

RACF/SDCC Network Operations Status Report (Nov 14, 2019)

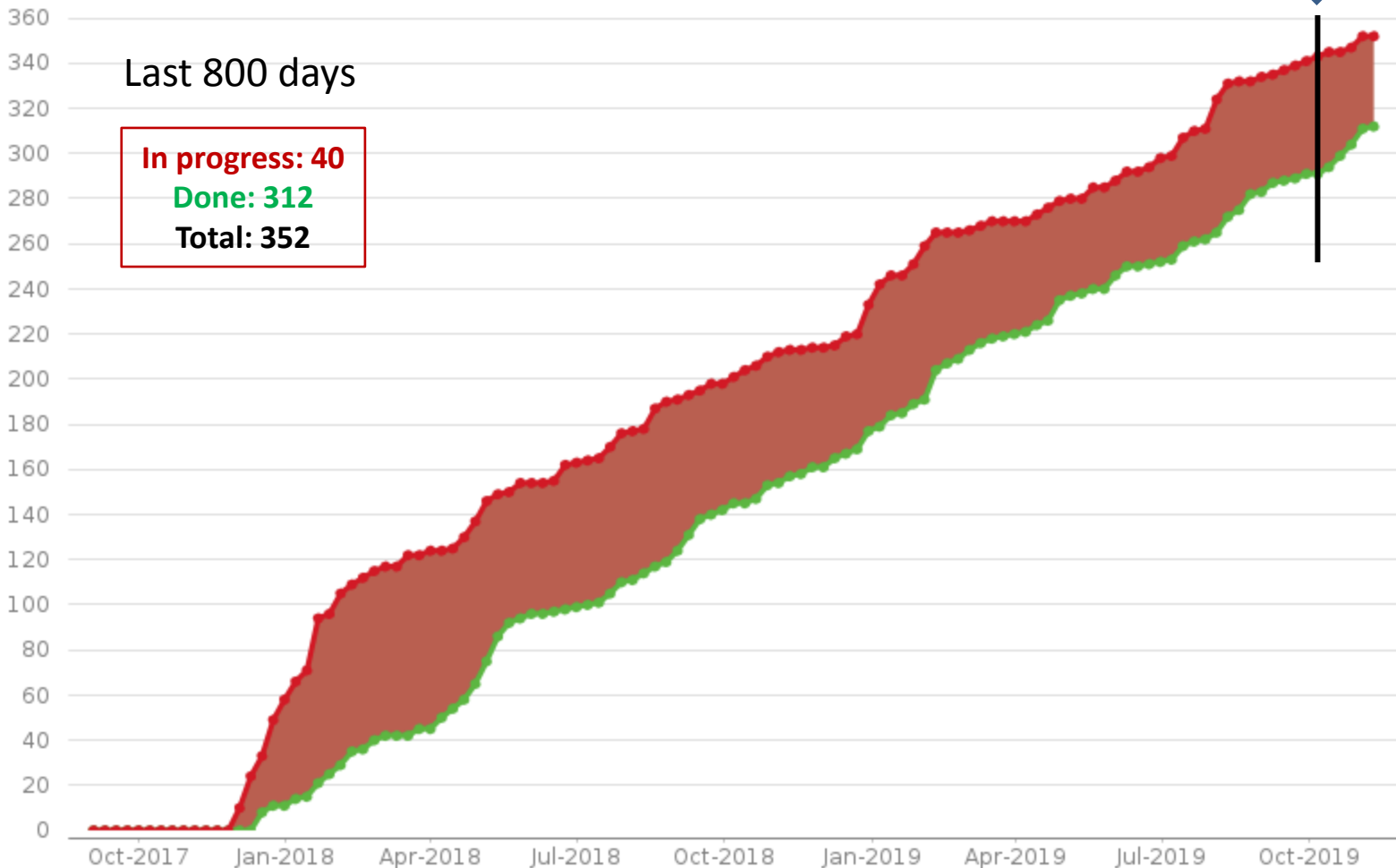
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Project: Post RHIC Migration B515 Datacenter Cleansing & Service Normalization (CY18-19)

Chart

This chart shows the number of issues **created** vs. the number of issues **resolved** in the last 800 days.

