

SDCC Network Operations Status Report (Jan 23, 2020)

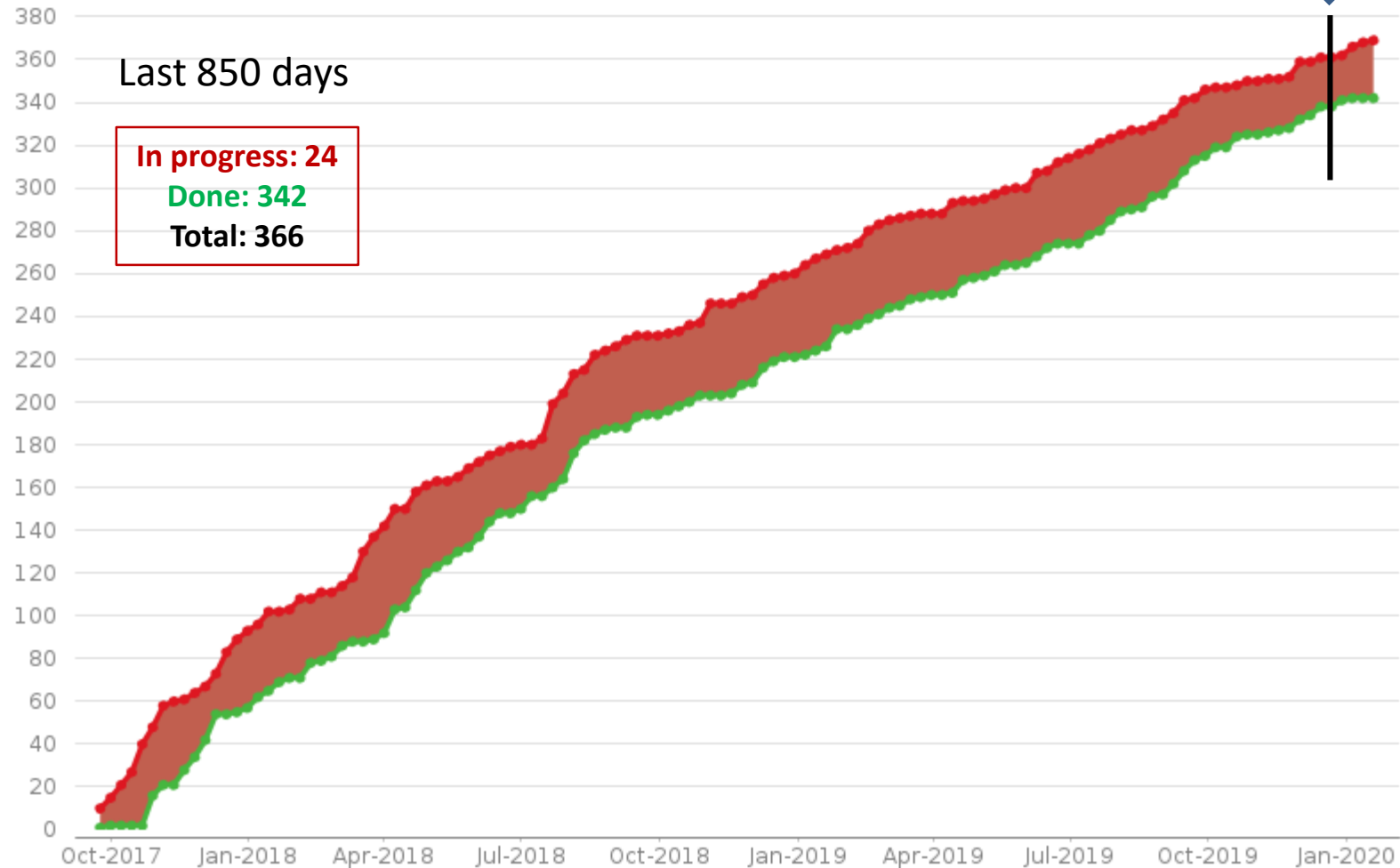
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Project: SDCC Network Operations & Interventions

Chart

Previous Report

This chart shows the number of issues **created** vs. the number of issues **resolved** in the last 850 days.

