

# Layer Independent OAM Management in the Multi-Layer Environment

## LIME

IETF 96, Berlin

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# Administrativa

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- Charter: <http://datatracker.ietf.org/wg/lime/charter/>
- Mailing List: <https://www.ietf.org/mailman/listinfo/lime>
- Other Documents: <https://datatracker.ietf.org/wg/lime/documents/>
- Scribe: ?
- Jabber scribe: ?
- Blue sheets

# Agenda

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- Administrative – Chairs
  - <https://datatracker.ietf.org/wg/lime/charter/>
- Data Models:
- draft-ietf-lime-yang-oam-model-07
  - > *Review WGLC Comments and Pending Issues*
  - “Generic YANG Data Model for Connection Oriented OAM protocols”
  - <https://datatracker.ietf.org/doc/draft-ietf-lime-yang-oam-model/>
  - Michael Wang / Qin Wu

# Agenda

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- draft-kumar-lime-yang-connectionless-oam-05
  - > *Updates targeting adoption*
  - “Generic YANG Data Model for Connection Less OAM protocols”
  - <https://datatracker.ietf.org/doc/draft-kumar-lime-yang-connectionless-oam/>
  - Deepak Kumar
- Discussion - All
- Next Steps - Chairs

# LIME Document Update

```
$ wgstatus lime
```

```
# Document Status Since 2016-04-08 00:00:00
```

```
## Updated WG-Docs
```

```
- draft-ietf-lime-yang-oam-model-07
```

```
## New IDs
```

```
- draft-jacpra-lime-yang-ais-01
```

```
## Updated IDs
```

```
- draft-txh-lime-gap-analysis-02
```

```
- draft-kumar-lime-yang-connectionless-oam-05
```

```
## Existing IDs
```

```
- draft-bhaprasud-lime-pm-00
```

```
- draft-lam-lime-summary-10-12-layer-independent-04
```

Thank you!

# Applicability Matrix

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- Success is when LIME is reused by other OAM's models
- <https://trac.tools.ietf.org/wg/lime/trac/wiki/lime-applicability>
- Relevant Work:
  - SFC -> draft-xia-sfc-yang-oam
  - BFD -> draft-ietf-bfd-yang – ~~draft-wang-yang-bfd-oam~~
  - TRILL -> draft-ietf-trill-yang-oam, draft-ietf-trill-yang-pm
  - MPLS -> draft-zheng-mpls-lsp-ping-yang-cfg
  - MPLS-TP -> draft-zhang-mpls-tp-yang-oam
  - TWAMP -> draft-ietf-ippm-twamp-yang
  - OOAM DT, BIER, SPRING -> NULL





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## lime

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# Layer Independent OAM Management in the Multi-Layer Environment (lime)

## LIME Applicability

	OAM Documents	C-O/CL?	OAM YANG Models	C-O/CL augments LIME	Augments Latest LIME	Notes
SFC		<a href="#">draft-xia-sfc-yang-oam</a>	-	Y	N	<a href="#">draft-xia-sfc-yang-oam</a> is expired and waiting for being updated to align with the latest LIME model
BFD		<a href="#">draft-ietf-bfd-yang</a>	CL	Y/N	Y/N	TBD
TRILL		<a href="#">draft-ietf-trill-yang-oam</a> , <a href="#">draft-ietf-trill-yang-pm</a>	C-O	Y	Yes but requires update for fully alignment	need to sync up with the latest LIME
MPLS		<a href="#">draft-zheng-mpls-lsp-ping-yang-cfg</a>	CL	Y/N	Y/N	TBD
MPLS-TP		<a href="#">draft-zhang-mpls-tp-yang-oam</a>	C-O	lime author has contacted with Vero, the update is required for alignment	Not Yet	In discussion with MPLS-TP OAM draft author
TWAMP		<a href="#">draft-ietf-ippm-twamp-yang</a>	-	Y/N	Y/N	TBD
BIER		.	CL	Y/N	Y/N	TBD
SPRING		.	CL	Y/N	Y/N	TBD
OOAM DT		.	-	Y/N	Y/N	TBD

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