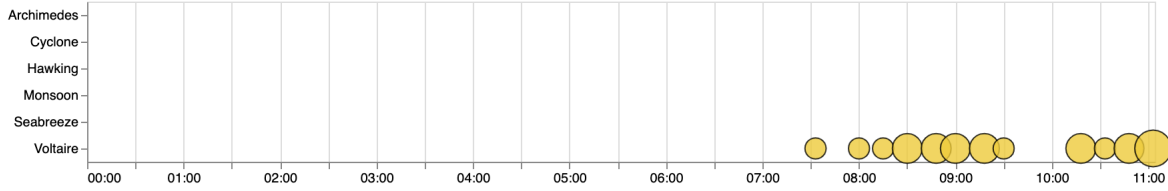


Sampled Polling Overlap of 2: kb: 6 x 8 GB; es: 1 x 16 GB



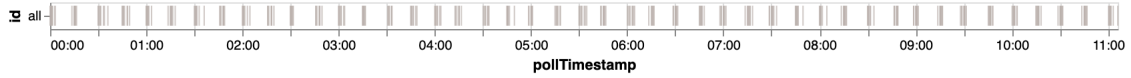


**Claim Conflicts p50 of 2: kb: 6 x 8 GB; es: 1 x 16 GB**



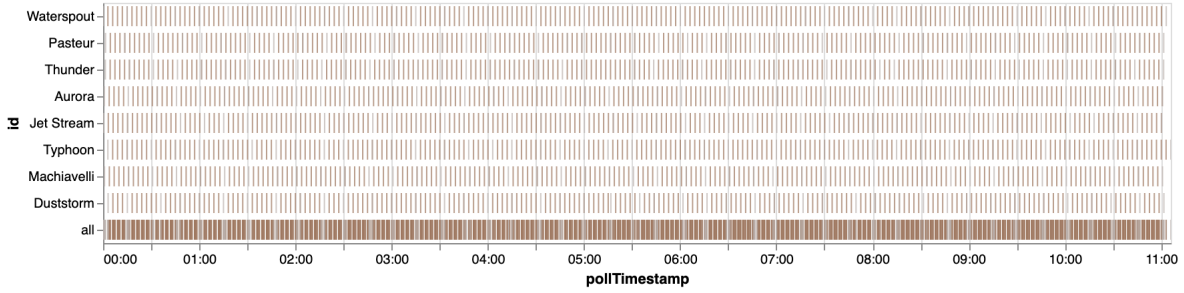
pollTimestamp

**Zoom Into Timeline of 3: kb: 8 x 8 GB; es: 1 x 32 GB**

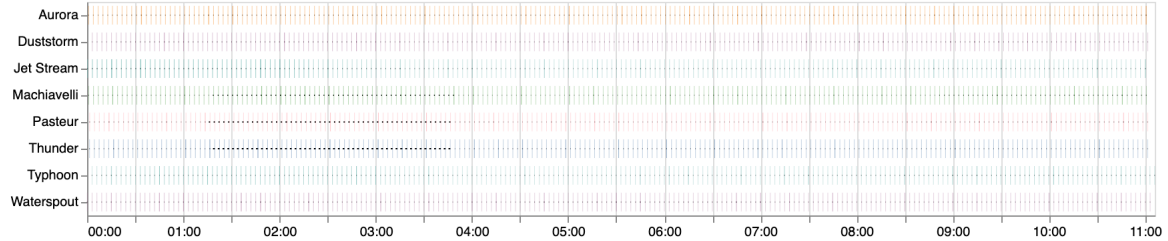


pollTimestamp

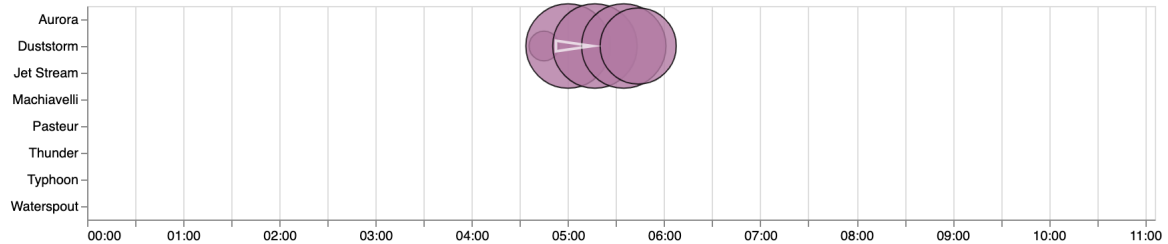
**Whole Timeline of 3: kb: 8 x 8 GB; es: 1 x 32 GB**



**Sampled Polling Overlap of 3: kb: 8 x 8 GB; es: 1 x 32 GB**

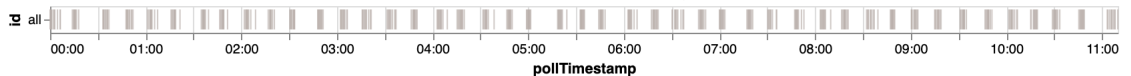


**Claim Conflicts p50 of 3: kb: 8 x 8 GB; es: 1 x 32 GB**



pollTimestamp

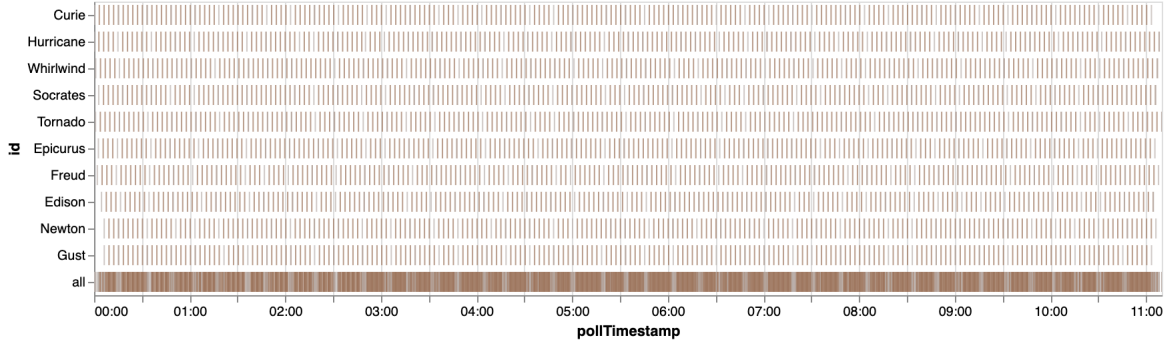
**Zoom Into Timeline of 4: kb: 10 x 8 GB; es: 1 x 64 GB**



