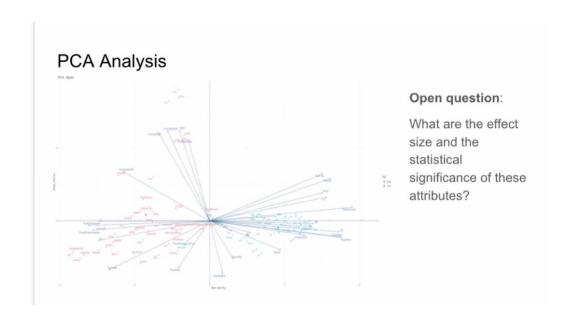
## NCAP DISCUSSION GROUP MEETING: 10 MARCH 2021

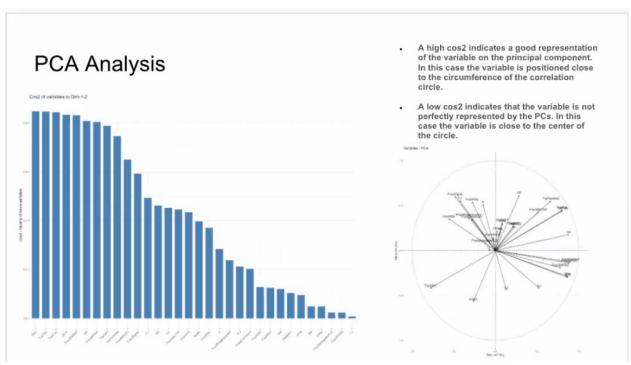
- 1. Welcome and roll call
- 2. Update to SOI
- 3. Name Collision Data Analysis Update:

https://docs.google.com/presentation/d/1MQEgOEDBP0\_dJMnilwV10AsDPmeifUn6X0OHJGYb LXM/edit#slide=id.gc5ba7e504d\_0\_64 [docs.google.com]

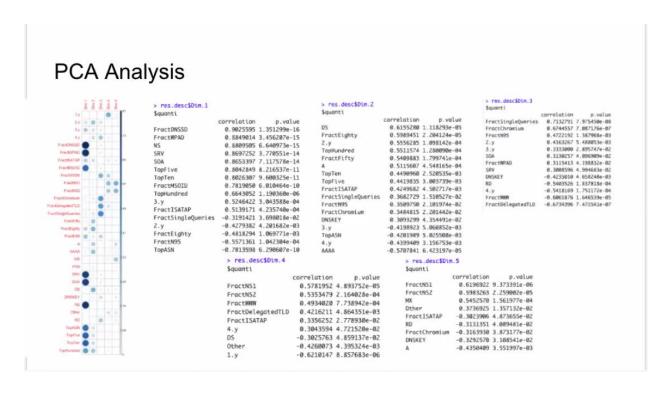
- 4. Question 2, 3, and 10 volunteers
- 5. AOB

https://docs.google.com/presentation/d/1MQEgOEDBP0\_dJMnilwV10AsDPmeifUn6X0OHJGYb LXM/edit#slide=id.p





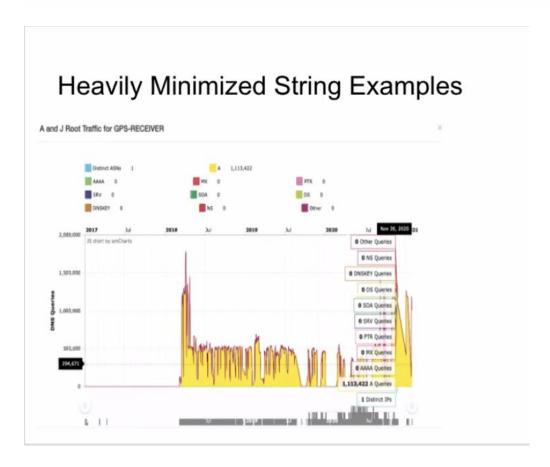
How much of a variance is that metric covering for the data points in that data set



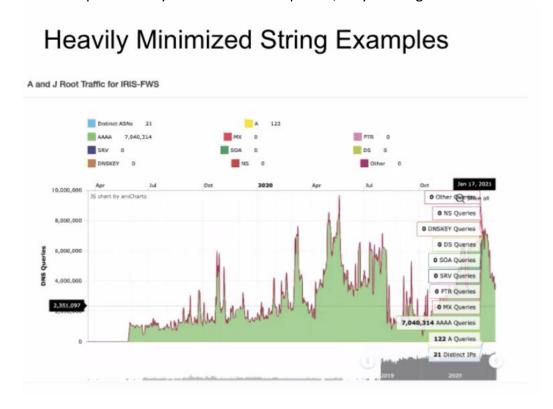
All p values are smaller than 0, so statistically significant

