

# Carrying Binding Label/Segment-ID in PCE-based Networks

*draft-sivabalan-pce-binding-label-sid-00.txt*

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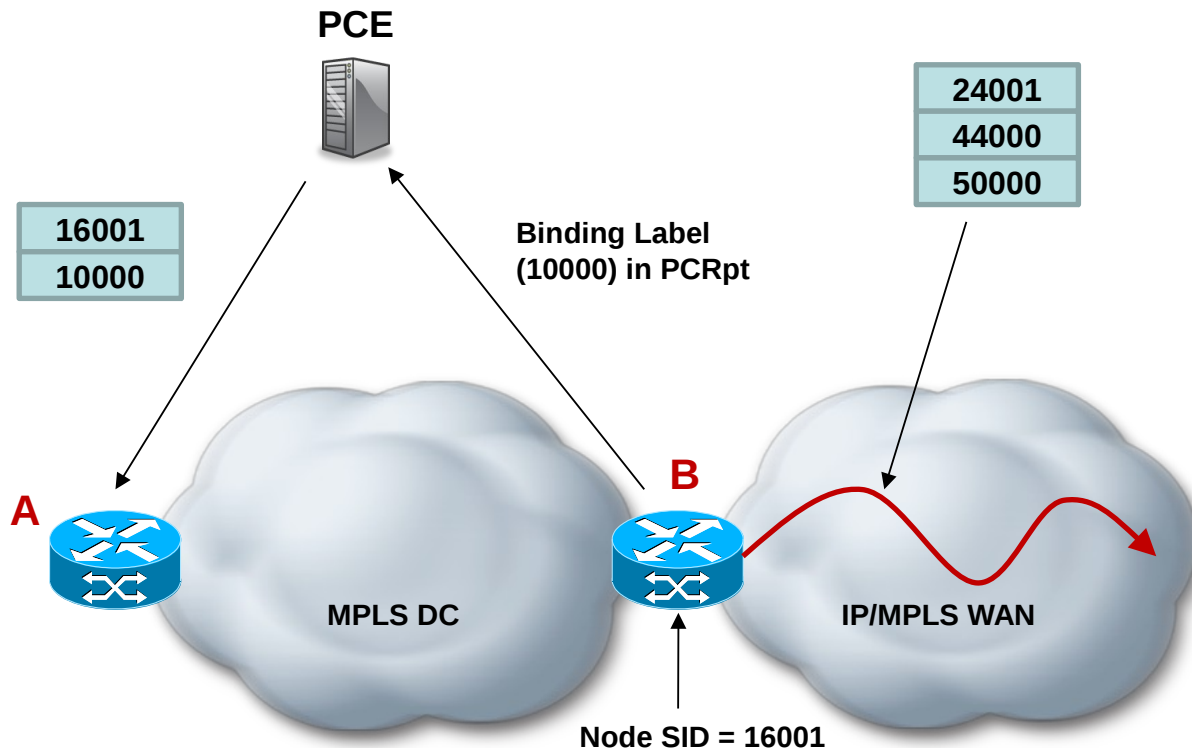
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# Background

Binding SID provides an ability for a node (e.g. A) to steer traffic over a specific TE-LSP originating on a downstream node (e.g., B) without IGP flooding.

## An Example in SR Network



# Proposed Approach

- New OPTIONAL TLV called “PATH BINDING TLV” is introduced:
  - Binding Type (BT) indicates the type of binding.
  - This document defines BT of 0 (default) for MPLS label binding.
- This TLV can be carried in LSP object.

# Next Steps

- There are real-world use-cases
- There are 2 implementations
- Please review this draft and comment on the list!

**Thank You !**