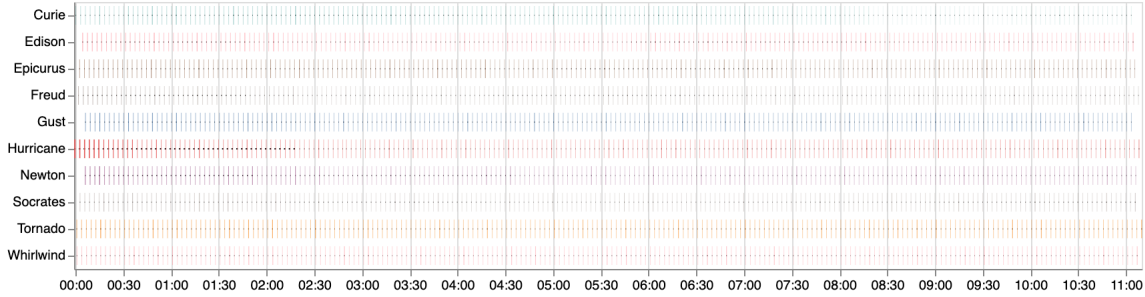
pollTimestamp



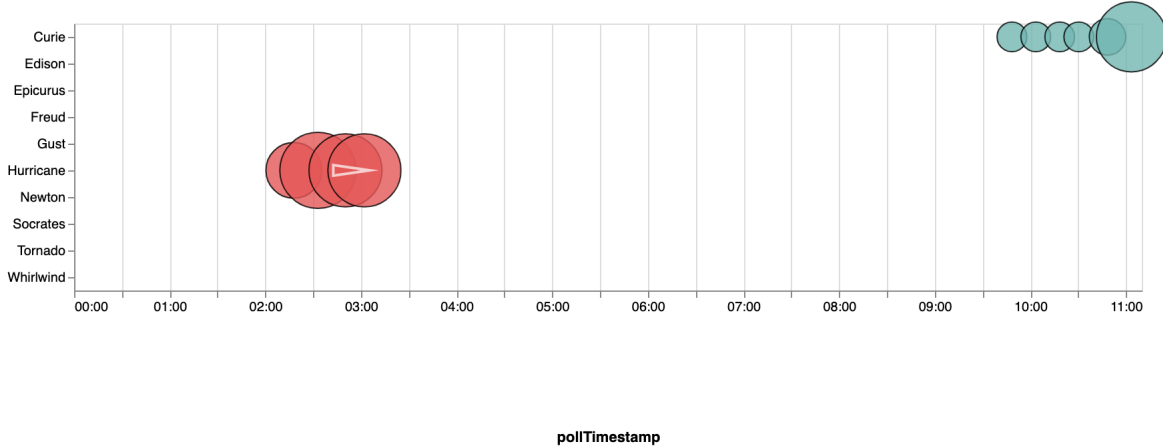
Whole Timeline of 4: kb: 10 x 8 GB; es: 1 x 64 GB



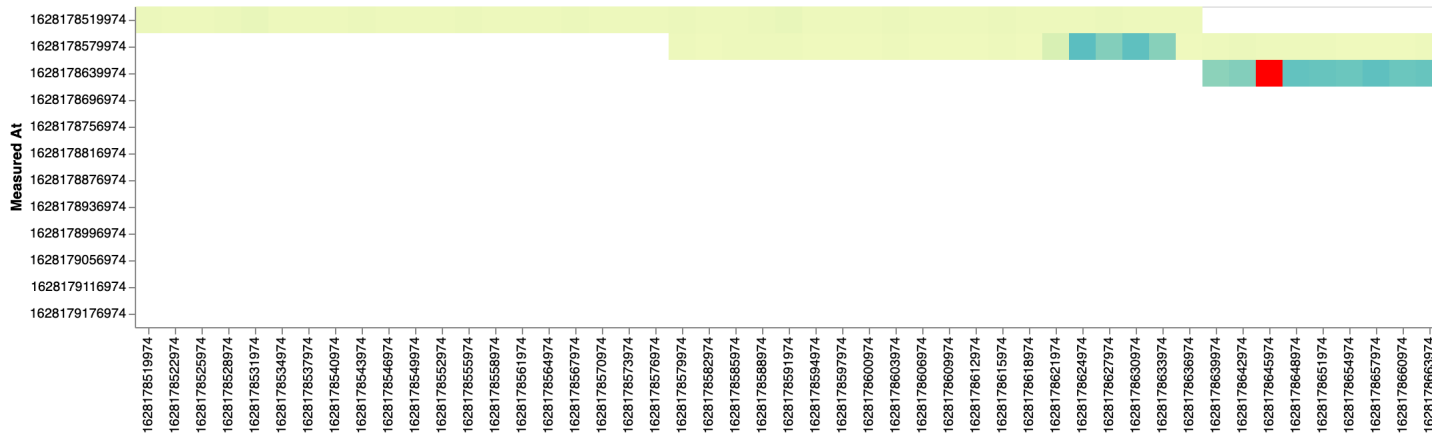
Sampled Polling Overlap of 4: kb: 10 x 8 GB; es: 1 x 64 GB



