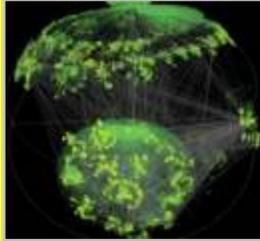


# A three state extended PCN encoding scheme

draft-moncaster-pcn-3-state-encoding-01

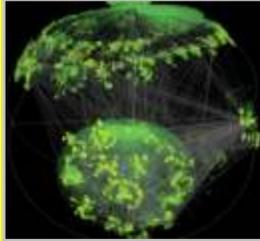
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BT Plc

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# Updated Draft

- Revised individual draft
- Minor revisions:
  - Clarified split between basic encoding (3 states) and full encoding (multiple NM states for ECN tunnelling)
  - Checked terminology for consistency with baseline encoding
  - Minor editorial changes
- This scheme allows 3 PCN states and also can be extended to allow ECN to be tunnelled across PCN region
- Reminder – intended to be one of several experimental extension encodings to allow encoding of 3+ PCN states
- Since baseline encoding is ready for WGLC, experimental schemes should start to progress to prevent hold-ups



## What Next?

- Authors believe this is ready to be adopted as WG item with intent to become Experimental RFC
- Raised a question on list – 3 state encoding is potentially confusing (too similar to 3 state marking). What would be a better title and file name given moving to WG draft could give chance to change?
  - Suggestion from Michael Menth: "A three state PCN encoding reusing two DSCPs" which is designed to chime with Bob's 3-in-1 encoding
  - Or could try "A multi-state PCN encoding" reflecting the ability to tunnel ECN using 3 additional NM states
  - Alternatives?