PERFOMINER

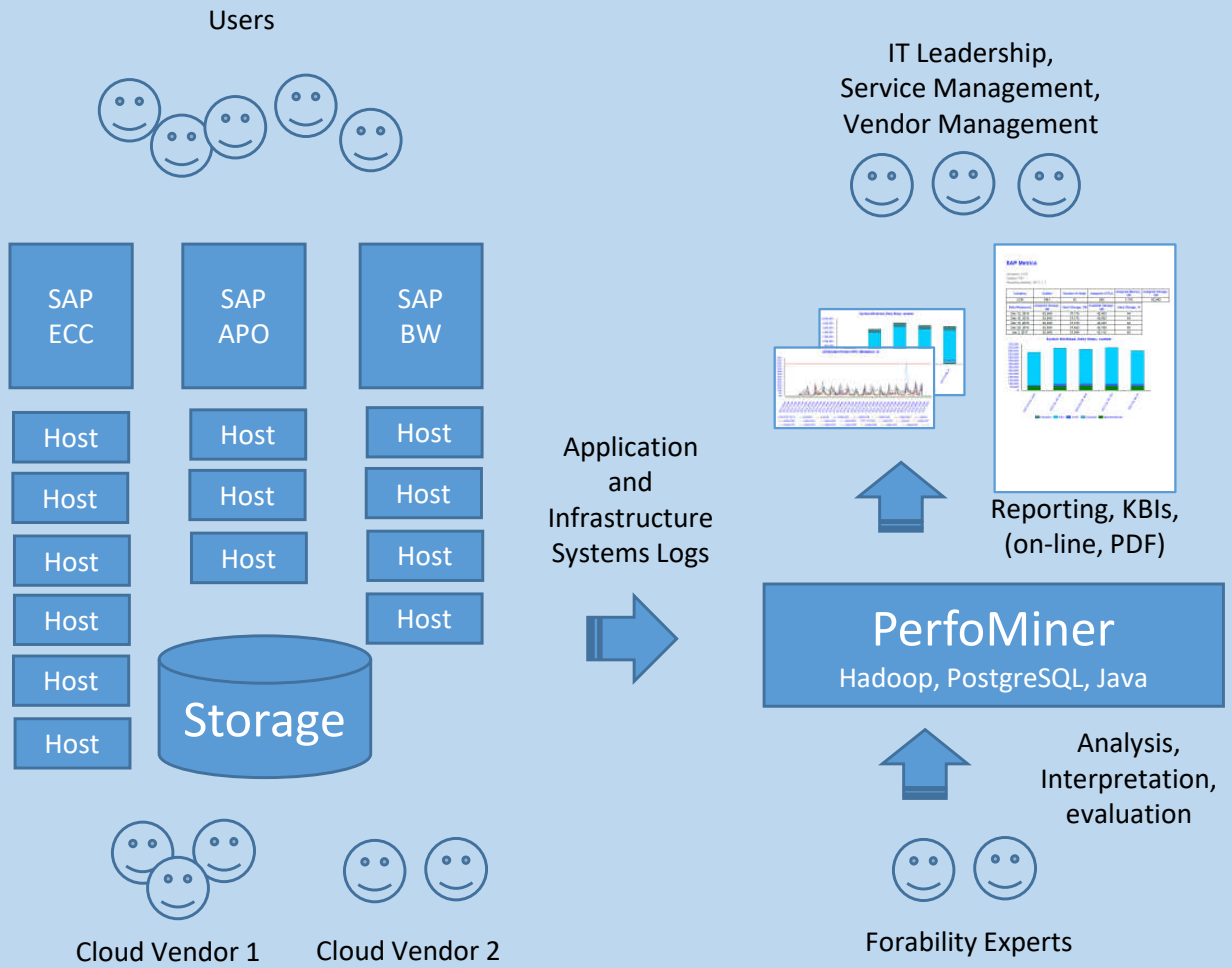
PerfoMiner - a supporting tool for systems management at Forability

v2

What is PerfoMiner?