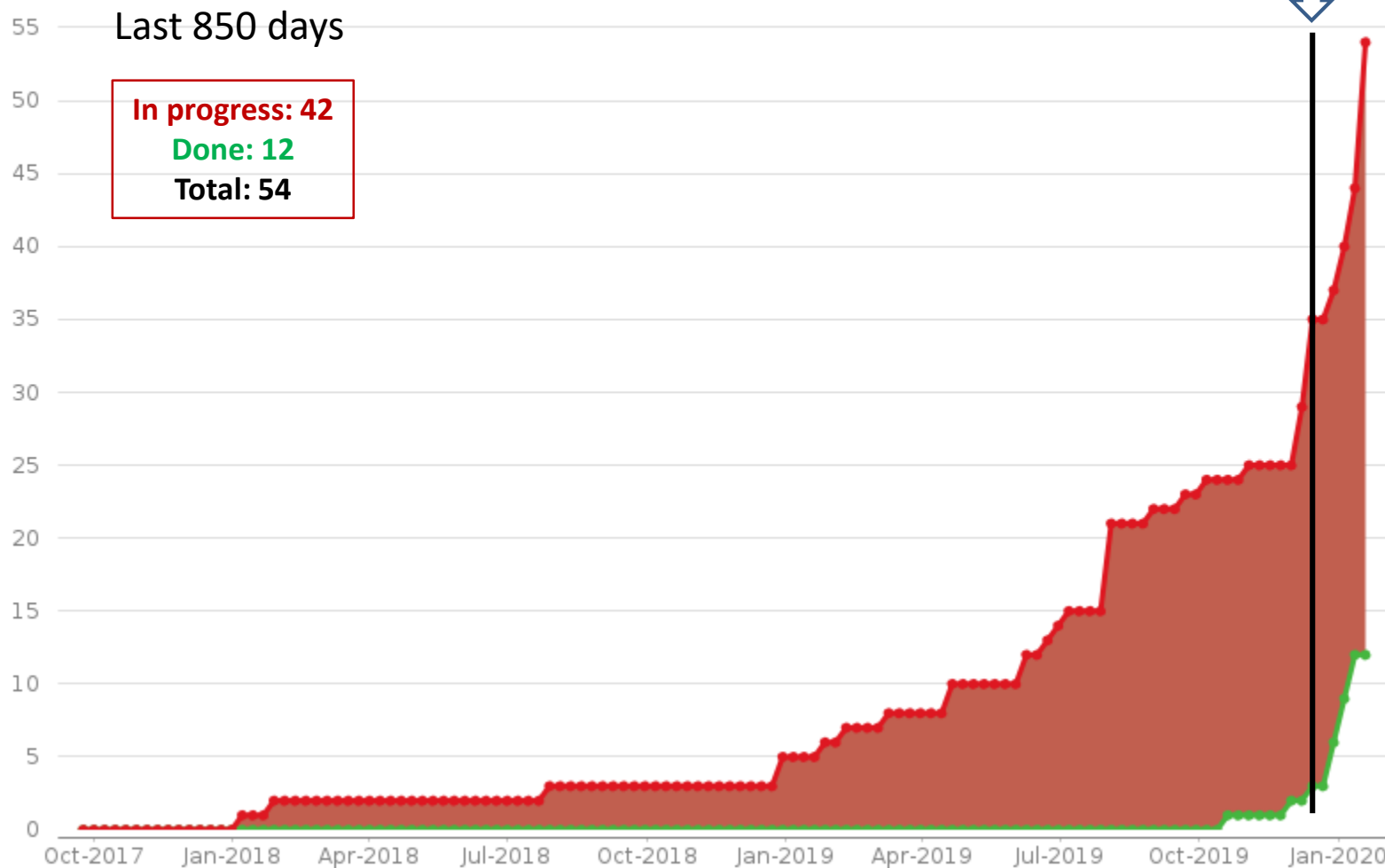


Project: SDCC Datacenter B515/B725 Transition (CY20-23)

Chart

This chart shows the number of issues **created** vs. the number of issues **resolved** in the last 850 days.

Previous Report



Ongoing/Upcoming Interventions and Equipment Deployment/Retirement Operations

- The new B515 SciCore equipment is being purchased and expected to be delivered on site next week already (2x Arista 7500R3 chassis + linecards + transceivers)
 - The SMF termination of the last mile of the B725/B515 interbuilding link will be performed once the new fiber conduits are deployed in the B515 basement connecting CDCE and Lab C
 - Construction is to start shortly; the expected completion date is Jun 1, 2020
 - The SMF fiber placement and termination is to be performed by the ITD/Telco in Jun-Jul 2020
- The central network equipment for B725 datacenter is being purchased (10x Arista 7500R3 chassis + minimum set of linecards and transceivers) and expected to be delivered on site in Mar 2020 and to be deployed for production in B725 in Oct-Nov 2020
 - All the equipment is to be pre-deployed in the newly commissioned racks 17-[5-7] in BCF before migrating it to B725 in a fully configured state – the racks are yet to be powered up
 - ITD/Telco is testing the new splicer equipment and bulk fiber materials (ribbon fiber expected to be used in B725 to speed up the fiber termination process if no issues are identified during the tests)
- DCIM expansion in CDCE onto the CDU of rows 46S-49S and 49N, and eventually 50N in CDCE is in progress (2020Q1) – most of the equipment is delivered
- Purchase of the new Lustre MDSes and CH buffer storage for STAR is being initiated (to be deployed in row 45S in CDCE) – still in the requisition creation state
- The combined CPU purchase for ATLAS/RHIC of FY20 is expected to start shortly (new racks to be placed into row 50N in CDCE after retiring the existing legacy equipment standing there)
- CSI DGX-2 system is to be moved to the new Lab area of B725 soon (area 1-181)

Questions & Comments