

# RACF/SDCC Network Operations Status Report (Mar 29, 2018)

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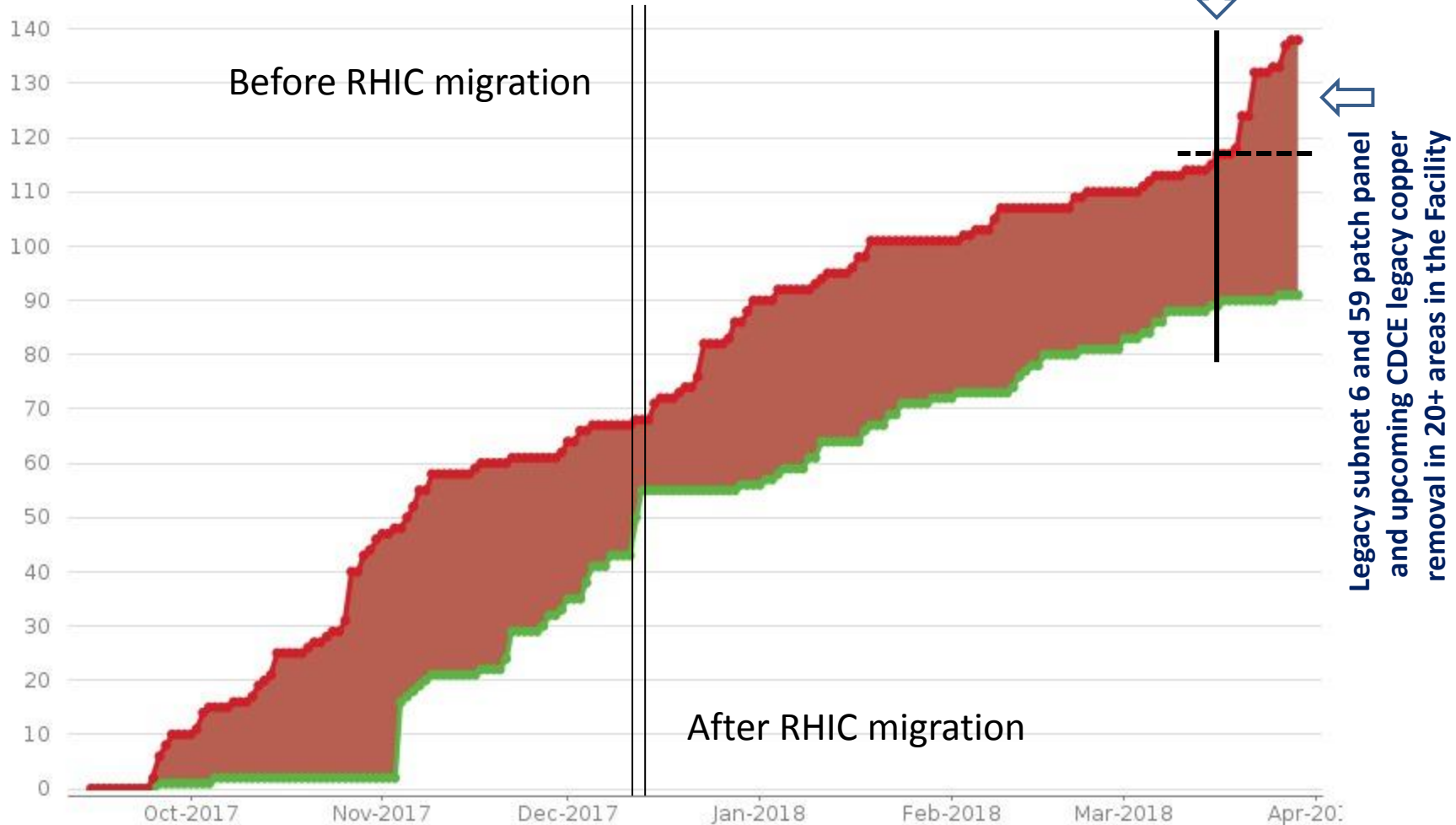
## Project: RACF/SDCC Network Operations & Interventions

Chart

This chart shows the number of issues **created** vs the number of issues **resolved** in the last **196** days.

