Routing Area Working Group
Reshuffle

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Bottom Line Message

- Nothing to see, move along
- No work is being factored out
- No new work is being slipped in
- All we are doing is rationalising a few clusters of work
- Most WGs remain untouched
- This is “in progress”
  - Some changes before IETF-91 in Honolulu
  - Remaining changes early in the New Year
What’s changing?

- RTGWG (The Routing Area Working Group)
  - Minor re-charter for clarity
  - This is now a venue for bringing in new work
- VPNs, Data Centers, Pseudowires, BGP-enabled services

- Traffic Engineering, Optical Networking, and RSVP-TE

Diagram:

- PWE3 → PALS (Pseudowire And LDP-enabled Services)
- L2VPN → BESS (BGP-Enabled Services)
- L3VPN → NVO3 (...next slide)
- NVO3
- PCE → PCE
- CCAMP → CCAMP (Technology-specific control plane)
- GMPLS
- RSVP-TE → TEAS (TE Architecture and Signaling)
- MPLS → MPLS
What does this mean for NVO3?

• Currently undergoing re-chartering
  – Will be sent for external review and notified on New Work

• Still doing...
  – Data center
  – Network virtualization
  – IP-based overlay

• But BGP-based control plane is out of scope
  – This falls in BESS

• Leaves NVO3 with...
  – Architecture and requirements for data center VPNs
    • Use cases if there is desire to work on them
  – Centrally controlled data center VPNs
  – New encapsulations