

IGP Extensions for Stateful PCE Discovery

draft-sivabalan-pce-disco-stateful-02.txt

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Background

- Stateless PCEP and Stateful PCEP are specified in RFC5440 and **draft-ietf-pce-stateful-pce-05** respectively.
- When a PCE participates in IGP, its presence and path computation capabilities can be advertised using IGP PCE Discovery (PCED) TLV:
 - OSPF extensions for stateless PCE: RFC5088
 - IS-IS extensions for stateless PCE: RFC5089
- This document defines new IGP PCED capability bits for **stateful PCE**.

New PCED Capability Bits

Bits	Capability
11	Active Stateful PCE capability
12	Passive Stateful PCE capability

Conclusion

- This draft proposes two additional capability bits in PCED TLVs defined for OSPF and IS-IS.

Thank You !