

# SDCC Network Operations Status Report (Mar 2, 2023)

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# BNL Network Interventions of Feb-Mar 2023

(Preparation for BNL perimeter HW refresh later in FY23)

- **Part 1 – DONE:** Last Thursday (Feb 23, 2023) ITD Network Engineering Group performed the intervention adjusting the routing configuration for BNL Campus and Campus DMZ networks
- Possible 30-60 sec interruptions were expected during the intervention window (17:30-21:30 BNL LT) for BNL Campus network connected systems communicating across the site perimeter and SciZone perimeter
- *No disruption or lasting after-effects were observed / reported involving SDCC services and SciZone hosted systems as a result of that intervention (as expected under all-go-as-planned scenario)*

# BNL Network Interventions of Feb-Mar 2023

## (Preparation for BNL perimeter HW refresh later in FY23)

- **Part 2: Later today (Mar 2, 2023)** ITD Network Engineering Group is aiming to perform one more similar intervention - this time making an adjustment to routing configuration of BNL Campus, Campus DMZ, SciZone and SciDMZ networks
- Possible 30-60 sec interruptions are expected during the intervention window (17:30-21:30 BNL LT) for
  - BNL Campus network connected systems communicating across the site perimeter and SciZone perimeter
  - SciZone and SciDMZ based systems communicating to BNL Campus or to the external resources over the WAN
  - **Internal traffic within Campus and SciZone is not going to be affected**
- Similarly to the last week's intervention, such a short communication disruption is expected to pass essentially unnoticed
  - In abundance of caution this intervention is being performed before the resumption of ATLAS data taking and the start of RHIC run of FY23

# BNL Network Interventions of Feb-Mar 2023

## (Preparation for BNL perimeter HW refresh later in FY23)

- **Part 2: Today (Mar 2, 2023)** - the intervention announcement by the ITD (just for reference)

From ITD Service Desk <ITDHelp@bnl.gov>

To customersupport@exchange.bnl.gov, notify-l@bnl.gov

Subject [Notify-I] Network Perimeter OSPF to EBGP Migration (Part 2)

2/27/2023, 12:34 PM

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### Outage/Maintenance Notification

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**Summary of Outage/Maintenance:**

ITD Network Engineering will be migrating from generating its own default route to utilizing the default route sent by Esnet. This migration will allow BNL to operate a single routing protocol (EBGP) between the BNL Network Perimeter, Campus Network Perimeter and BNL Science DMZ and remove the remaining route redistribution between OSPF and EBGP on the Network Perimeter. This maintenance window should not disrupt Internet and Wide Area Network traffic, but small (30-60 second) outages may occur during route re-convergence periods.

**Date & Time of Outage/Maintenance:**

03-02-2023 05:30 PM EST

**Date & Time of Expected Resolution:**

03-02-2023 09:30 PM EST