

SDCC Network Operations

Status Report (Jan 7, 2021)

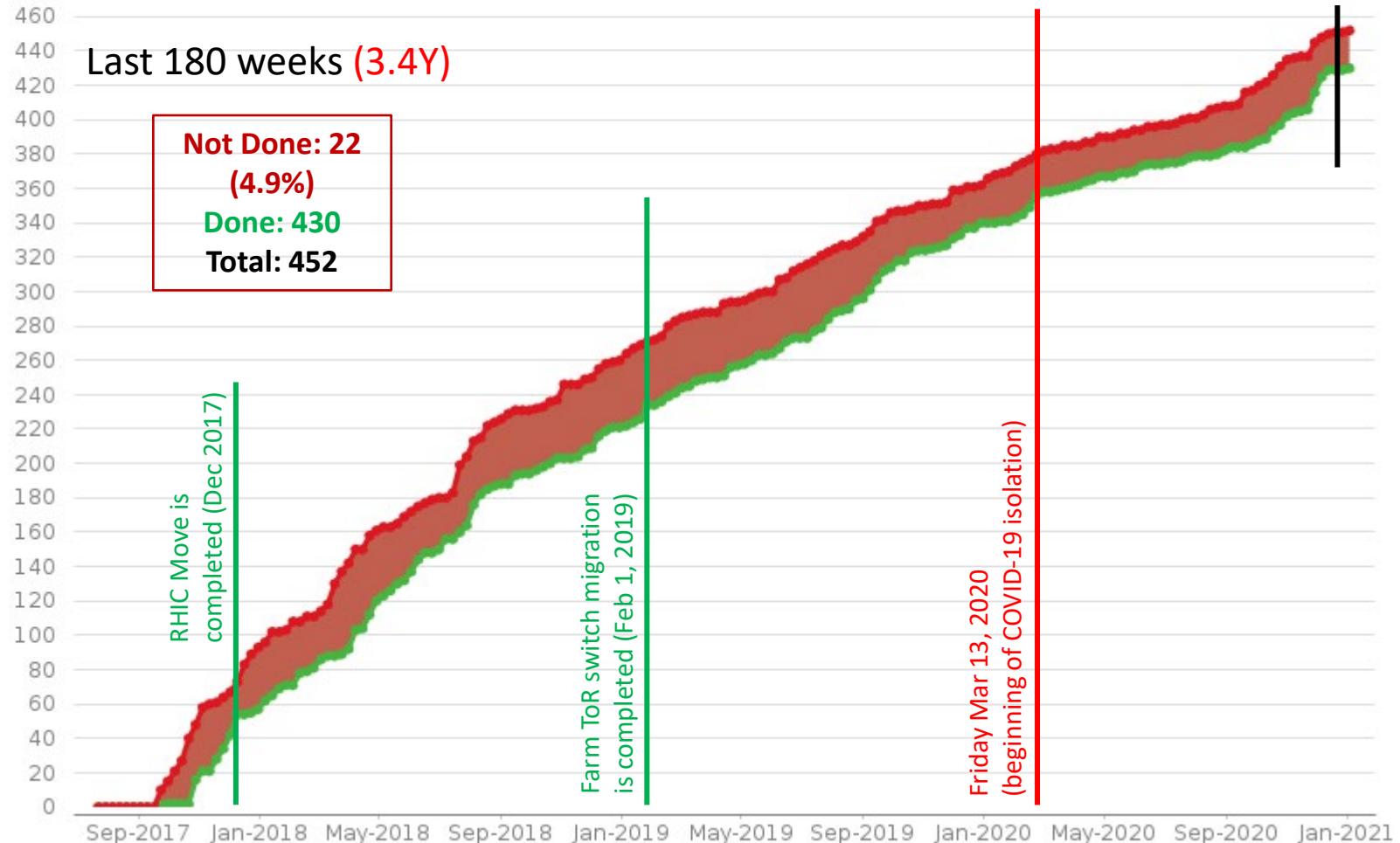
Alexandr ZAYTSEV
alezayt@bnl.gov

Project: SDCC Network Operations & Interventions

Chart

This chart shows the number of issues **created** vs. the number of issues **resolved** in the last **1260** days.