PERFOMINER

- A system that supports our service of Systems Performance Management
- Collects performance & utilization related log data from applications and infrastructure
- Processes the logs into relevant data suitable for reporting and presents it in a form of graphs and reports
- IT Leadership receive comprehensive and factual view of the current and expected status of their systems in relation to systems Performance and Infrastructure utilization (cost relevant !)
- Helps to sustain and improve user experience
- Helps manage vendor relationships including briefing vendors about customer landscape and infrastructure volume and status
- Beneficial for audit compliance



Benefits

PERFOMINER

- *You know your system performance levels at any moment, including historical view (can be years). You know your performance compared to worldwide best practises and customer specific users acceptable thresholds.*
- *You know how Infrastructure is being used/utilized (CPU, Memory, Storage, optionally also Network). It helps you manage and optimize your Infrastructure cost during time.*
- *You can see and make relations between Infrastructure usage / performance capabilities and the achieved systems Performance. Can be followed historically how change in Infra layer impacts performance levels. Provides capabilities in tuning your cost/performance ratio.*
- *You get your production landscape overview at one place, including used platforms, systems and Infrastructure volume. Perfect for audit review or briefing external vendors.*
- *The system is highly customizable in terms of new functions and reporting formats, so you can benefit of specific reports needed for its specific situations.*

Technology

PERFOMINER

- *Fully Open Source*
  - *Linux, , KVM, PostgreSQL, Hadoop, Java, Liferay*
- *Hosted in the private cloud of Forability Ltd*
- *Data collection by Linux scripts, no agents*

Screenshots

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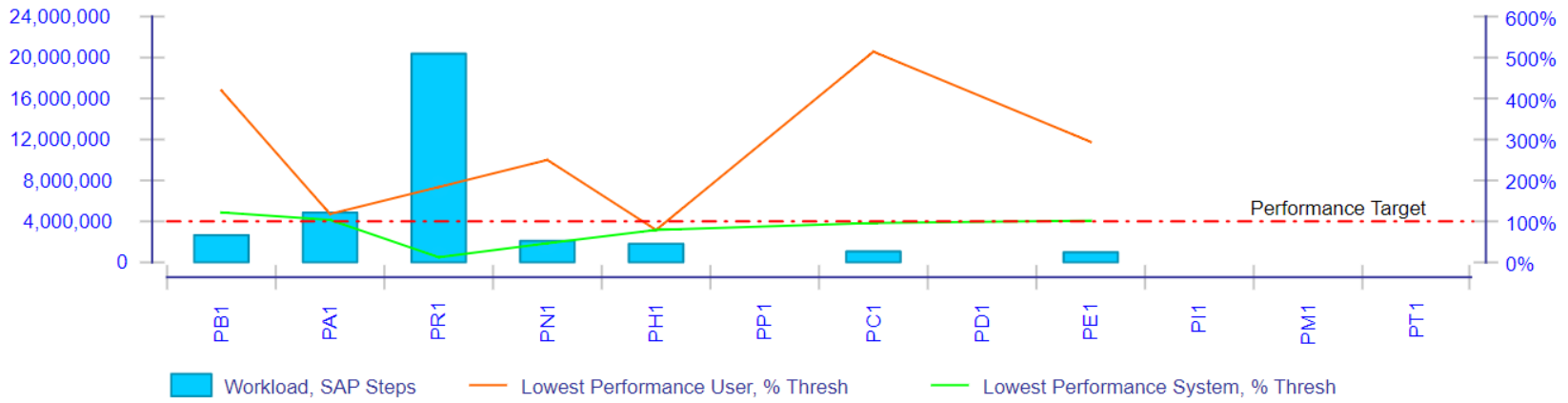
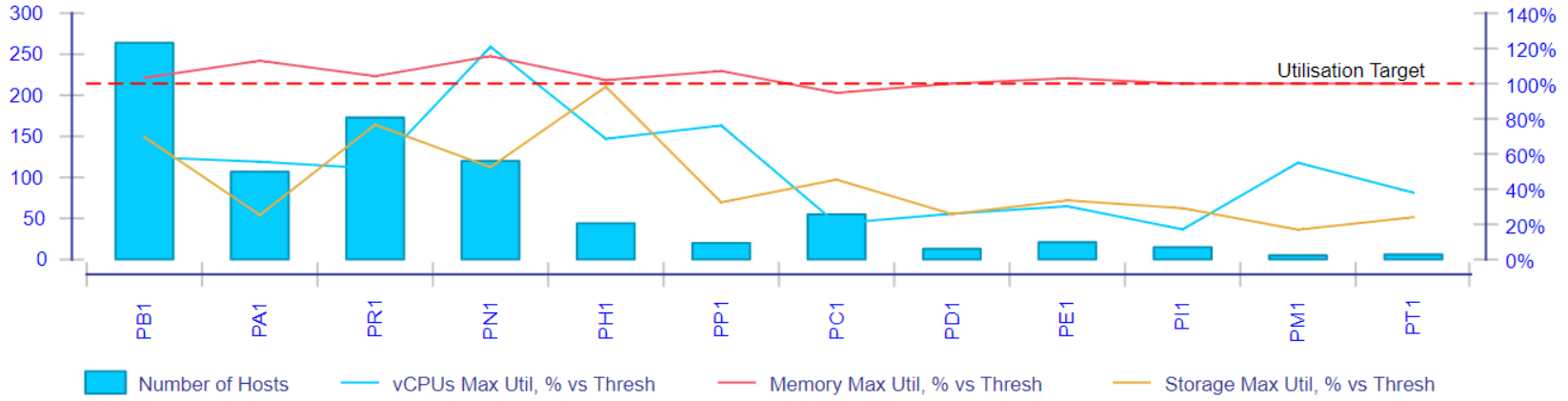
My Sites 0 Dimitar Merakov

