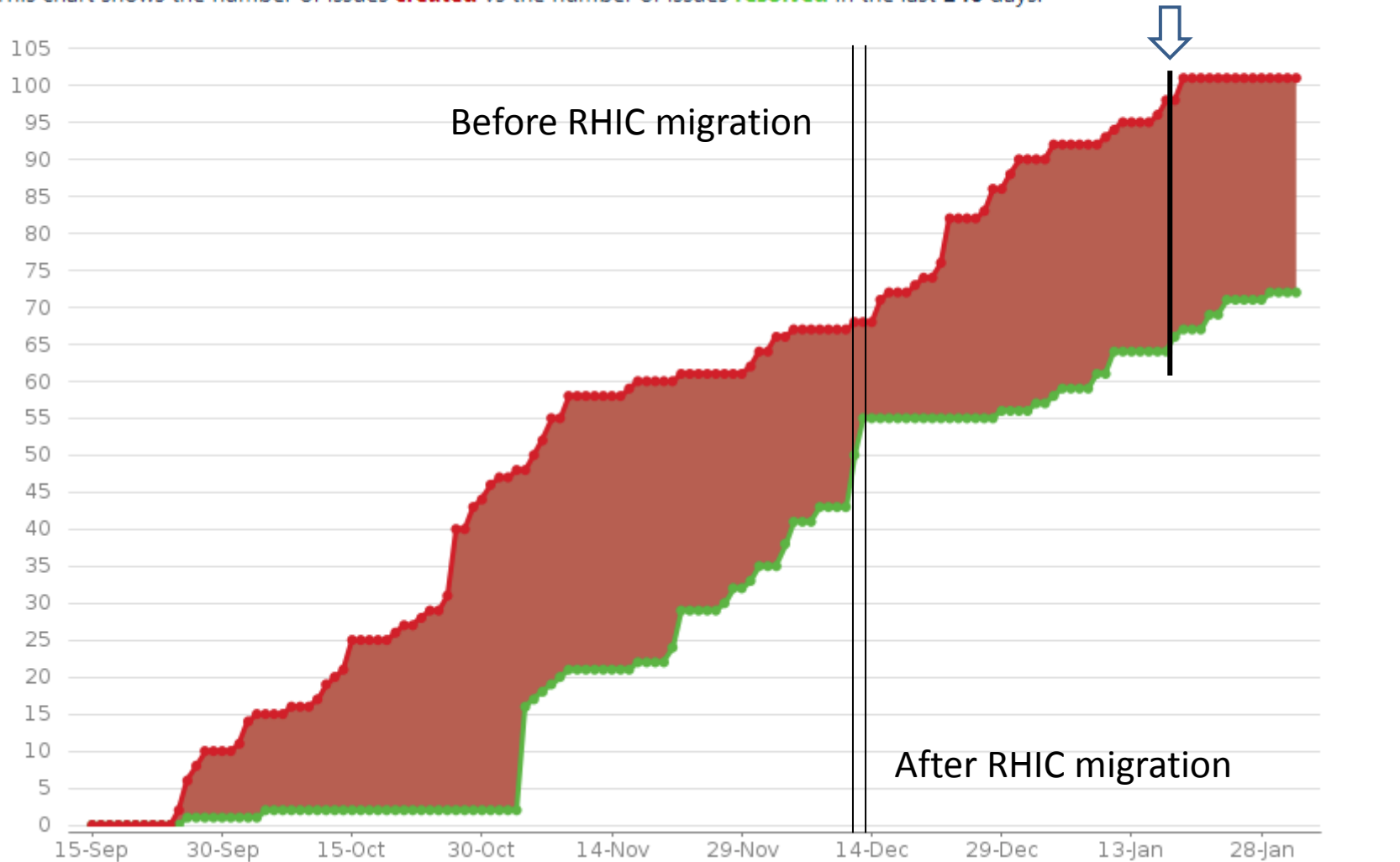# RACF/SDCC Network Operations
Status Report (Feb 1, 2018)

