

# draft-geib-tsvwg-diffserv-intercon

## IETF 91, Honolulu

Presented by (the new co-author): David Black

Version -07 refers to prior IETF work (RFCs 5127, 4594...).

- Content related to other standards bodies has been removed.

MPLS-based Network Providers: MPLS Short Pipe tunnel model

- MPLS pen-ultimate hop [label] popping: top label removed before tunnel egress
- Used to provide plain IP transport service to customers
- Motivation for DiffServ-Intercon changes wrt RFC 5127 examples.

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RFC 5127 treatment aggregate example - comparison to DiffServ Intercon draft

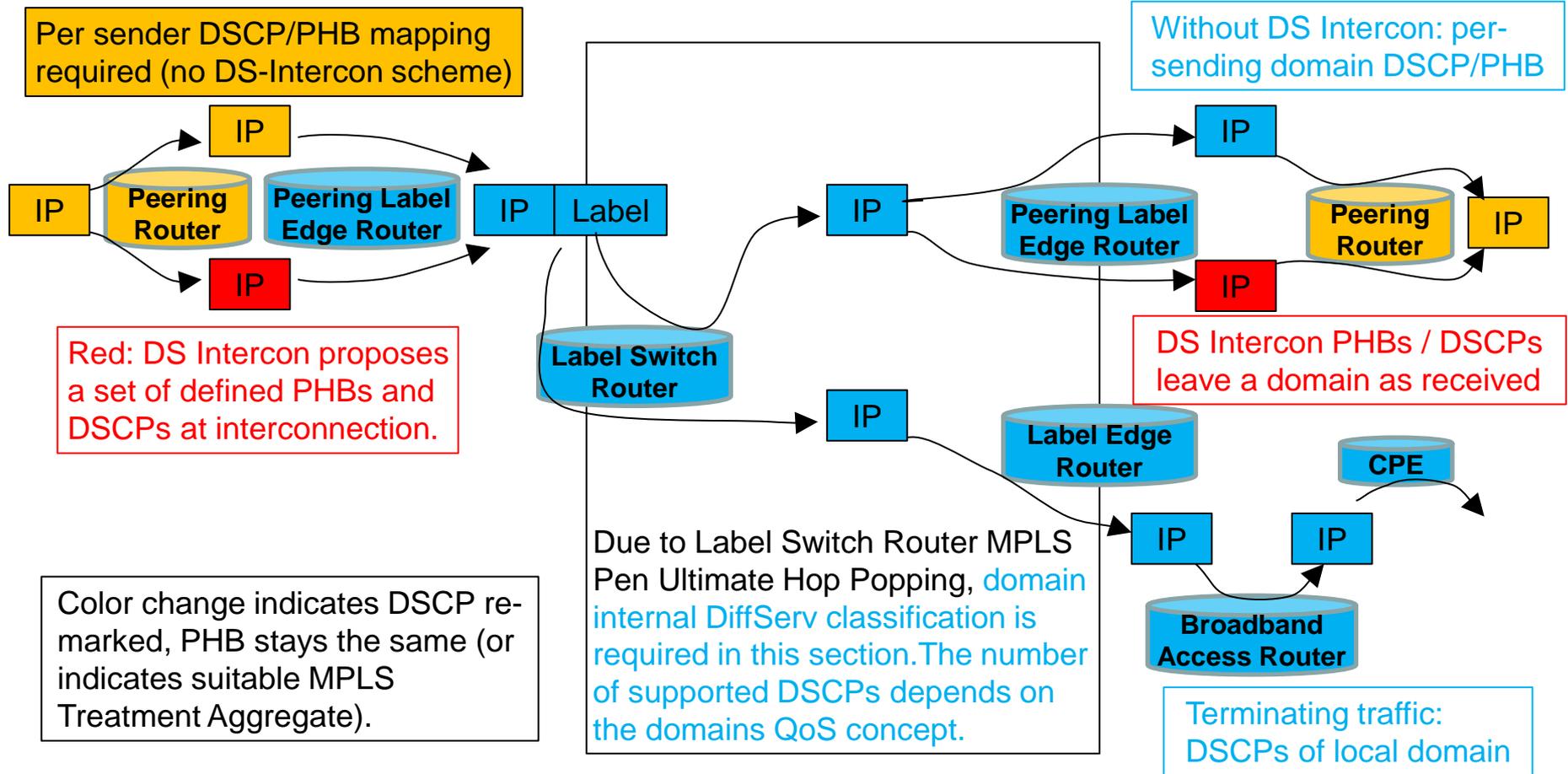
- DiffServ-Intercon: One additional aggregate
- Service class-to-aggregate mapping differences

<a href="#">RFC 5127 Treatment Aggregate (RFC 4594 Service classes)</a>	<a href="#">DiffServ-Intercon Treatment Agg (PHB)</a>	<a href="#">Comment</a>
Network Control (Network Control)	N/A	Not end-to-end Intercon treatment discussed.
Real-Time (VoIP, Streaming, MMConf., Interact., Bcast video)	Telephony Service only (EF and VOICE-ADMIT).	Strict Priority Queue
N/A	Bulk RT - MMConf., Interact., Bcast video (AF41 only)	Rate Queue (tail drop or similar), Streaming is optional
Assured Elastic	Assured Elastic (AF3x group)	Streaming may also fit here, AQM assumed
Elastic (Standard Service / Default , Low-Priority data)	Default /Elastic (Default - CS 0 DSCP)	Unsupported DSCPs remarked to CS0; No Low-priority data (CS1)

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MPLS Short Pipe, non-tunneled IPv4 and DiffServ combined



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### Next Steps

Aim: Informational RFC

Draft has been rewritten (David Black is now a co-author), should meet TSVWG expectations.

Comments from other providers are welcome (and being solicited).

Request: WG adoption of draft (as basis for further work).