



UNIVERSITÄT
PADERBORN



UPB — Computer Networks Group

Management of ServiCes Across MultipLE clouds

SCrAMbLE Plug-in Demo

Agenda

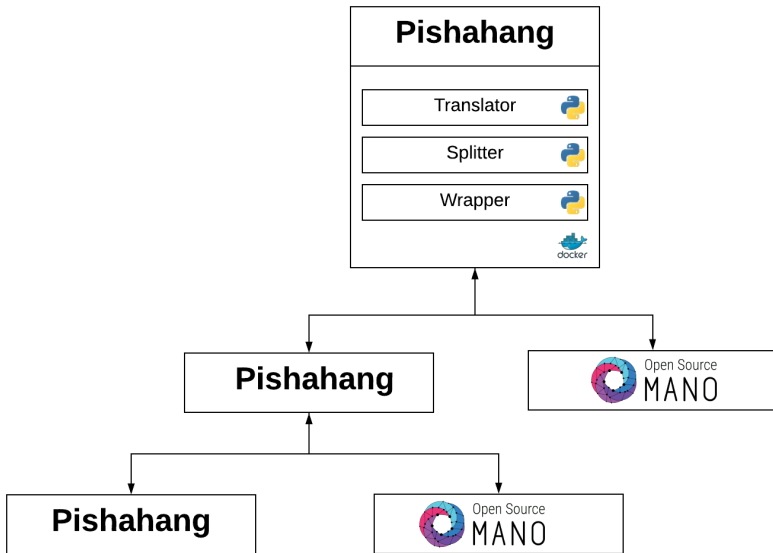
- 1 Introduction
- 2 Architecture
- 3 Translator, Splitter, Adaptor
- 4 Integration
- 5 Conclusion

SCrAMbLE - Requirements Specification

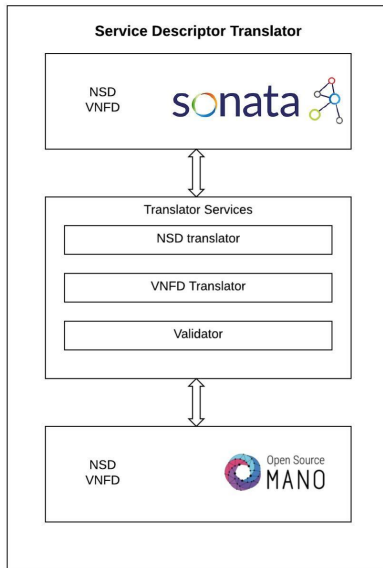
- Translator
 - Translate NSD/VNFD between MANO frameworks
- Splitter
 - Split NSD/VNFD across MANO frameworks
- Adaptor
 - REST API wrappers for MANO frameworks

The background of the slide features a network of light gray dashed lines connecting small gray circular nodes. These nodes are positioned at various points, creating a web-like structure that spans the top and bottom of the slide. The central area is dominated by the word 'ARCHITECTURE' in a large, dark gray, sans-serif font.

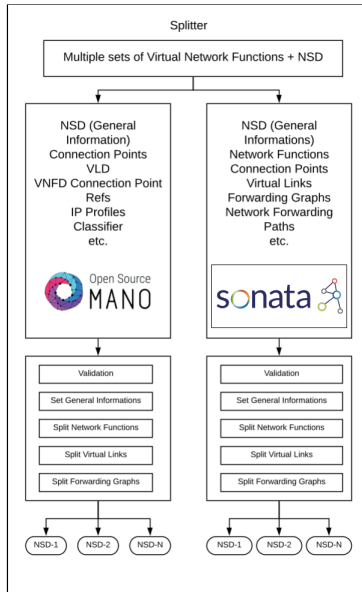
ARCHITECTURE



SCrAMbLE Overview

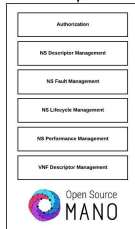
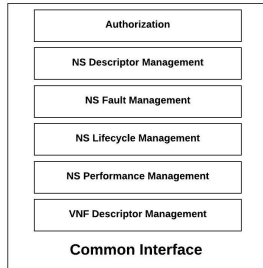


Translator Architecture



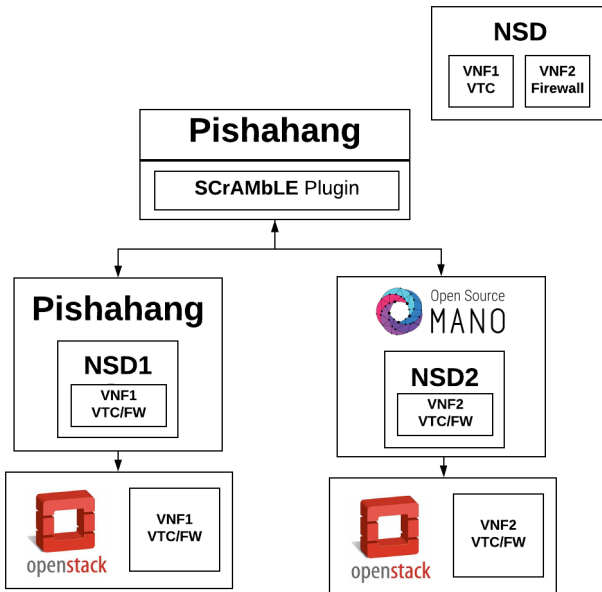
Splitter Architecture

PMW: Python MANO Wrapper





INTEGRATION



Demo Scenario



DEMO —>

Next up

- Feature complete SCrAMbLE plugin
 - GUI
 - Function chaining
 - Two-way communication
- MANO scalability investigation
- Final documentation