## Most Qname Minimized TLDs

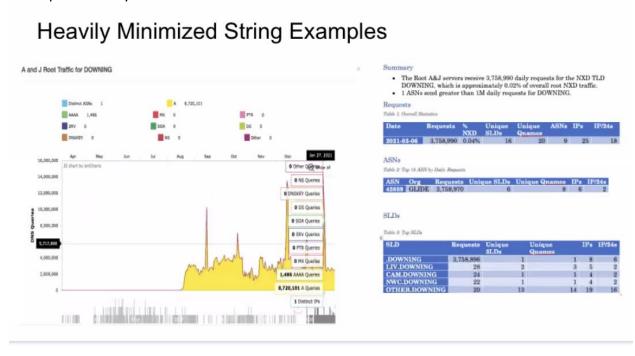
	TLD	SingleLabelCount	TotalCount	Percent
1:	gps-receiver.	1210257	1210257	100.00000
2:	v-1c.	1079872	1079872	100.00000
3;	iris-fms.	6588148	6588149	99.99998
4:	iconinc.	1404754	1404761	99.99950
5:	severn.	1497389	1497486	99.99886
6:	downing.	6066657	6066754	99.99840
7:	redis:6379.	1022740	1022774	99.99668
8:	uow.	2787203	2787351	99.99469
9:	unite.	16682914	16684235	99.99208
10:	_ta-4f66.	6685743	6687717	99.97848
11:	uca.	1712654	1714729	99.87899
12:	stratum+tcp://.	1749011	1753037	99.77034
13:	ruckuscontroller.	1590379	1594428	99.74605
14:	unifi.	6963577	6987651	99.65548
15:	zonedirector.	1213619	1218012	99.63933
16:	CFM.	1495492	1505884	99.30993
17:	arl.	2270879	2328146	97.54023
18:	nda-hclin-ns01.	1506763	1544961	97.52758
19:	blank.	1073416	1102877	97.3287
20:	dunmy.	2951073	3052640	96.67283
21:	eth0.	2601626	2790553	93.22976
22:	br0.	1291969	1498242	86.23233
23:	https.	976904	1137541	85.87857
24:	wpad.	2653661	3304725	80.29900
25:	wifi_router.	850608	1291815	65.84596
26:	http.	1009859	1623806	62.19087
27:	mail.	671308	1239585	54.15587
:85	j051m946.	1274397	2549009	49.99578
29:	j051m947.	1275186	2550623	49.99500
30:	chws5362.	607317	1214790	49.99358
	TLD	SingleLabelCount	TotalCount	Percent



1 million queries a day since 2018. All A queries, only coming from 1 IP address.

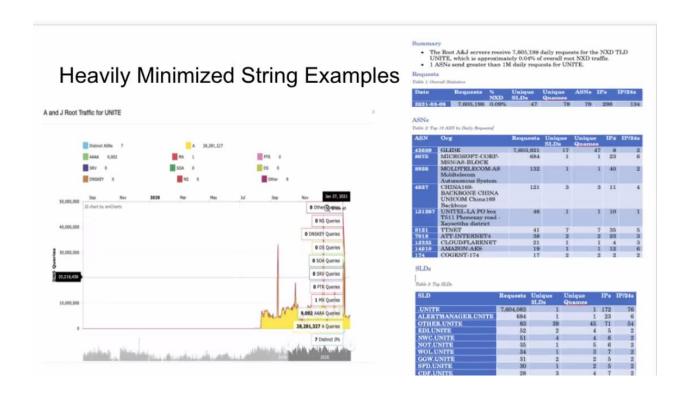


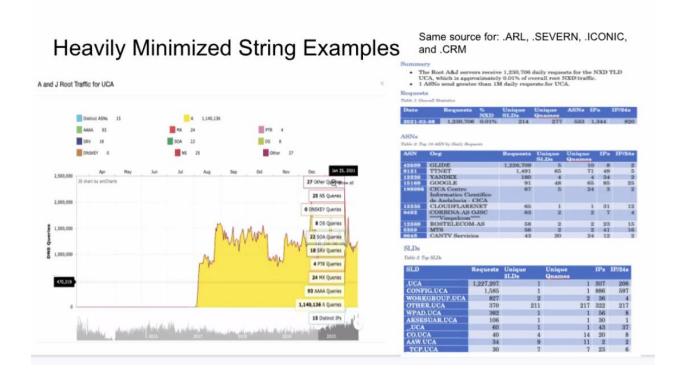
8 mil queries a day mid 2019 to A&J. consistent



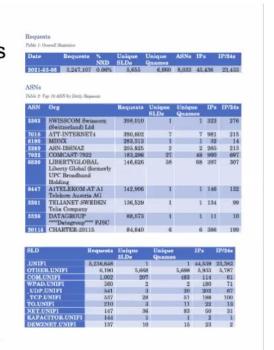
Vast majority of traffic is 1 single label, sending 3.75 mil queries daily from 1 ASN in UK, company Glide

https://glide.co.uk/about-us/#:~:text=The%20Glide%20group%20is%20the,%2C%20broadband%2C%20connectivity%20and%20communications





## 



## Outreach and Cleanup

- Currently in the process of conducting responsible disclosure to Glide. Anyone have a personal contact there?
- Seems like outreach based on data analysis is the best option for name collisions!

Rank	TLD	Existing TLD	Proposed TLD	Potential TLD
79	html			28,478
80	aya			27,72
81	my	25,482		
82	ak	25,063		
83	th	24,497		
84	fi	24,366		
85	tendaap			24,17
86	gateway			23,91
87	none			23,21
88	WS	22,178		
89	ph	21,451		
90	actdsltmp			21,15
91	server			20,67
92	pri			20,62
93	su	19,963		
94	intranet			19,90
95	ice		19,825	
96	pvt			19,63
97	1t	19,482		
98	la	19,226		
99	minihub			19,18
100	asus			18,87

Table 3-Number of existing, proposed, and potential TLD strings in TLD position (2013)

Capture analysis – continue doing this type of analysis in event that hyprlocal root service becomes abundant and what is desireable to enable this analysis with hyperlocal root service? Bring to DNSOARK

JOHN KRISTOFF