BGP Resource Management Workshop

The IRR system is a global databases where network operators publish their routing policies and announcements in order for other interested network operators to use that data, for ease of interconnecting and working together. In this workshop we will discuss in details the IRR system and to use it to manage your resources. Attendees will learn how to use common automation techniques to use the IRR easily and efficiently to perform network management.

Special Thanks To Our Sponsors

We Would like to Thanks our wonderful sponsors! without whom our workshop would not be possible:

- **Infrastructure Provider** : INX-ZA
- **Meeting Platform Support**: Global NOG Alliance
- **Supporting Organization** : Packet Clearing House

Objectives

By the end of this workshop you will be able to :

- Understand the Internet Routing Registry system
- Understand the importance of Registering IRR Objects
- Know how to confirm that your resources are accurately registered (and fix shortcomings)
- Learn how to automate your network filtering.
- Know what is RPKI and How to get a ROA

Workshop Level

Intermediate Level

Who should attend

Individuals involved in BGP, BGP network filtering.

Requirements

- You should have some idea of how Internet peering and transit works

- You should have conceptual BGP skills
- You should know how to manipulate objects in a WHOIS database

Date & Time

- Date: Sunday, 27 March 2022
- Time: 08:00 - 11:00 UTC (10:00 - 13:00 Sudan Time)

Instructors

- Alkhansaa Abdalla - IP Number Resource Analyst (AFRINIC)
- Dibya Khatiwada - Global Peering Coordinator (Packet Clearing House)
- Edd
- Hiba Abbas
- Nishal Goburdhan

Fees

Free :-)

Materials

You can download the slides from here

Reference

Some useful reading material

- AFRINIC’s Internet Routing Registry (IRR)
- A Quickstart Guide to Documenting Your Prefixes with IRR

Revision #1
Created 2024-10-28 14:55:12 UTC by sara
Updated 2025-09-10 11:25:23 UTC by sara