Claim Conflicts p50 of 4: kb: 10 x 8 GB; es: 1 x 64 GB



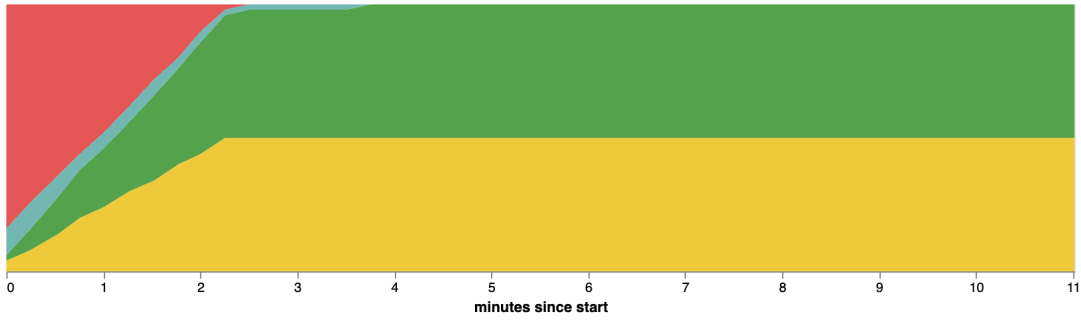
kibana Task Manager Schedule Density



kibana Task Manager Polling Results

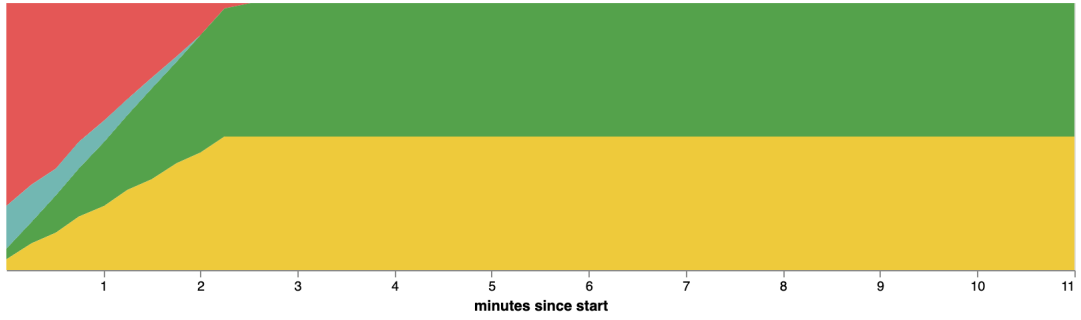
1628178519974 1628178579974 1628178639974 1628178696974 1628178756974 1628178816974 1628178876974 1628178936974 1628178996974 1628179056974 1628179116974 1628179176974

"Updratt" Polling Result throughout 1: kb: 4 x 8 GB; es: 1 x 8 GB

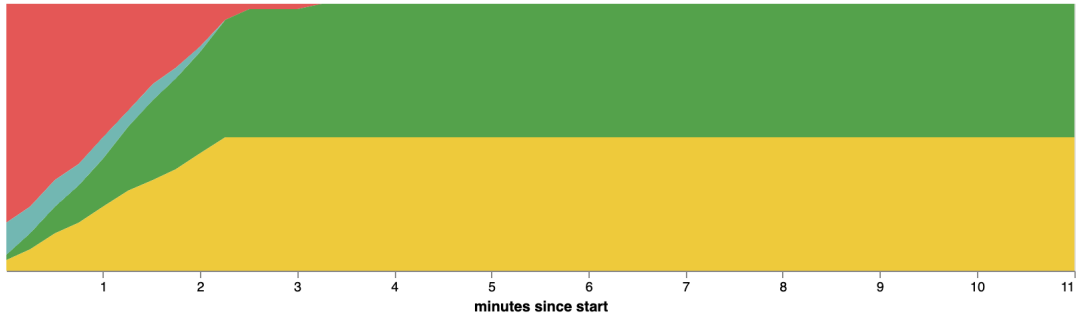


- Failed
- NoAvailableWorkers
- NoTasksClaimed
- PoolFilled
- RanOutOfCapacity
- RunningAtCapacity

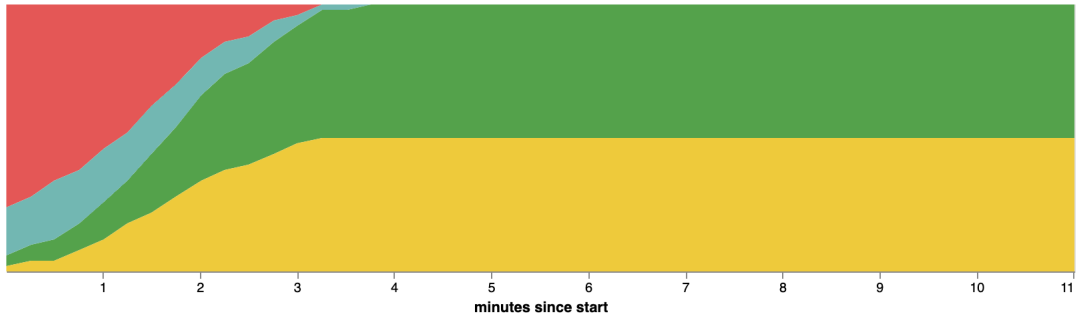
"Darwin" Polling Result throughout 1: kb: 4 x 8 GB; es: 1 x 8 GB



