

Rumors concerning OpenFlow 2.0

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slides: <http://goo.gl/0SxRAK>

P4: Programming Protocol-Independent Packet Processors

- No more fields (e.g., VXLAN, STT, etc.), rather generalized programmability
- Programming language (not just table entries)
- Switches can be programmed to accomplish higher-level functions (e.g., switching ;-)

OF-PI: A Protocol Independent Layer

- Support autonomous functions (i.e., letting the device do its normal work, such as switching :-)
- Recommends bitwise operators and conditional jumps (Turing Complete??)
- More of a concept than a specification