Systems Workload and Lowest Performance this week



Allocated vCPUs and Maximum Utilisation per System this week



40	2017-10-02
39	2017-09-25
38	2017-09-18
37	2017-09-11
36	2017-09-04
35	2017-08-28
34	2017-08-21
33	2017-08-14
32	2017-08-07
31	2017-07-31
30	2017-07-24
29	2017-07-17
27	2017-07-03
26	2017-06-26
25	2017-06-19
24	2017-06-12
22	2017-05-29
21	2017-05-22
20	2017-05-15
19	2017-05-08
17	2017-04-24
16	2017-04-17
15	2017-04-10
14	2017-04-03
13	2017-03-27
12	2017-03-20
11	2017-03-13

Screenshots

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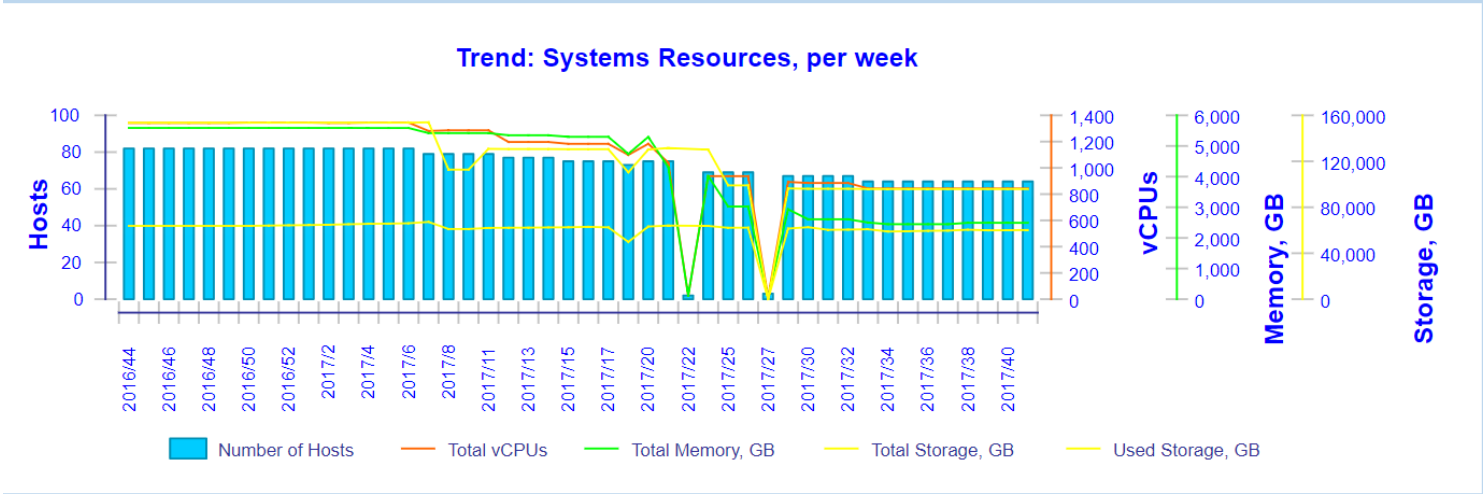

