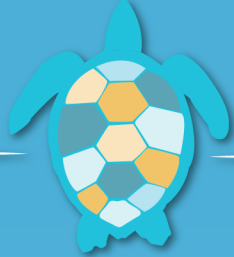


ARIN31



BARBADOS

BCOP Update

Aaron Hughes

What is BCOP

- Best Current Operational Practices
 - **Open repository of living BCOPs**
 - **Bottoms up development process**
 - **Operator consensus driven (80/20)**
 - **Transparent**
 - **Revision controlled**
 - **Vetted via BCOP-DP (community written) and subject matter experts**
 - **Local and Global**

Problem Statement

- I have an operational problem and would like to know the best current operational practice to solve it.
- There are hundreds of operational forums globally
- All stored in different formats, some searchable, rarely have speech text or video, no vetting, and state unknown.

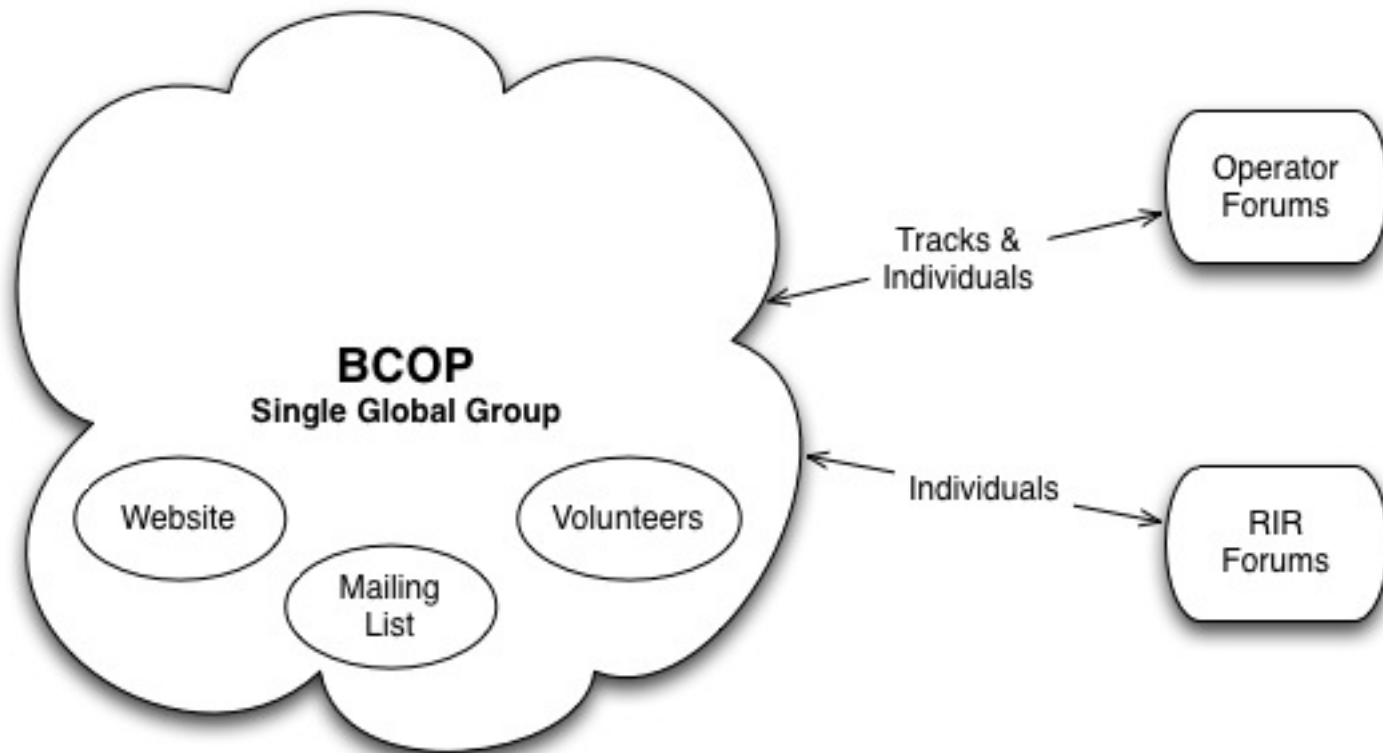
BCOP Timeline

- 2010
 - **Lightning Talks in operator and RIR communities resulting in validating need**
 - **E-mail list –discuss launched**
- 2011
 - **Website launch**
 - **Deployment process evolution and launch as an unattached group**
 - **Draft BCOPs written**

BCOP Timeline cont.

- 2012
 - Renamed BCP to BCOP (IETF confusion)
 - BCOP-DP completed
 - BCOPs ratified
 - Request assistance from ISOC, ARIN, NANOG, RIPE, volunteers
- 2013
 - Single unattached group move to Multi-Regional & Global BCOP org.