Previous Report

139



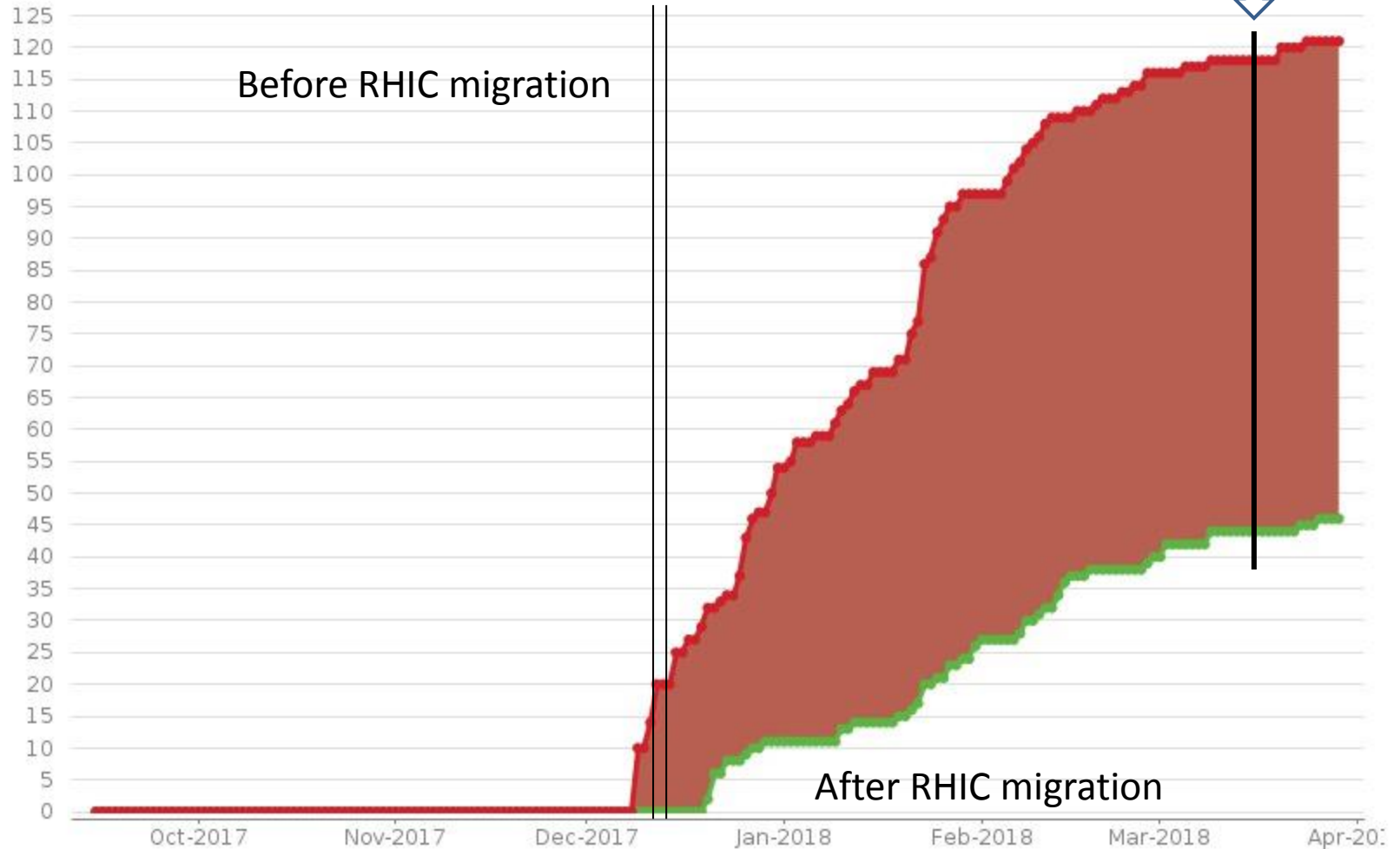
## Project: Post RHIC Migration BCF & CDCE Cleansing & Service Normalization (2018Q1-3)

Chart

Previous Report

This chart shows the number of issues **created** vs the number of issues **resolved** in the last **196** days.

122



# Recent Developments

- Retirement of s710 (Arista 7508E) legacy switch in Sigma-7
  - Misc. equipment is all moved out of s710
  - ATLAS Ceph Test cluster connected to s710 is the last system (pending eq. delivery)
- Replacement of s805 (subnet 6) and s780/s781 (10.42.34.x) switches
  - Still in progress; the expected completion is now in the first week of Apr'18
  - Racks 23-12 (Farm infrastructure) and 16-[4, 5] (legacy PHENIX dCache) are left to handle
- Replacement of the legacy s246 switch serving subnet 59 (1 GbE)
  - All systems disconnected from s246 and moved to the new pair of 7010T switches in rack 4-0 (expected to happen today; last rack to be handled is 4-8)
- New SF installation in the BGL room
  - Waiting for the new SF compute node racks arrival (mid-Apr'18)
  - SF network Front-End replacement intervention is being scheduled
- Conversion of compute node racks to spine-and-leaf infrastructure in CDCE
  - Procurement of 21x ToR switches is initiated for complete replacement of legacy Exascale s705 (row 50S) and Brocade SX-1600 system (row 48N) in progress
- SW upgrade is now available for the SciZone perimeter firewall 1+1 pair
  - Expected to fix the issue with SSH IPv6 traffic offloading (RACFCL2018-24)
  - Confirmed by PHENIX; pending confirmation from STAR

# Questions & Comments