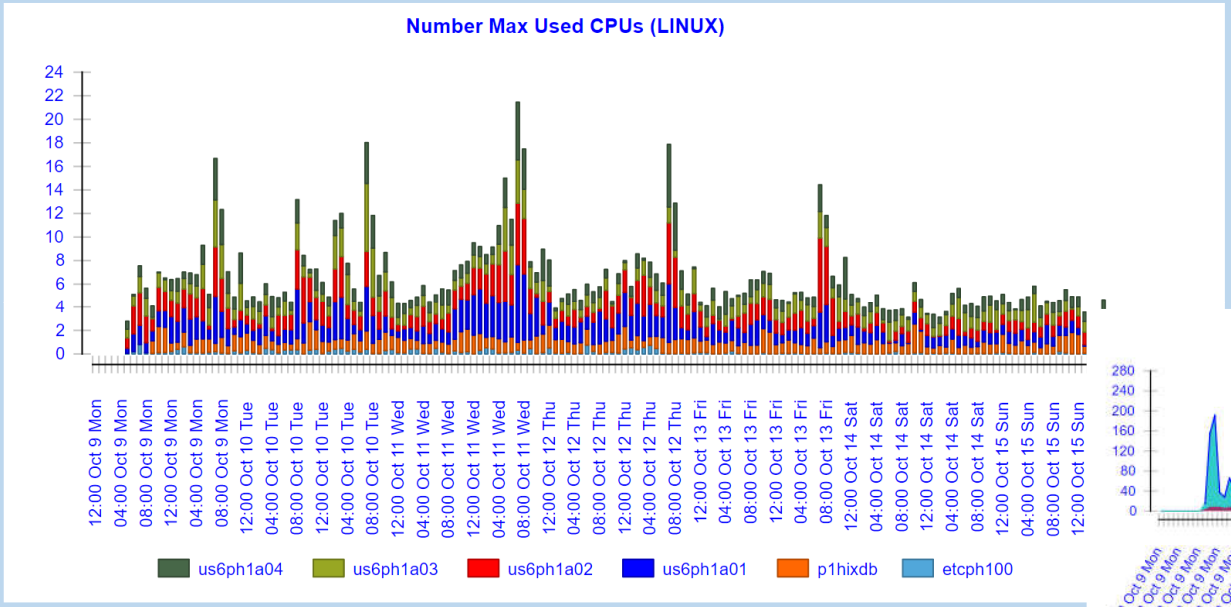

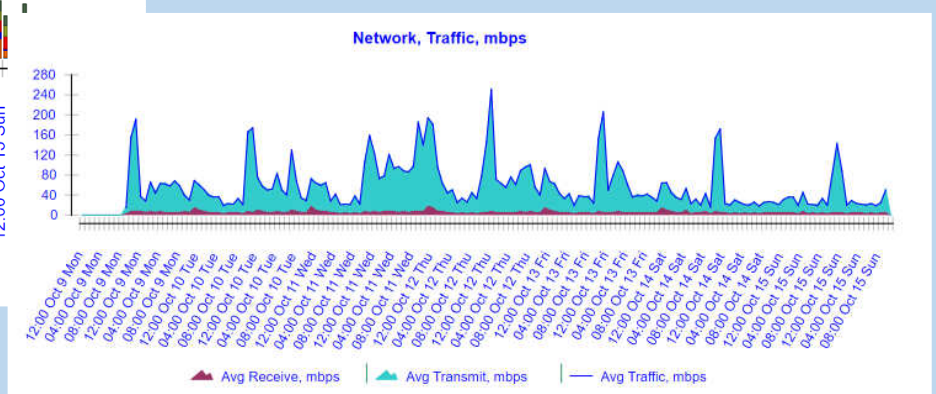

Forability, Intelligent Systems Management

Screenshots

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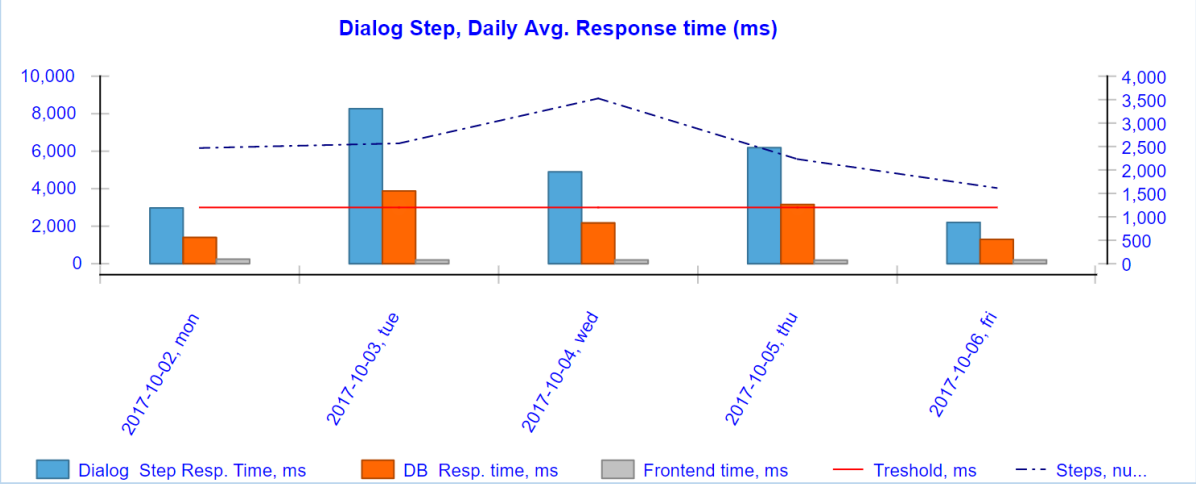

