draft-crabbe-pce-stateful-pce-02

updates

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Updates

relatively minor updates to draft:

- state synchronization avoidance
- clarifications to example use cases
- allocations section [to be updated]

State Synchronization Avoidance

if enabled

    set INCLUDE-DB-VERSION in Open object STATEFUL-PCE-CAPABILITY TLV

    include LSP-DB-VERSION TLV in LSP state report

    keep LSP-DB-VERSION version per PCE/PCC

on PCE/PCC restart:

        if LSP-DB survives restart

            include LSP-DB-VERSION in OPEN object

        if LSP-DB-VERSION matches

            skip synchronization

        else perform synchronization

LSP-DB-VERSION is a 64bit value incremented w/ each database change.

LSP-DB-VERSION starts at 1 and may wrap.

next steps and additions

- requirements doc?
- add / delete LSPs