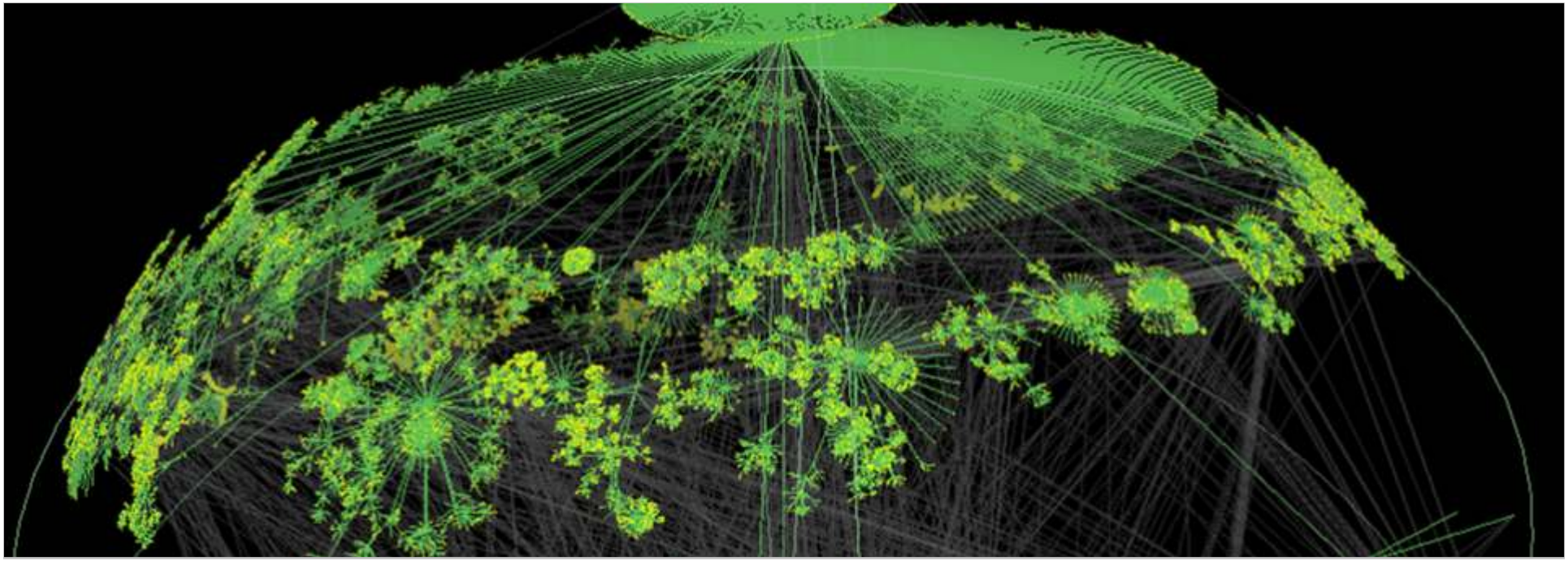

Baseline Encoding & Transport of Pre-Congestion Information

draft-ietf-pcn-baseline-encoding-02

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BT Plc

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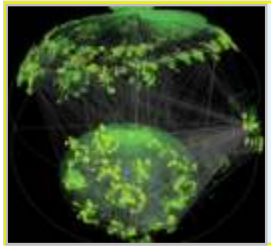
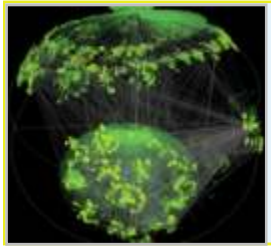


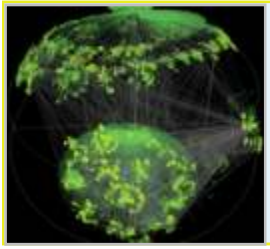
Updated Draft

- Revised WG draft
- No significant changes.
- Minor revisions:
  - Removed Appendix A (and replaced with reference to draft-ietf-tsvwg-ecn-tunneling)
  - Moved Appendix B (correct behaviours for internal nodes) into main body of text
  - Changed Appendix C (deployment scenarios) into deployment advice.
  - Minor changes including checking consistency of capitalisation of defined terms.
  - Clarified that LU was deliberately excluded from encoding.



What Next?

- Raised 3 questions at IETF73 and on-list. Here are the answers:
  - Where should text relating to valid/invalid codepoint transitions live?
    - **In each encoding document?**
    - In a node behaviour document?
  - What should we do as a WG about tunnelling problem?
    - **Support Bob's proposed change currently going through TSVWG?**
    - Specify in encoding that PCN MUST (SHOULD?) NOT use RFC3168 style tunnels since these run risk of remarking of marked packets?
  - Should baseline nodes treat an unexpected EXP codepoint as NM?
    - **Yes**
- The authors now believe this is ready for WGLC...



Reminder – why baseline is best!

		ECN Field			
	DSCP	**00**	**10**	**01**	**11**
Baseline	**DSCP1**	**Not-PCN**	**NM**	**EXP**	**M**
PSDM	DSCP1	Not-PCN	NM ExM	NM ThM	M
Basic 3	DSCP1	Not-PCN	NM	CU/EXP	ExM
state	DSCP2	Not-PCN	CU/EXP	CU/EXP	ThM
Extended	DSCP1	Not-PCN	NM	NM(CE)	ExM
3 state	DSCP2	Not-PCN	NM(ECT(0))	NM(ECT(1))	ThM
3-in-1	DSCP1	Not-PCN	NM	ThM	ExM
LC PCN	DSCP1	Not-PCN	NM	CU/EXP	ThM
	DSCP2	Not-PCN	AffM	CU/EXP	ExM