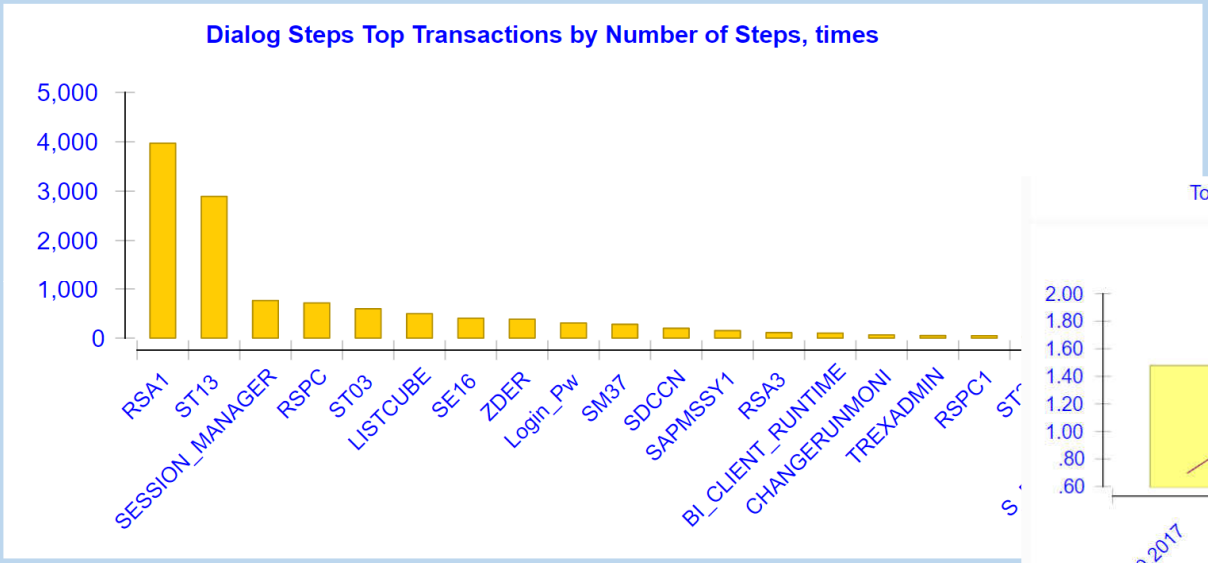

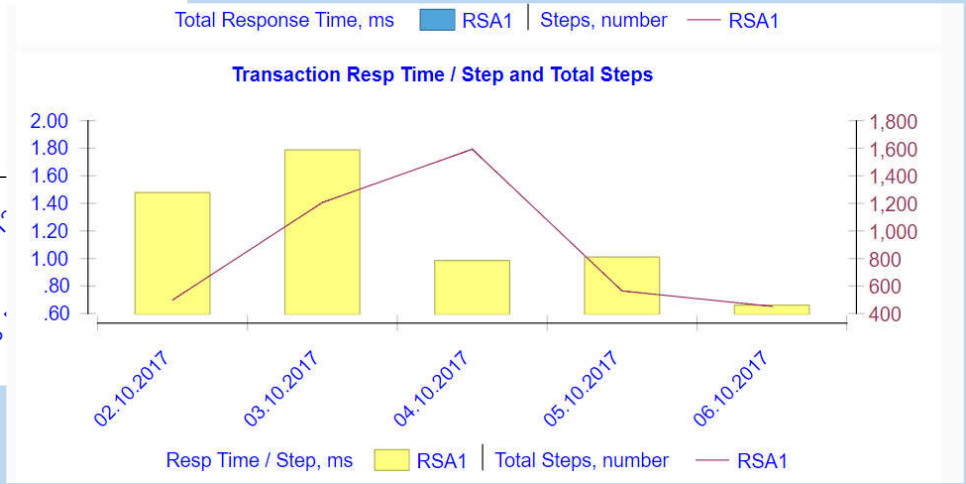

