BEST CURRENT PRACTICES

Living documents and knowledge with nowhere to live!

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WHAT'S A BCP?

- Operationally today, nearly nonexistent!

  - Dear Google, How do I setup anti-spoof filters

  - Dear #ix, Any of you guys ever seen this error before?

  - Hey subject matter expert buddy, can you tell me how you got around this issue? I'm stuck.

  - Historical presentations.. (not current, hard to search)

WHAT TO DO ABOUT IT

- Build a repository of living BCPs

- Ask subject matter experts to submit papers

- Share them with the community

- Keep them alive / current / accurate

WHY DO THIS?

- I and others believe the community want something like this.

- Things start to get better.

  - Less first time errors / real world information.

  - Better filters, subnetting, security, cleaner registry information / IRR data, more secure, happier Internet, etc. :)

  - and of course, better Internet operator community

EXAMPLE

- I decide to write a document on Best Current Practice for subnetting an IPv6 /32 as an ISP. (80/20 model)

- I submit the BCP to the site.

- The community accepts (or rejects) the BCP

- People read and, if know something to be better, update it.

- Living document gets better! (and stays current)

- Someone who wouldn't otherwise know better builds a better network / operational practice!

WHERE DOES IT LIVE?

- Good question

  - NANOG is likely not interested (cater to a different audience)

  - ARIN: official party line is that they'll do what the community wants which could include hosting BCPs, but it's scope creep

  - IETF? Maybe...

  - Third party .ORG? Likely a good neutral choice.

WHO?

- Good question!

  - Started with ARIN XXIV presentation / Cathy comment

  - Then discussed with 5 people over dinner

  - Neutral parties input (NANOG PC, ARIN AC/BoT, Community, Subject matter experts)

  - -> BoF to hammer out the details and grow the group

SHOW OF HANDS

- We like this idea.

- Keep working on it!

SHOW OF HANDS

- We know what we are doing

- Find another hobby

NEXT STEPS

- Next NANOG (unless someone can help me get this done faster) host a BoF to finalize details on the who, where, how

  - Do we want a pending vs. accepted living document distinction? (draft vs live)

  - Who can post BCPs - are there any minimum requirements for the poster or the doc?

  - How does a document move from draft to live status?

  - etc.... (Community input very important here!)

NEXT STEPS CONT

- Between now and then put up a new .org, start testing software and process for managing living documents

- Publish a document to test the process (IPv6 subnetting for ISPs in progress)

- Dive into the details of the process

- Send feedback to bcp-discuss@bind.com

UPDATE

- Presented at NANOG48, received support

- bcp-discussion list started

- Launch 6connect.org (unless BoF decides to move it)

- Software testing begun

- Submission to NANOG49 for BoF accepted

- Wrote draft BCP subnetting /32 for ISPs

- Closed launch for testing to bcp-discuss to validate process and test software.

- Prepare for NANOG49 BoF (anyone interested in helping?)

- Discuss with ARIN bridging gap (next slide)

WHAT ABOUT ARIN?

- Options for participation

  - ARIN v. NANOG v. BCP-discuss list?

  - Join meeting Wed update only?

  - Keep updating at all meetings? (and/or expand)

  - Wait for nanog-futures to hammer out Merit impacts?

  - Get off the stage Aaron? (input please.. mic.)

THANKS!

- Thanks to Lee Howard, Jason Schiller, Igor Gashinsky, Chris Grundemann and Pete Sclafani for helping getting this started!

- http://bind.com/mailman/listinfo/bcp-discuss

- More on 6connect.org coming soon.

- Questions? Comments?