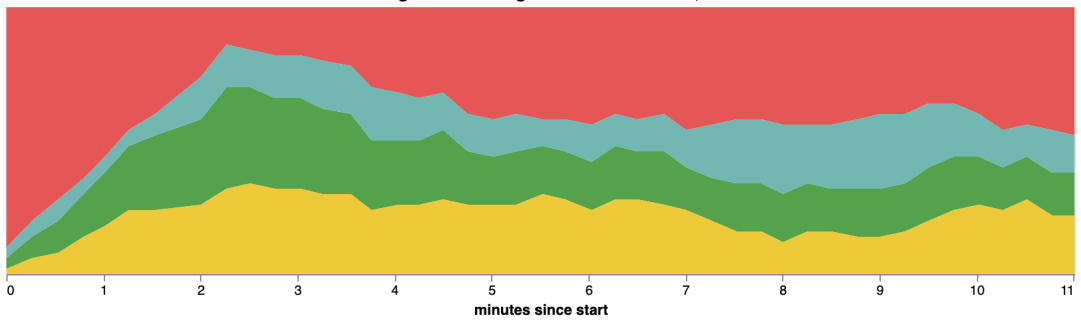
"Twister" Polling Result throughout 1: kb: 4 x 8 GB; es: 1 x 8 GB



"Blizzard" Polling Result throughout 1: kb: 4 x 8 GB; es: 1 x 8 GB

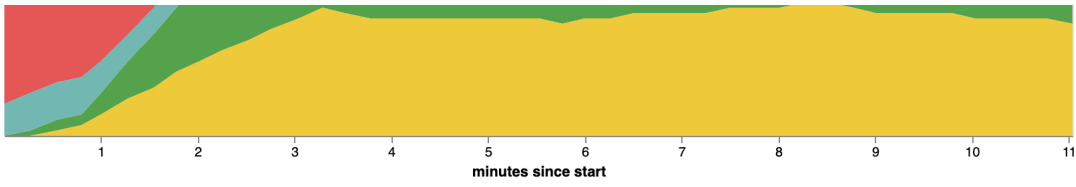


"Voltaire" Polling Result throughout 2: kb: 6 x 8 GB; es: 1 x 16 GB

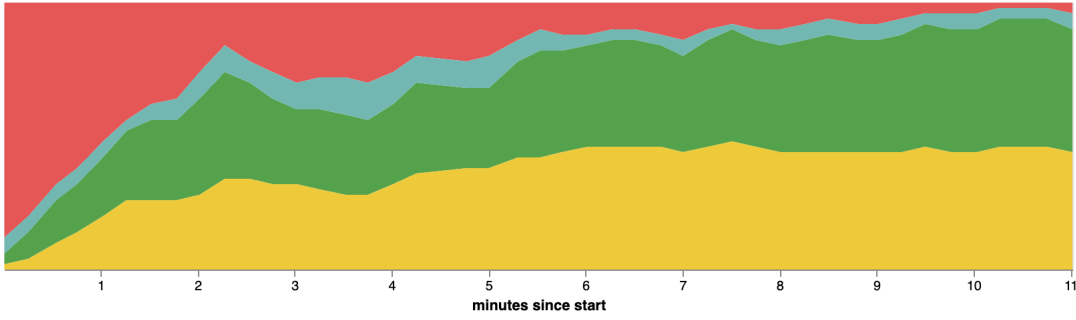


"Seabreeze" Polling Result throughout 2: kb: 6 x 8 GB; es: 1 x 16 GB

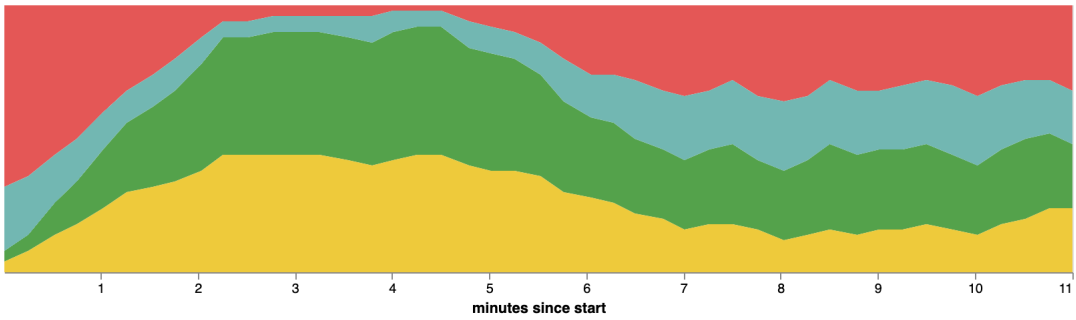




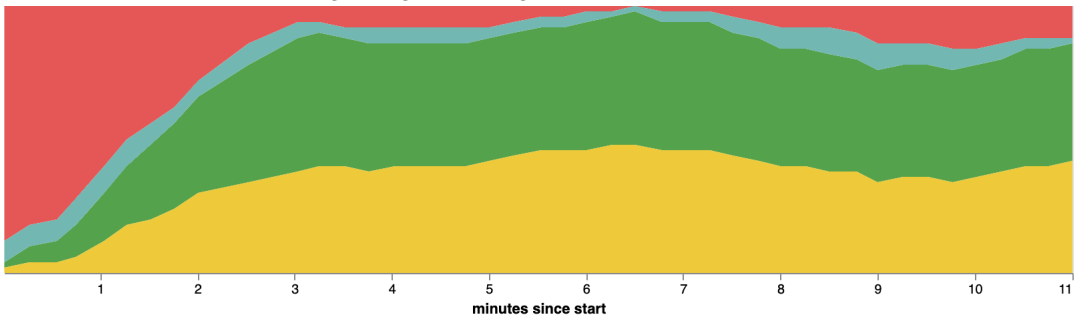
"Cyclone" Polling Result throughout 2: kb: 6 x 8 GB; es: 1 x 16 GB