Previous Report



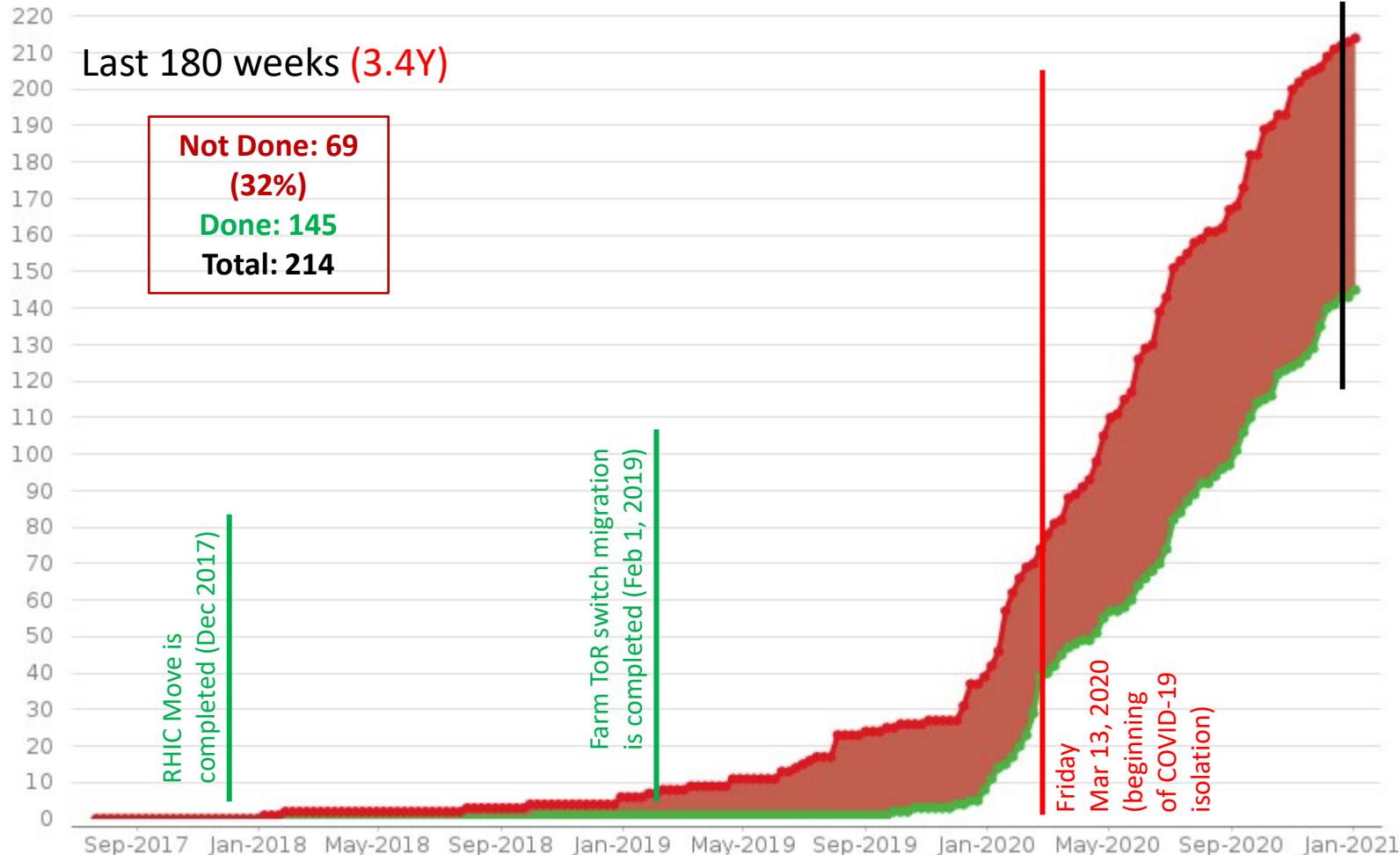
Project: SDCC Datacenter B515/B725 Transition (CY20-23)

Chart

Previous Report



This chart shows the number of issues **created** vs. the number of issues **resolved** in the last **1260** days.



Ongoing/Upcoming Interventions and Equipment Deployment/Retirement Operations

- NSLS II infrastructure addition: dedicated NSLS II RHEV, MongoDB and Kafka servers to be deployed in position 33-6 in QCDOC using the existing rack and CDU set
 - NSLS II RHEV & Kafka nodes are in the rack
 - MongoDB servers are yet to be received
 - All network uplinks are provisioned, including private network for row 33 (QCDOC)
 - Shared private network provisioning for row 33 is completed
- CFN Lustre HW refresh targeting rack position 33-8 in QCDOC
 - The rack frame is in place but the CDUs are yet to be received, headnodes are received
 - All network uplinks are provisioned
- Belle II CPU addition of FY21 (2 new racks)
 - Targeting rack positions 51-[3, 4] with CDCE, replacing the existing CPU racks standing there
 - To be added to the set of rack to be moved to B725 in 2021Q3 (18 CPU racks in total on the move now)
 - The ToR switches and transceivers/uplinks are to be reused
- Belle II DISK addition of FY21: a single JBOD+headnode pair to be added to rack 43-4
 - JBOD is received, ETA for the headnode close to the end of Jan 2021
this additional storage in B515 datacenter before B725 datacenter is available
 - Adjustments to the physical layout of existing JBOD rack 43-4 is needed to accommodate the 5th JBOD+headnode pair is still going to be needed later in Jan 2021 as scheduled interventions on dcblst[007, 008] and qgp005 (STAR XRootD) storage headnodes – to be performed in Jan 2021
 - All network uplinks are provisioned

Questions & Comments