Alexandr ZAYTSEV

alezayt@bnl.gov

Project: RACF/SDCC Network Operations & Interventions
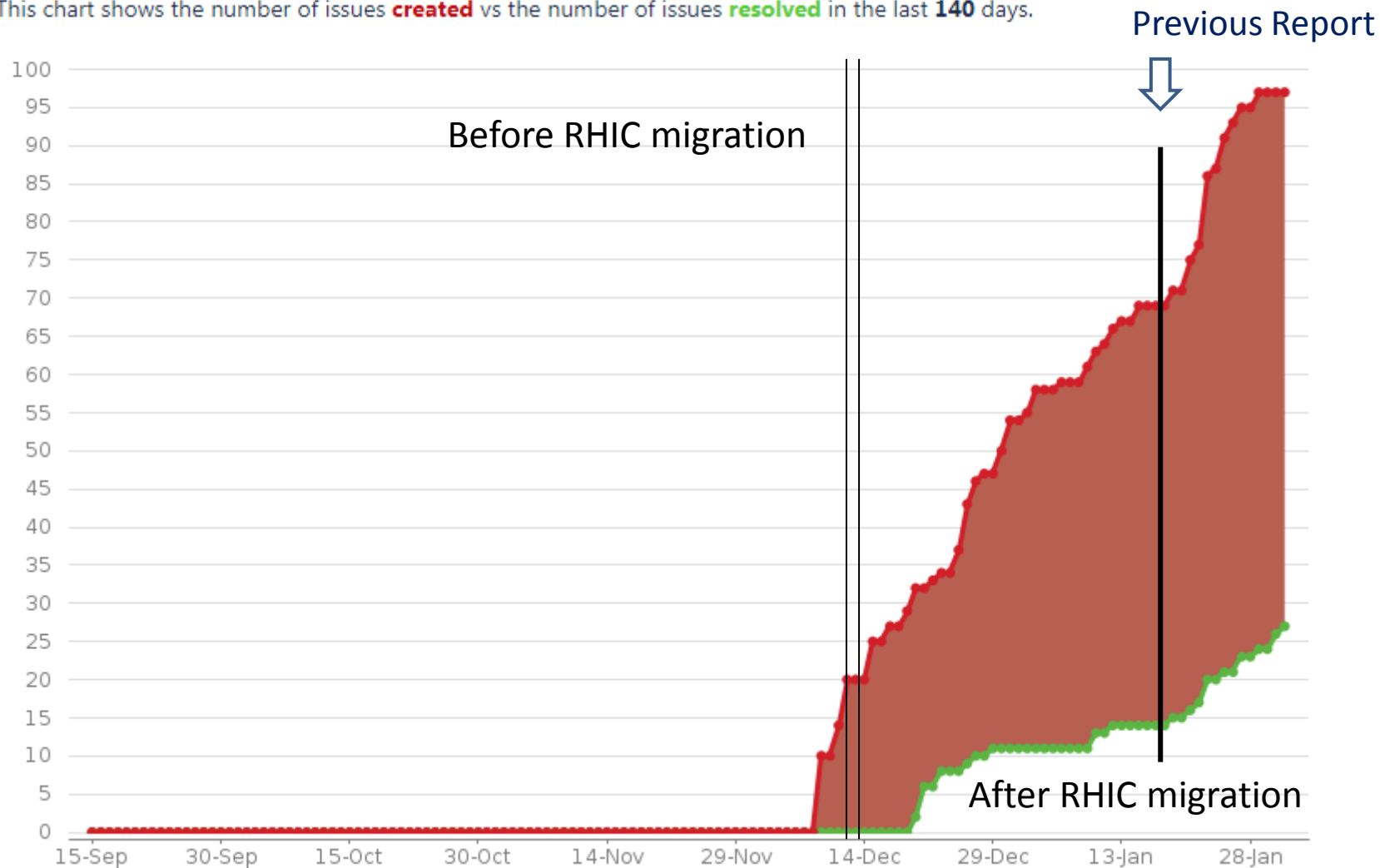
Chart

This chart shows the number of issues **created** vs the number of issues **resolved** in the last **140** days.

Previous Report

Before RHIC migration

After RHIC migration

Project: Post RHIC migration BCF and CDCE cleansing and service normalization

Chart

This chart shows the number of issues **created** vs the number of issues **resolved** in the last **140** days.

Current NETOPS Activities

- The second Arista 7508R chassis deployment
  - Delivered to the datacenter and physically installed / powered up today
  - Targeting the next 2 weeks for ATLAS dCache / ATLAS Ceph clusters migration off the s710
- Replacement of the legacy s805 switch serving subnet 6 and migration of subnet 10.42.34.x out of near-EOL 1 GbE distribution switch pair s780/s781
  - 2x 1 GbE attached systems on subnet 10.42.34.x located in racks 17-[1, 2] are migrated
  - The residual set of single attached systems on 10.42.34.x subnet and subnet 6 attached systems are yet to be handled; the patch panels required are yet to be deployed
  - Next step is migrating racks 2-13, 3-3, and 4-8 to the new 1 GbE distribution infrastructure
- Replacement of the legacy s246 switch serving subnet 59 (1 GbE)
  - Expected in late Feb'18 / early Mar'18
- Network provisioning for the new ATLAS Tier-1 and RHIC racks is done
- Arista network equipment for Simons Foundation compute extension is received and now awaiting the new SF racks delivery and installation
- Network is provisioned for the new PHENIX dCache servers in rack 4-9
- Major cleaning of the legacy / unused 1 GbE copper uplinks in 11 racks in BCF / RCF areas and 7 more racks in the CDCE area is underway

Questions & Comments