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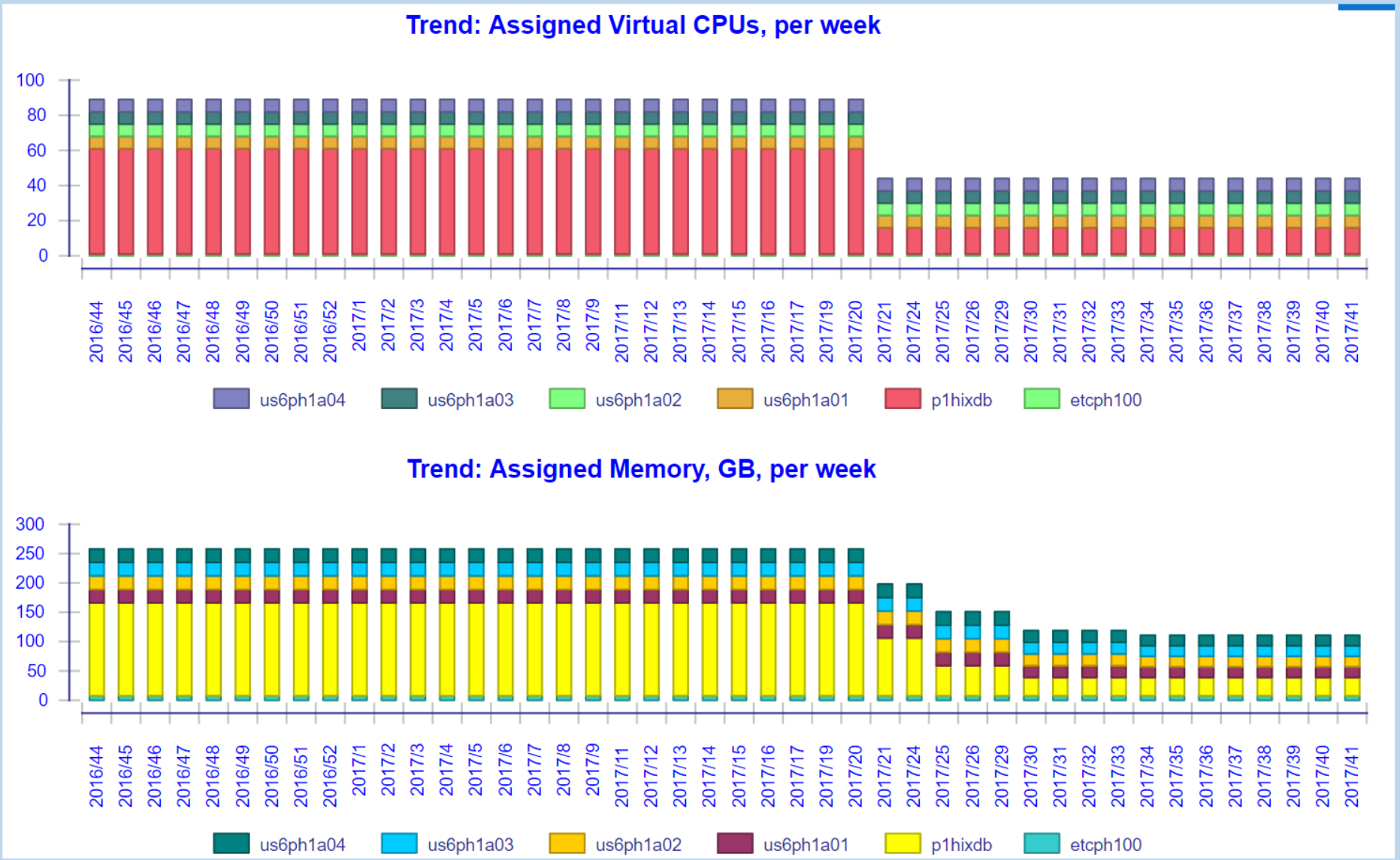

