



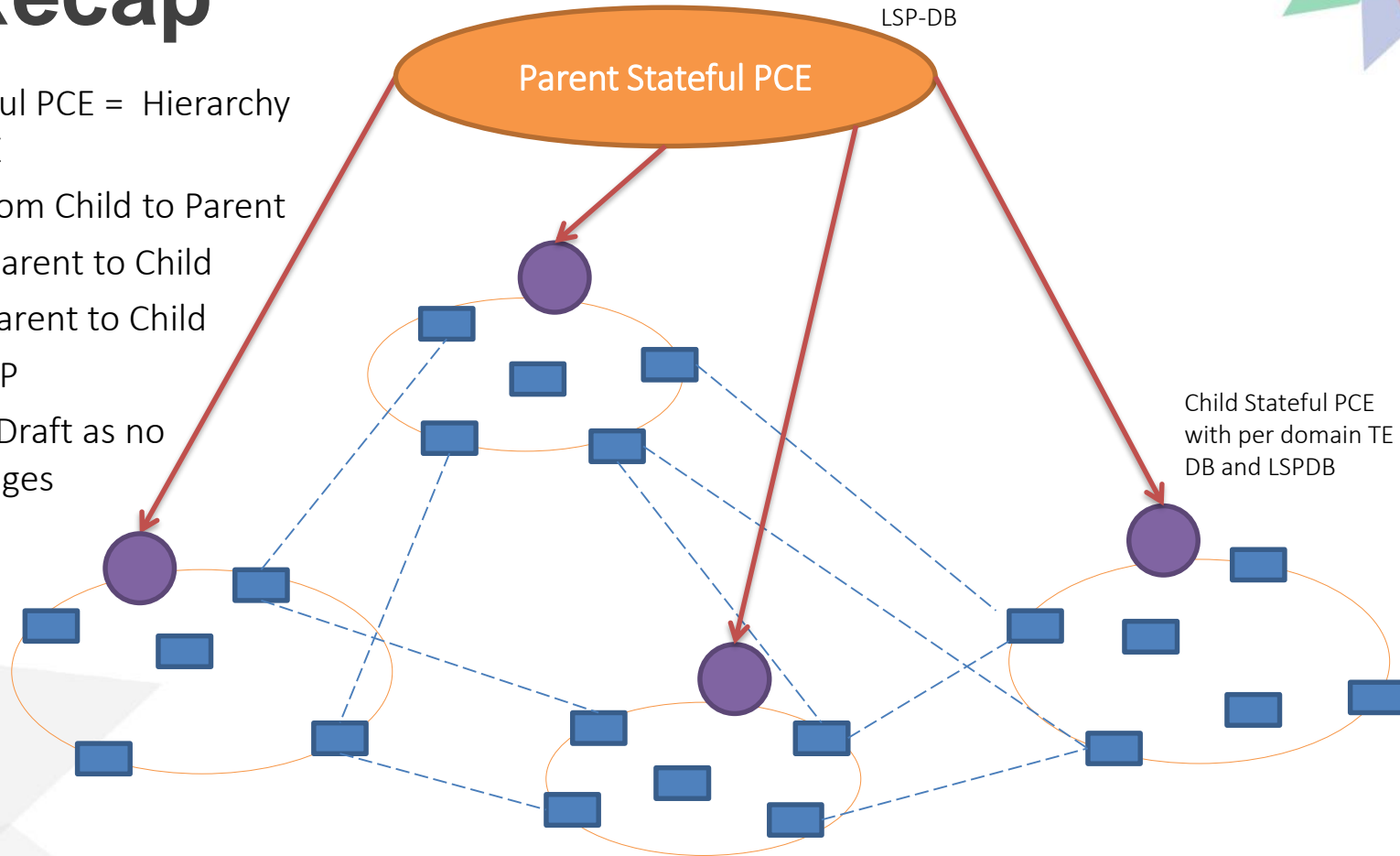
Hierarchical Stateful Path Computation Element (PCE).

draft-ietf-pce-stateful-hpce-04

Quick Recap

- H-PCE + Stateful PCE = Hierarchy of Stateful PCE
- State report from Child to Parent
- Update from Parent to Child
- Initiate from Parent to Child
- Per-domain LSP
- Informational Draft as no encoding changes

Maintain the domain topology map and LSP-DB



Status



Adopted by WG after IETF 98 (Chicago)

Summary of Changes since then -

Alignment to RFC 8231, 8281	Support for E2E as well as per-domain LSP <ul style="list-style-type: none">• Stitching of per-domain LSP is out of scope and described in other document	Confidentiality <ul style="list-style-type: none">• Via Path-Key
--------------------------------	--	--

Document has remained stable, Implementation Exist, Ready for WG LC!



H-PCE Extension

draft-ietf-pce-hierarchy-extensions-04

- RFC 6805 defined the H-PCE framework, this document is the extension!
- Last Discussed during IETF 96 by Dan
 - Moved to Standards Track after confirmation on the Mailing List
- One pending action item was identified regarding SVEC/OF
 - Related to Domain Diversity
 - A new flag in SVEC
 - A new OF Code

Quick Recap



Capability
Advertisement (H-
PCE Capability)

Domain
Information
(Domain-ID TLV)

H-PCE-FLAG TLV in
RP object

OF Codes



Metric Types

SVEC Flags



Error & NO-PATH

Implementation
Status

Document has remained stable, Implementation Exist, Ready for WG LC!

Thank
You!

DesiBucket