

RIFT InterOp

<https://datatracker.ietf.org/doc/draft-ietf-rift-rift/>

IETF118 Hackathon

ZTE中兴

<https://github.com/brunorijsman/rift-python>

JUNIPER
NETWORKS



RIFT

IP ROUTING PROTOCOL BUILT SPECIFICALLY
FOR CLOS/ FAT TREE TOPOLOGIES

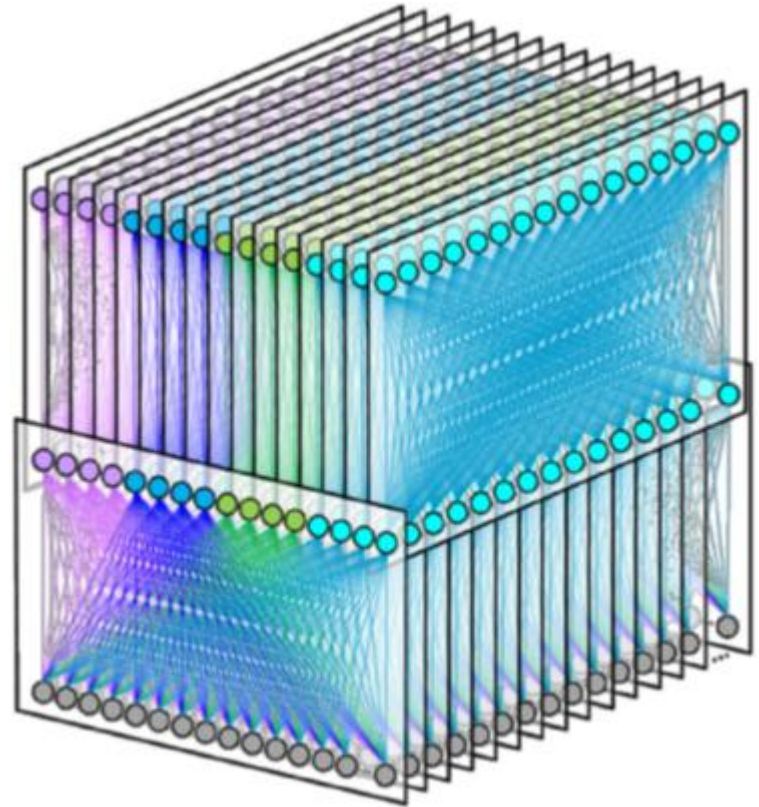
EXTREMELY SCALABLE

NO CONFIGURATION

FULLY MODELLED PACKET FORMATS

THREE KNOWN IMPLEMENTATIONS WITH
10+ PARTICIPANTS IN THE HACKATHON

INTEROPERABILITY TESTS ON DIFFERENT
PARTS OF THE SPECIFICATION



DETAILS

1. TESTS JUNIPER - OPEN SOURCE ON NEWEST DRAFT FULL INTEROPERABILITY TEST
 - FULLY VIRTUAL ENVIRONMENT ON AWS
2. TESTS JUNIPER – ZTE
 - PHYSICAL REMOTE INFRA WITH REAL BOXES AND DOCKER INTERFACES
 - ZTP + ADJACENCY ESTABLISHMENT LED TO IMPROVEMENT OF AN IMPLEMENTATION IN A CORNER CASE
 - FULL FLOODING/DISAGGREGATION WITH DIFFERENT CASES
 - TEST LIMITED BY DOCKER PROBLEMS WITH MULTIPLE INTERFACES EXPOSED
3. LOTS DISCUSSION ON NEW DRAGONFLY+ TOPOLOGY SUPPORT