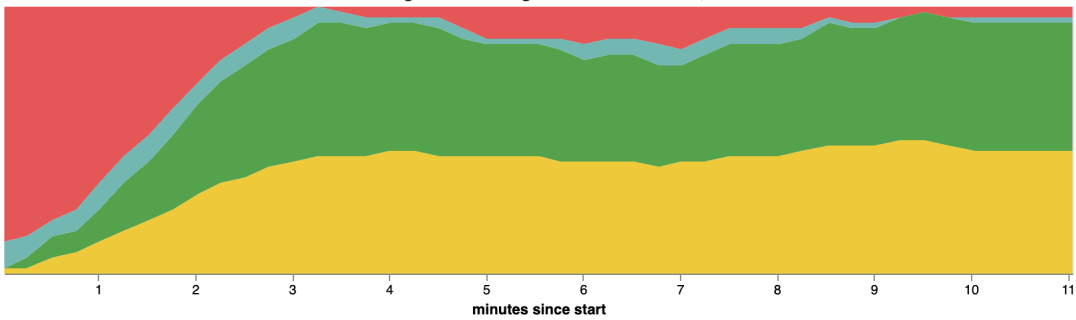
"Archimedes" Polling Result throughout 2: kb: 6 x 8 GB; es: 1 x 16 GB



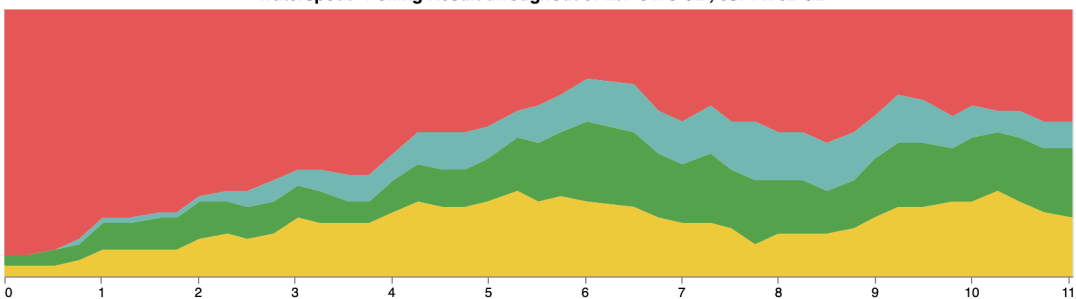
"Hawking" Polling Result throughout 2: kb: 6 x 8 GB; es: 1 x 16 GB



"Monsoon" Polling Result throughout 2: kb: 6 x 8 GB; es: 1 x 16 GB

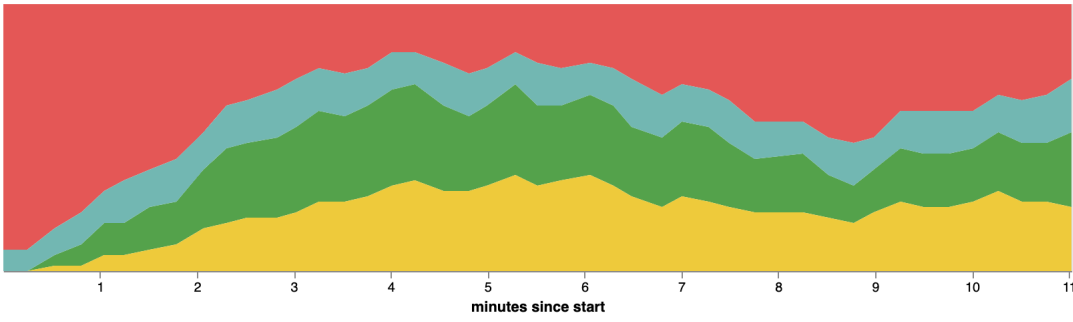


"Waterspout" Polling Result throughout 3: kb: 8 x 8 GB; es: 1 x 32 GB

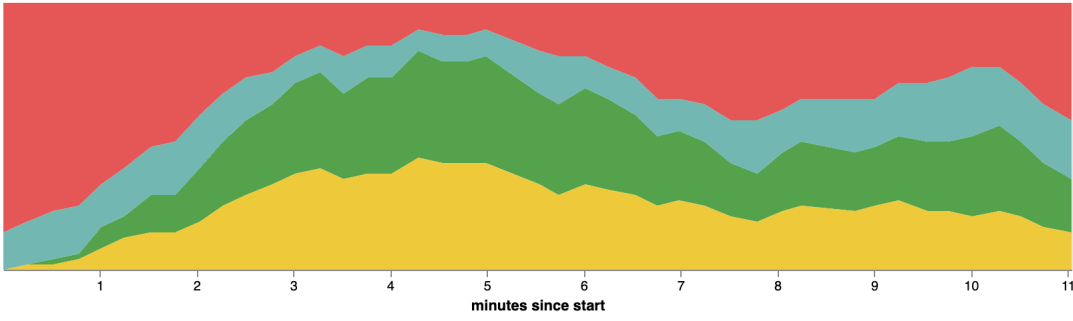


minutes since start

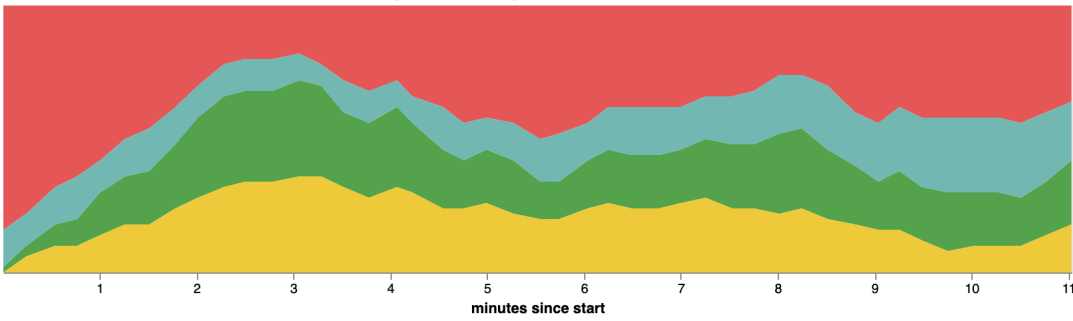
"Pasteur" Polling Result throughout 3: kb: 8 x 8 GB; es: 1 x 32 GB



