

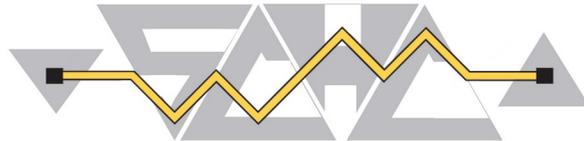
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# draft-minaburo-flow-compression-00

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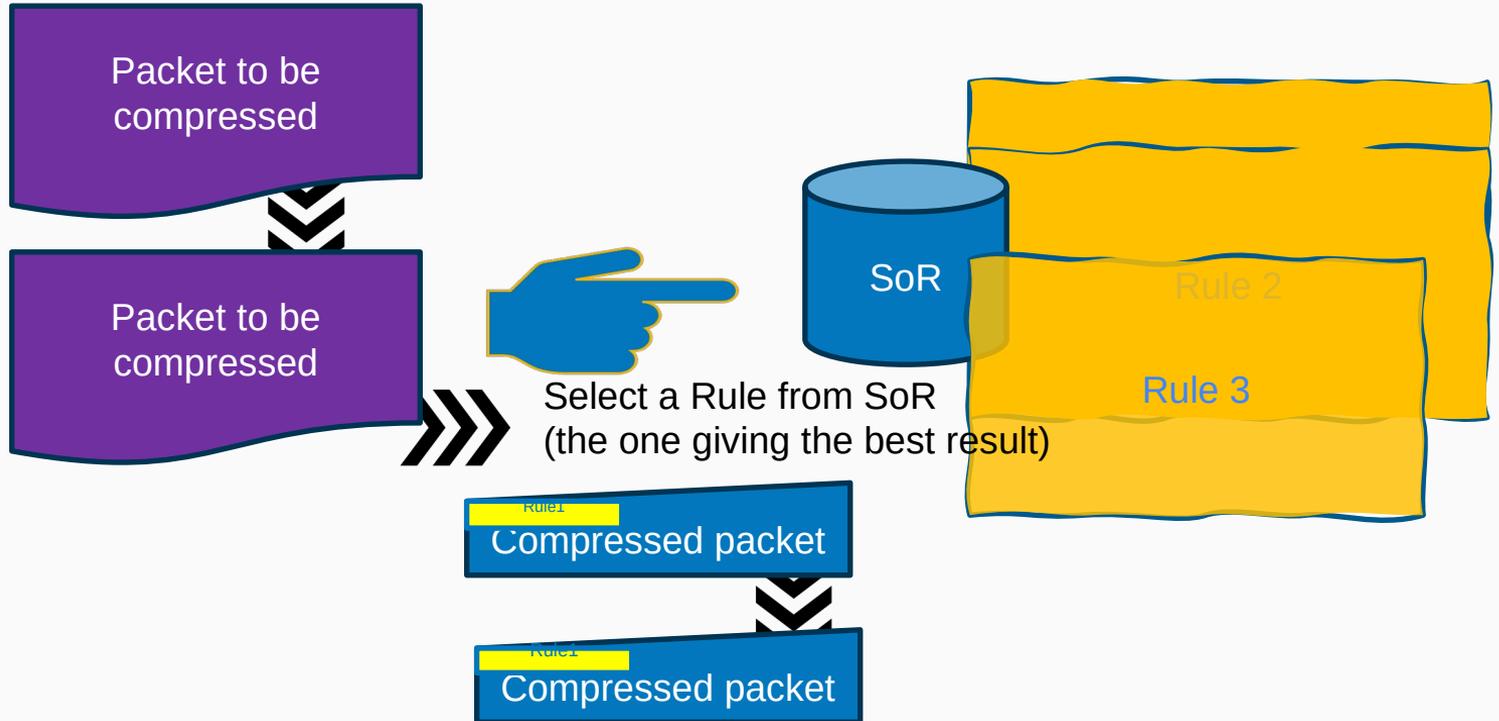


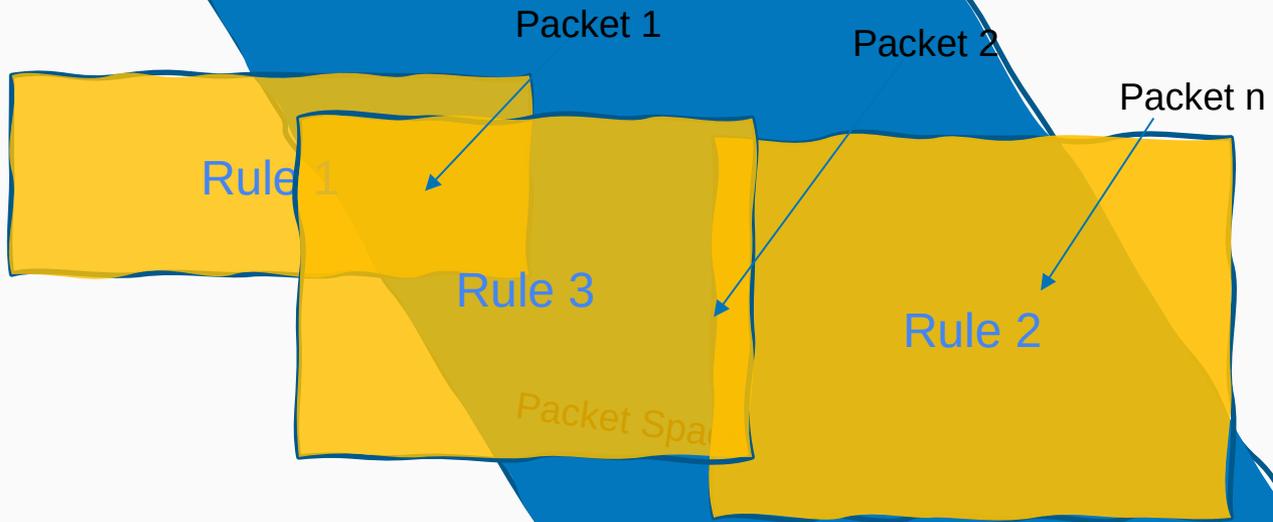
- SCHC performs packets independently of each other
  - No Context Update
  - No Memory
  - Header fields with a changing behavior are not optimally compressed
- SCHC needs a higher knowledge to define Rules

# SCHC flow compression

- Flows are defined by:
  - A sequence of packets with common properties
  - Depending-information among packets to keep control
    - Changing values of these fields in each packet of the flow
      - Ex: Sequence Number, Timestamp, Flow Label
- To optimize the compression
  - Access Control draft helps with updating the TV evolution
  - Use the Yang-model management to optimize the compression of the changing fields
  - Keep reference values
  - Add an Action
    - Create a new type of Rules called Derived Rules

# SCHC compression







- ACTION: Derivable

- The Same Field Descriptors as the based rules
- Use of MSB and boundaries to reuse Derived Rules
- Keep values updated
- Keep reference values
- Rule Manager: decides to create, delete, or update a derived Rule
- At the end of a flow compression, all the derived Rules are deleted

# Action



# Thank you

- Questions?