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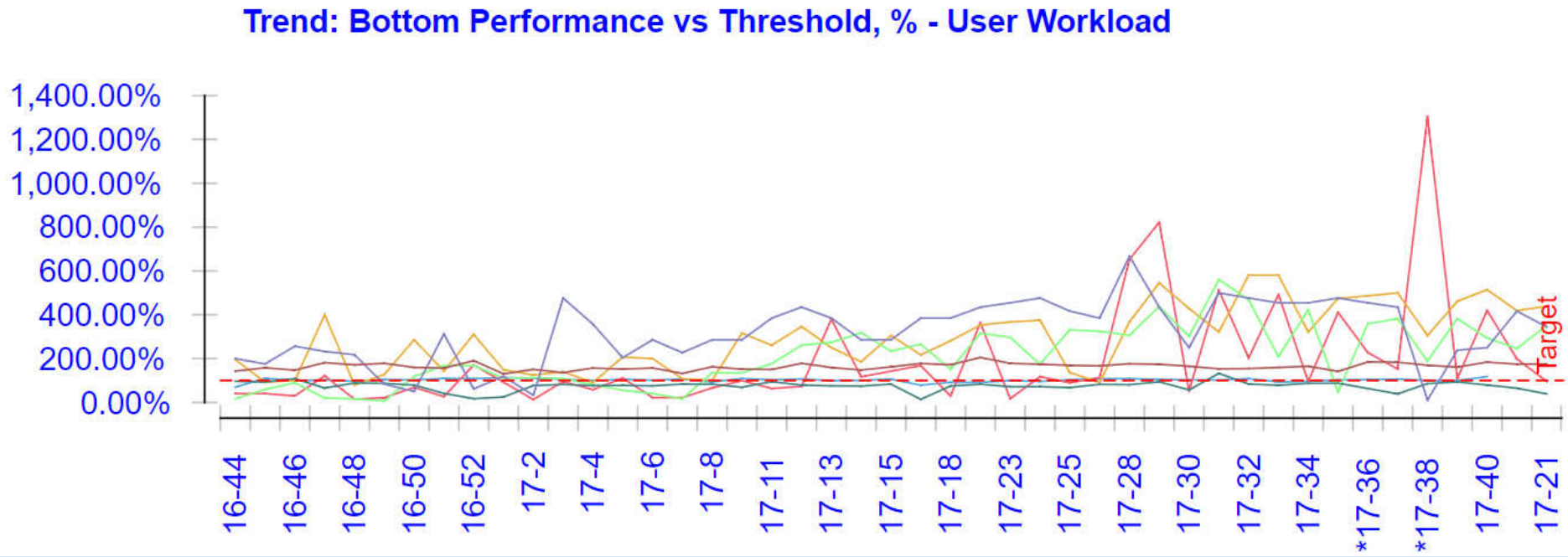
Bottom Average Daily Performance vs Threshold, %						
System	Measure	Week 1	Week 2	Week 3	Week 4	Week 5
		35	36	37	38	39
PA1-APO-System	1-User workload	102.91%	103.98%	106.33%	100.39%	99.18%
	2-System workload	102.91%	103.98%	106.33%	100.39%	99.18%
PB1-BW-System	1-User workload	410.96%	227.27%	152.28%	1304.35%	108.50%
	2-System workload	107.97%	123.81%	141.00%	122.64%	43.26%
PC1-CRM-System	1-User workload	473.68%	486.49%	500.00%	305.08%	461.54%
	2-System workload	105.77%	97.83%	91.61%	121.01%	88.58%
PR1-ECC-System	1-User workload	141.44%	184.84%	183.49%	169.49%	161.03%
	2-System workload	6.49%	3.03%	7.15%	5.55%	3.30%
PH1-HR-System	1-User workload	87.72%	0.00%	38.92%	85.84%	93.90%
	2-System workload	87.72%	0.00%	38.92%	85.84%	93.90%
PN1-SNP-System	1-User workload	476.19%	454.55%	434.78%	10.36%	238.10%
	2-System workload	71.26%	69.32%	65.13%	10.36%	66.50%
PE1-SRM-System	1-User workload	47.24%	359.28%	382.17%	188.09%	382.17%
	2-System workload	47.24%	104.02%	102.88%	92.54%	102.95%