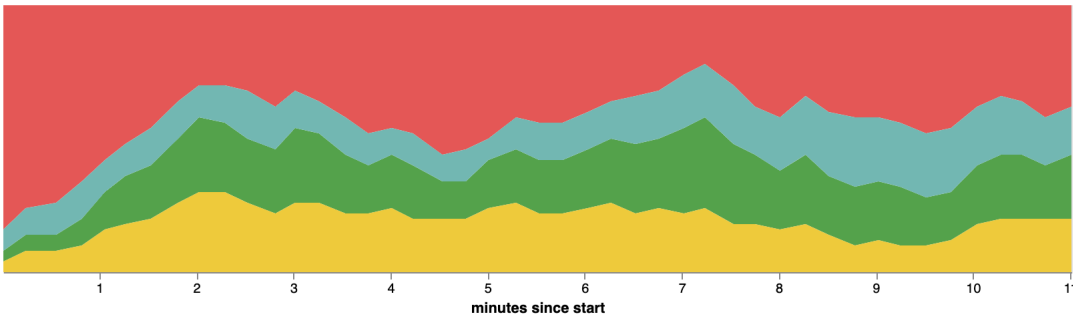
"Thunder" Polling Result throughout 3: kb: 8 x 8 GB; es: 1 x 32 GB



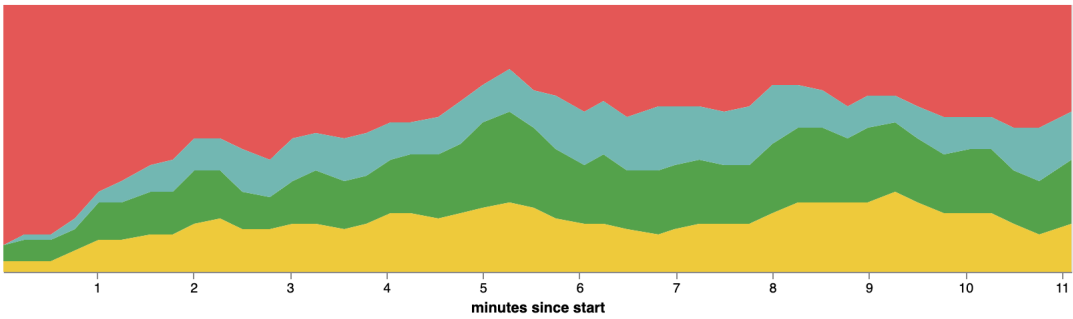
"Aurora" Polling Result throughout 3: kb: 8 x 8 GB; es: 1 x 32 GB



