PCEP Use Cases

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What is implemented/supported in ODL PCEP

List of every RFC or draft implemented/supported can be found in release notes for your particular release. Check main site for latest release notes.

How to configure ODL PCEP

PCEP is already pre-configured from the start. If you want to know additional parameters, check User guide

How to configure and use PCEP segment routing

Segment routing for PCEP does not require any special configuration. If you want to test it, create LSPs with PCEP-SR tlvs to ODL or command the router to do so.

How to configure TCP-MD5 password for PCEP

Here you can find a guide on how to configure TCP-MD5 in PCEP.

How to view PCEP data

You can view LSPs and connected PCCs through RESTCONF. You can learn about how to access it in this guide.

How to create/update/delete LSPs

You can read all about tunnel management in this guide.

I want to write a new extension to PCEP

Currently ODL PCEP has two PCEP extensions implemented, stateful and segment-routing, so if you want to start creating your own, check the code for these two extensions as well as this tutorial.

I want to know how RFC<number> is implemented in ODL

Developer guide should be your start and mandatory reading if you want to know how PCEP is implemented in detail.

I want to see/use PCEP session statistics. I want to close PCEP session manually.

Here is a list of statistics and how to view them as well as how to manipulate with the PCEP session.

I have an issue with ...

If you encounter something that does not match provided documentation, consult this troubleshooting site.