Previous Report

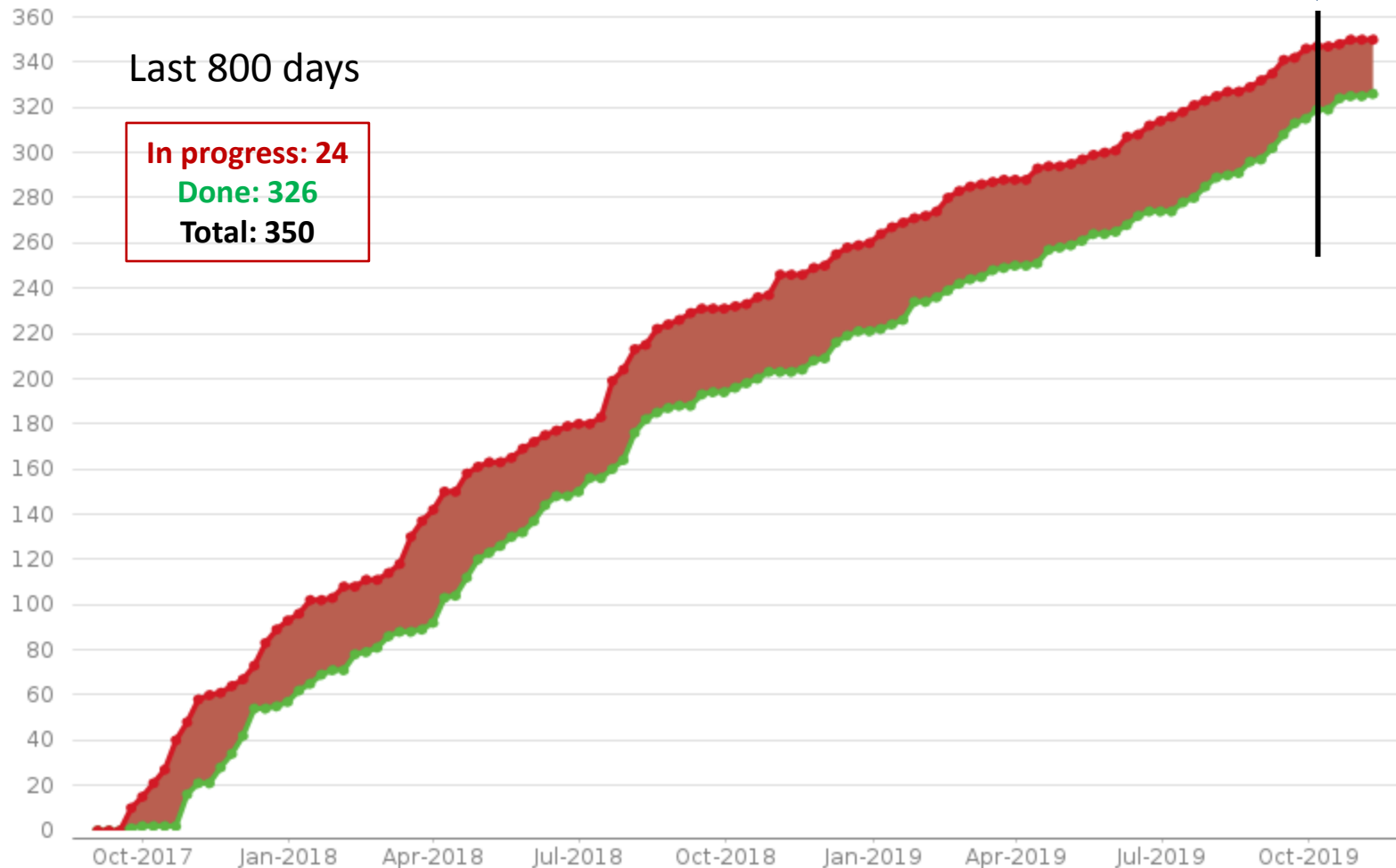


Project: SDCC Network Operations & Interventions

Chart

Previous Report

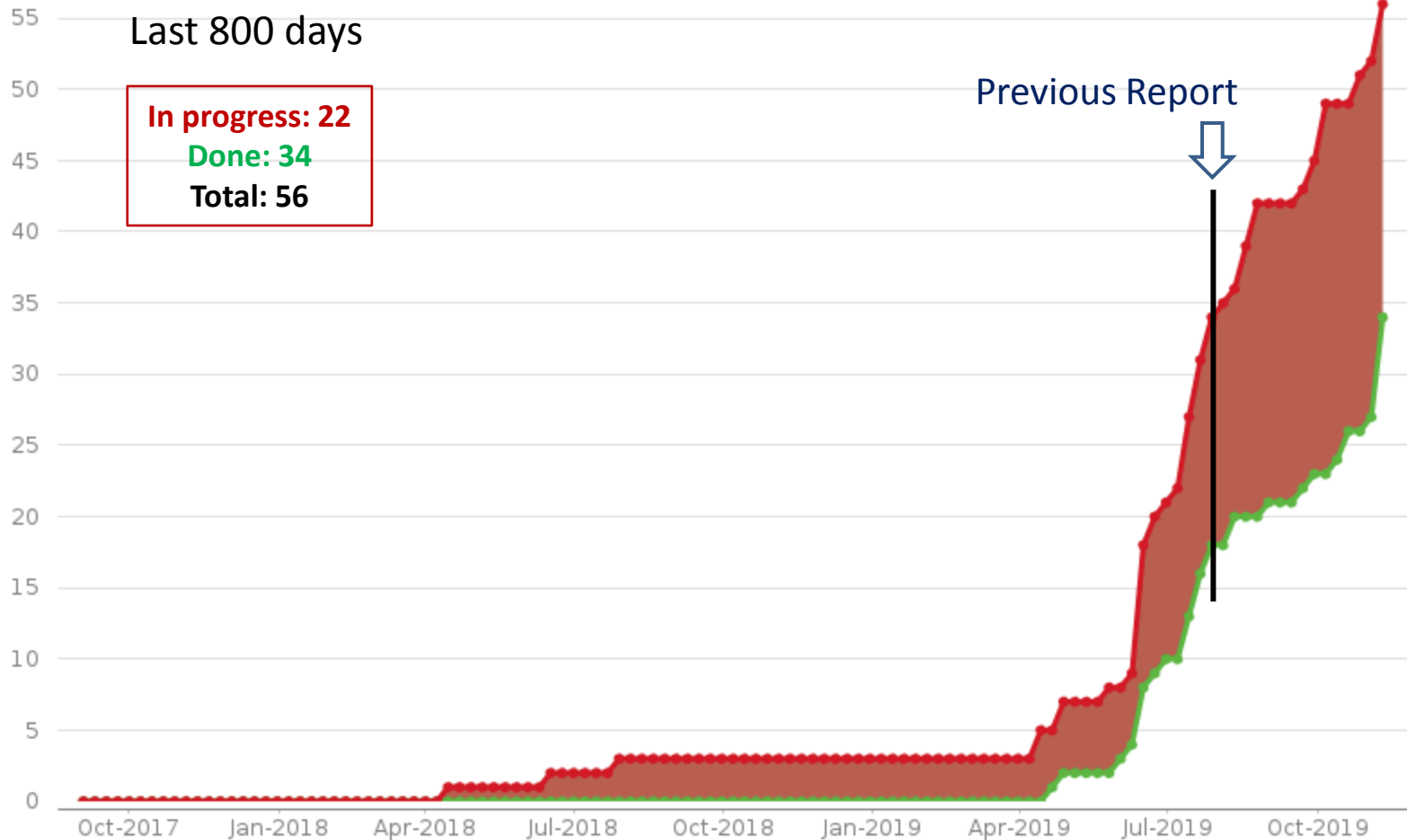
This chart shows the number of issues **created** vs. the number of issues **resolved** in the last 800 days.



Project: HPSS Operation and Updates

Chart

This chart shows the number of issues **created** vs. the number of issues **resolved** in the last 800 days.