"Jet Stream" Polling Result throughout 3: kb: 8 x 8 GB; es: 1 x 32 GB

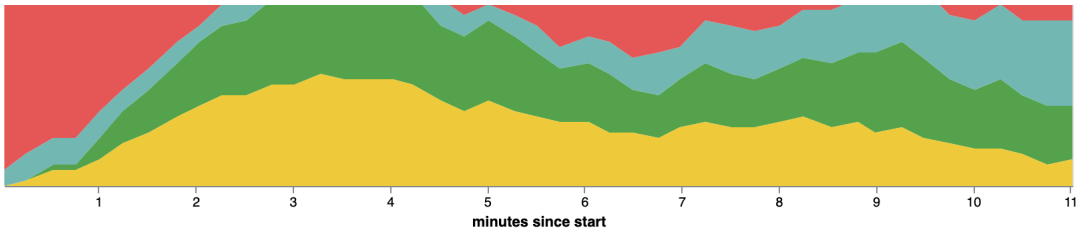


"Typhoon" Polling Result throughout 3: kb: 8 x 8 GB; es: 1 x 32 GB

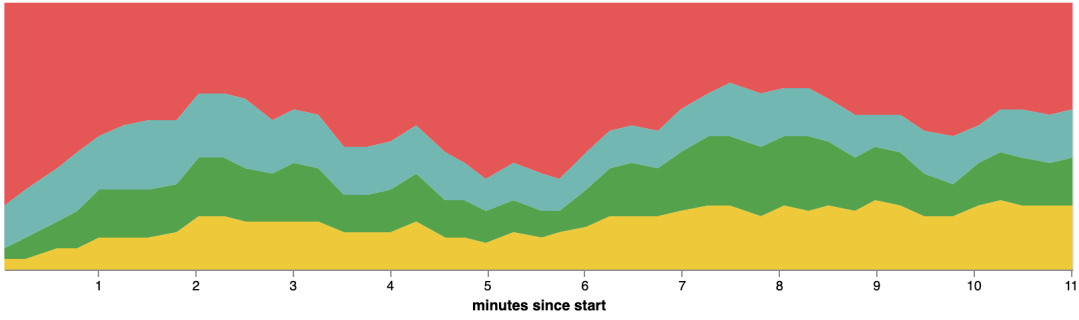


"Machiavelli" Polling Result throughout 3: kb: 8 x 8 GB; es: 1 x 32 GB

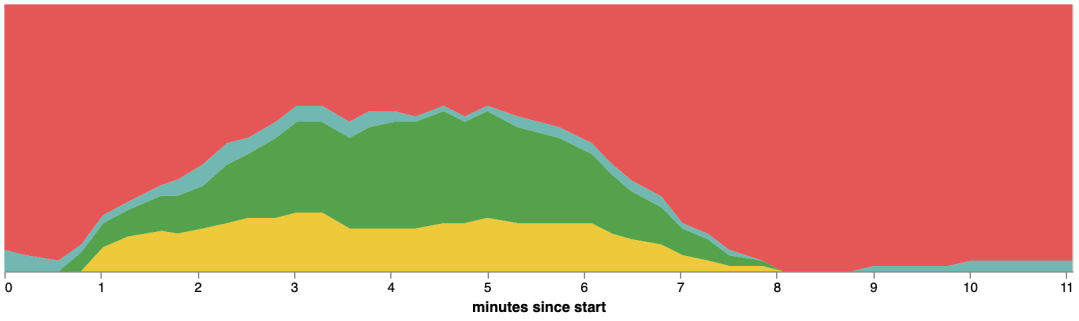




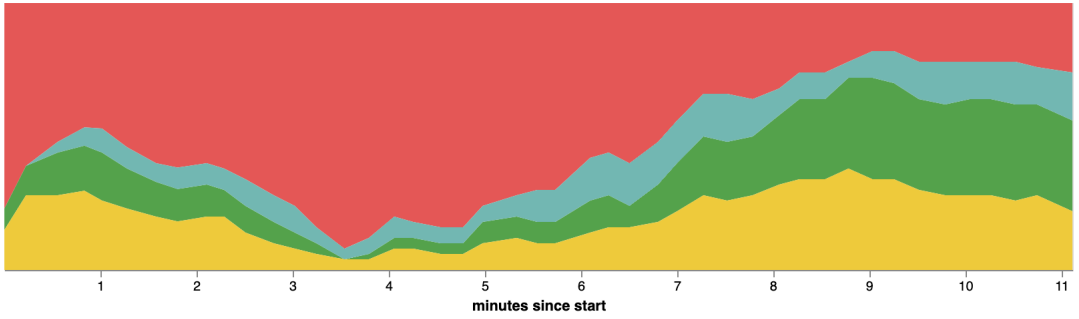
**"Duststorm" Polling Result throughout 3: kb: 8 x 8 GB; es: 1 x 32 GB**



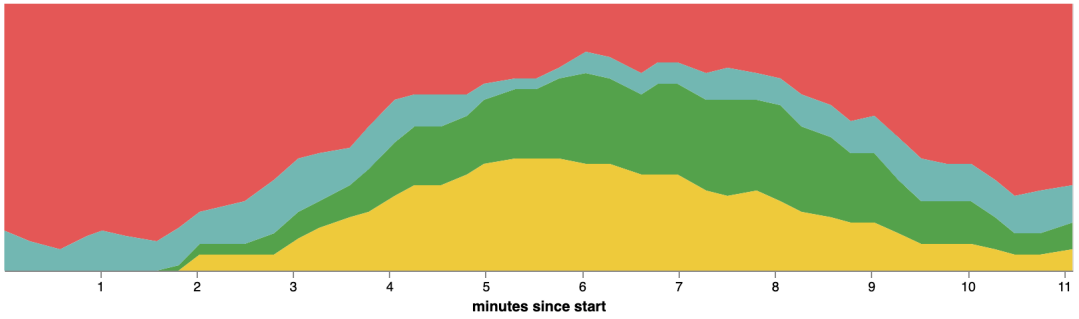
**"Curie" Polling Result throughout 4: kb: 10 x 8 GB; es: 1 x 64 GB**