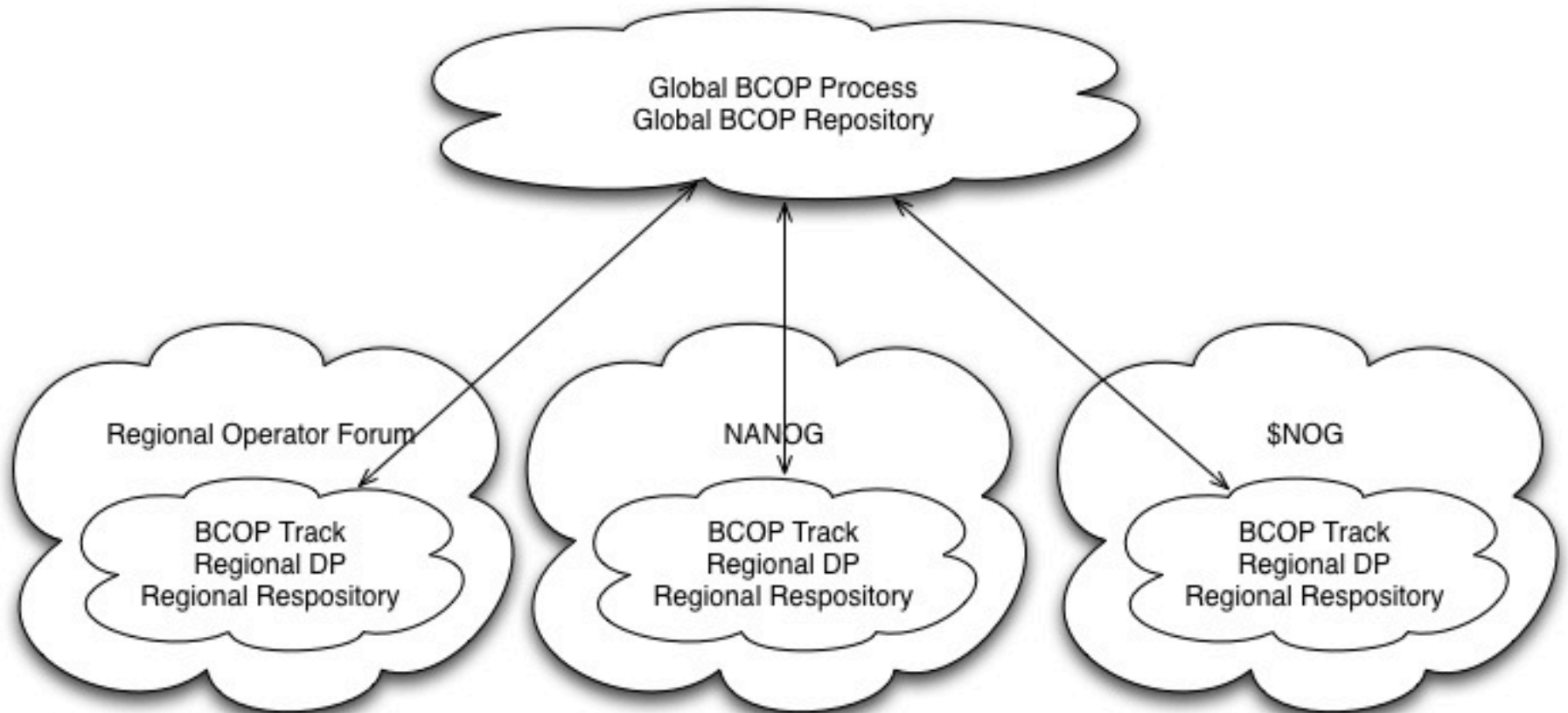
BCOP Structure 2012



Restructure

- Regional Operator driven
- Some BCOPs stay local
- Others become Global BCOPs when appropriate (Process in progress)

Restructure cont.



Restructure cont.

- Move existing BCOP-PD, BCOPs, List, website, track to single local OG to use as template for other OG/OF
- Identify neutral organization to host global BCOPs
- Validate interest from parties and execute

Regional

- NANOG Board agreed with need and support
 - **Moved list**
 - **Moving website**
 - **Track converted to regional**
 - **BCOP-PD changes in progress to use as template in other OG/OF**

Global

- ISOC Deploy360 Programme identified as match for hosting global process, support, hosting, etc.
- Strategic alignment / real-world deployment information for key Internet technologies such as IPv6, DNSSEC, Routing Resiliency/Security

Snapshot today

- Regional in place @NANOG
- Focus shifted to content (BCOPs)
- ISOC testing water / validating interest Globally / working with regional BCOPs to create global process and repository

What's done today?

- BCOP-DP
- BCOP_IPv6_Subnetting
- BCOP_Public_Peering_Exchange
- BCOP_IPv6_Peering_and_Transit
 - **Input needed for v2**

What's next

- Prior to NANOG58 (June)
 - **Website move**
 - **Updated doc management system in place**
 - Revision controlled rich docs (challenge)
 - **Several BCOP Drafts to list for discussion**
 - Send us your ideas! (bcop@nanog.org)

How to get involved

- ARIN/NANOG Region
 - <http://mailman.nanog.org/mailman/listinfo/bcop>
- Global involvement
 - Deploy360@isoc.org
- General questions
 - Aaron Hughes aaron@6connect.com
 - Chris Grundemann cgrundemann@gmail.com

Questions?