Ongoing/Upcoming Interventions and Equipment Deployment/Retirement Operations

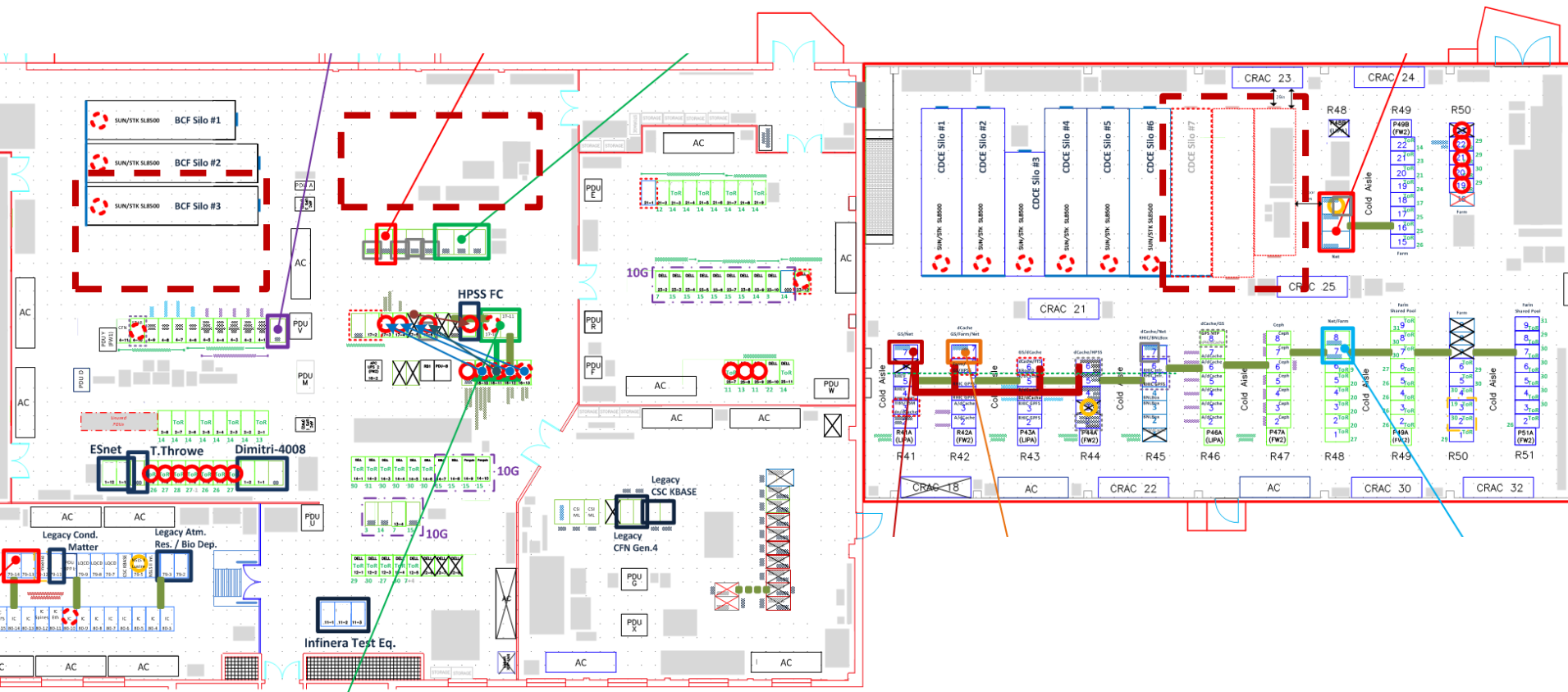
- New central storage for RHIC (2 disk array + server pairs) to be deployed in rack 43-4 in CDCE
 - servers are delivered; disk arrays are delivered and installed in the rack
- First rack of dedicated NSLS II storage (Lustre) is to be deployed in rack 79-5
 - rack frame is delivered, installed and powered up; the head node is delivered and installed; the disk array is delivered into the main BCF and to be installed in the rack soon
- New HPSS movers and infrastructure components in row 44S in CDCE
 - Replacement rstk* servers in racks 44-[2, 6] – installed, rstk* server replacement is scheduled to Nov 13, 2019 **[DONE]**
 - Replacement HPSS DB servers in racks 44-[2, 6] – installed; migration of functionality is expected on **Nov 19, 2019**
 - HPSS core server (primary) physical relocation to rack 44-6 and re-IP-ing to Storage Core HPSS subnet – expected to be performed on Nov 19, 2018; re-IP-int is already done, only the physical relocation remains
 - Second rack of RHIC movers to be established in position 44-3 – purchase of IT components in progress; **CDUs are delivered and installed already**
 - HPSS STAR GW is moved to the RHEV and re-IP-ed on during Nov 13, 2019 intervention **[DONE]**
- BCF Silo #3 migration to CDCE Silo position #7 is expected on Nov 18-19, 2019 (silo is moving empty; the electrical work to begin on Nov 15, 2019)
- DUNE dCache instance is being established in row 41 (CDCE) using spare hardware
 - BNL Cyber approval obtained, all real hardware components (1 JBOD + 3 servers) are deployed the rack 41-3 in CDCE

BCF Silo #3 Relocation to CDCE (Nov 15-19, 2019)

Friday Nov 15, 2019: BCF Silo #3 is powered down

Monday-Tuesday Nov 18-19, 2019: BCF Silo #3 is being physically moved by contractors

Monday-Tuesday Nov 19, 2019: CDCE Silo #7 is powered up, ACSLS reinstalled, HPSS Core server physically moved, part of functionality of the HPSS DB servers is moved to the new servers in row 44S (HPSS downtime)



Questions & Comments