**"Hurricane" Polling Result throughout 4: kb: 10 x 8 GB; es: 1 x 64 GB**



**"Whirlwind" Polling Result throughout 4: kb: 10 x 8 GB; es: 1 x 64 GB**

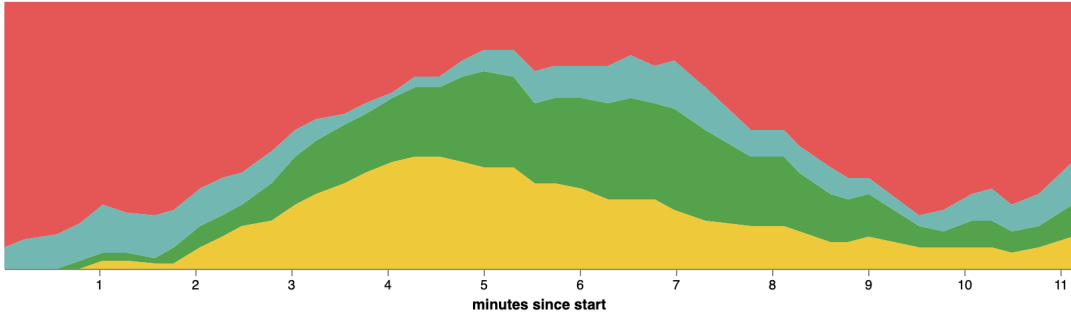


**"Socrates" Polling Result throughout 4: kb: 10 x 8 GB; es: 1 x 64 GB**

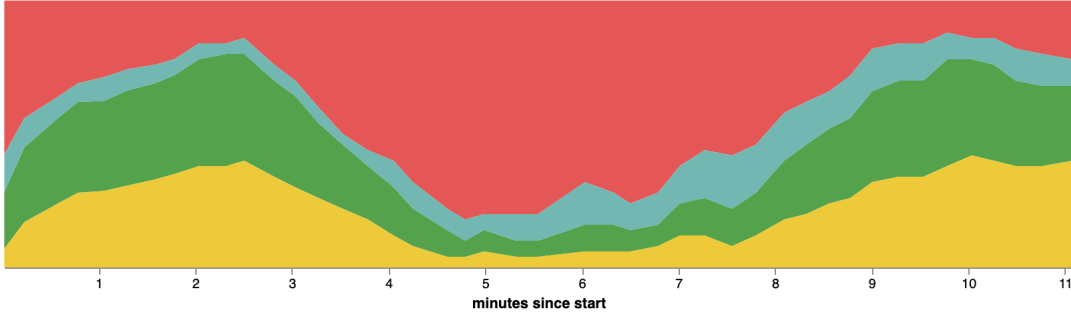




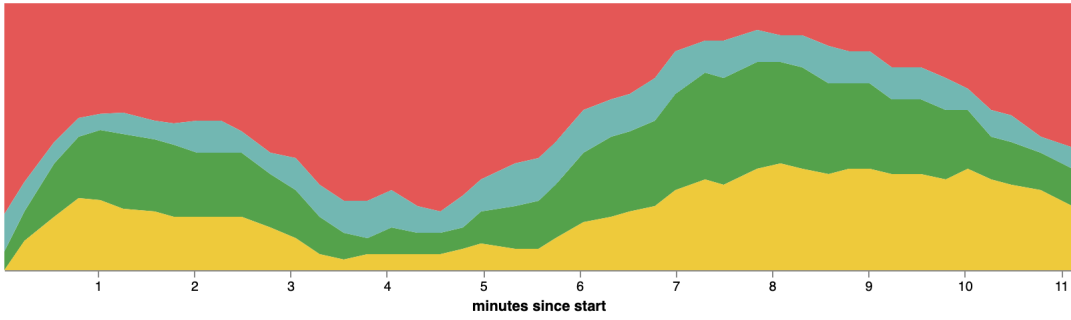
**"Tornado" Polling Result throughout 4: kb: 10 x 8 GB; es: 1 x 64 GB**



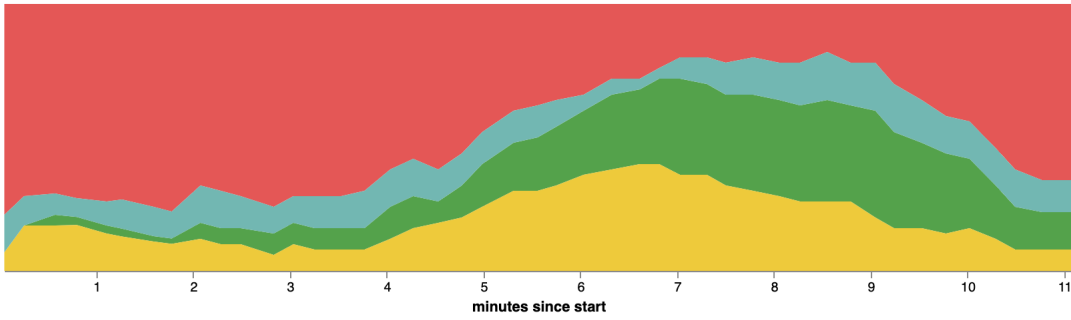
**"Epicurus" Polling Result throughout 4: kb: 10 x 8 GB; es: 1 x 64 GB**



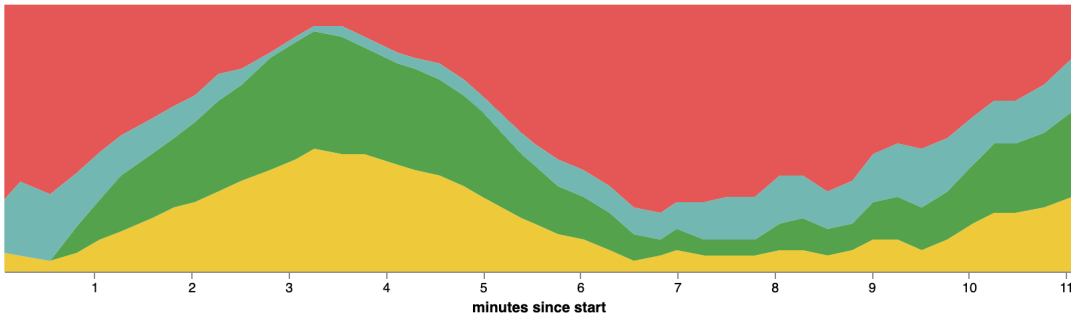
**"Freud" Polling Result throughout 4: kb: 10 x 8 GB; es: 1 x 64 GB**



**"Edison" Polling Result throughout 4: kb: 10 x 8 GB; es: 1 x 64 GB**

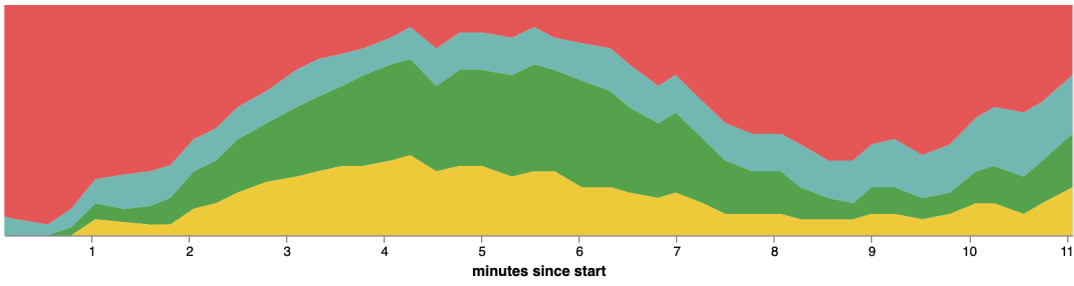


**"Newton" Polling Result throughout 4: kb: 10 x 8 GB; es: 1 x 64 GB**



**"Gust" Polling Result throughout 4: kb: 10 x 8 GB; es: 1 x 64 GB**





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