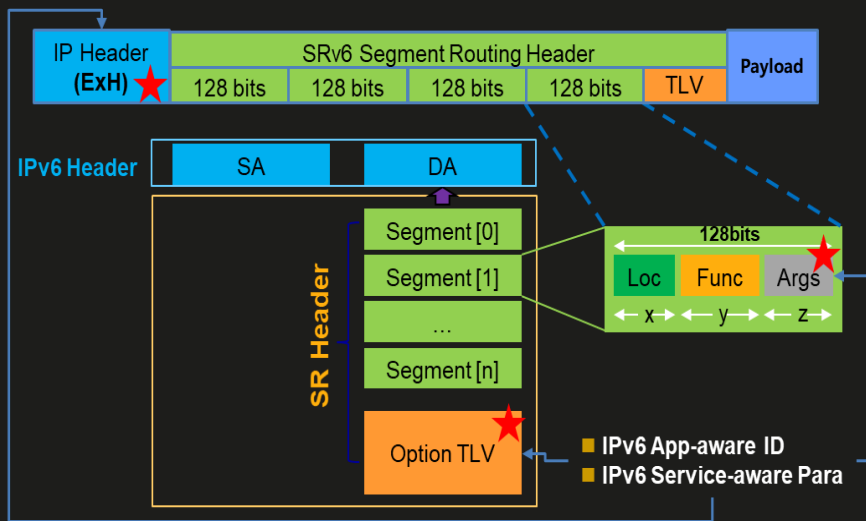




APN6 Milestone

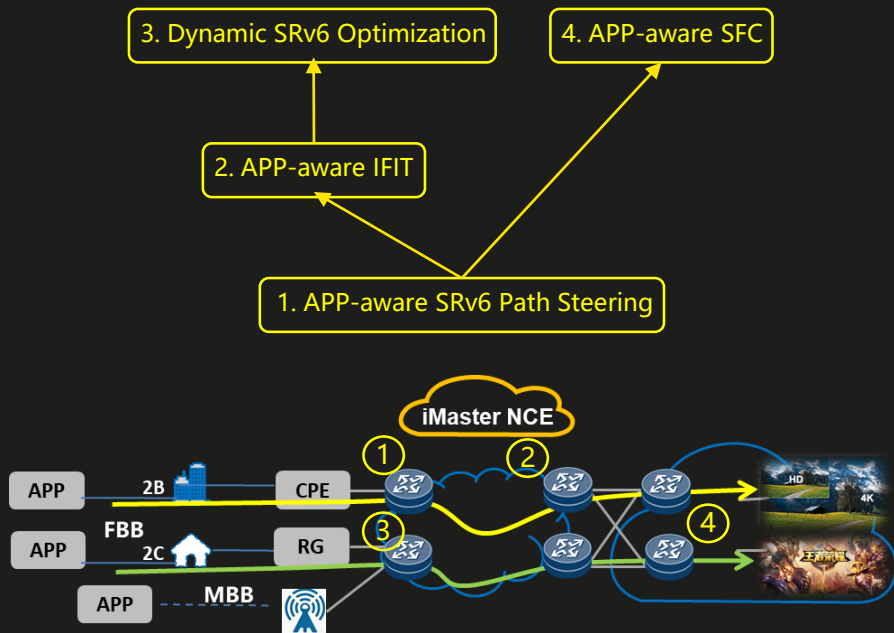
What is APN6?

APN6 utilizes the IPv6/SRv6 three levels of programmability to convey application characteristics information into the network making the network aware of applications

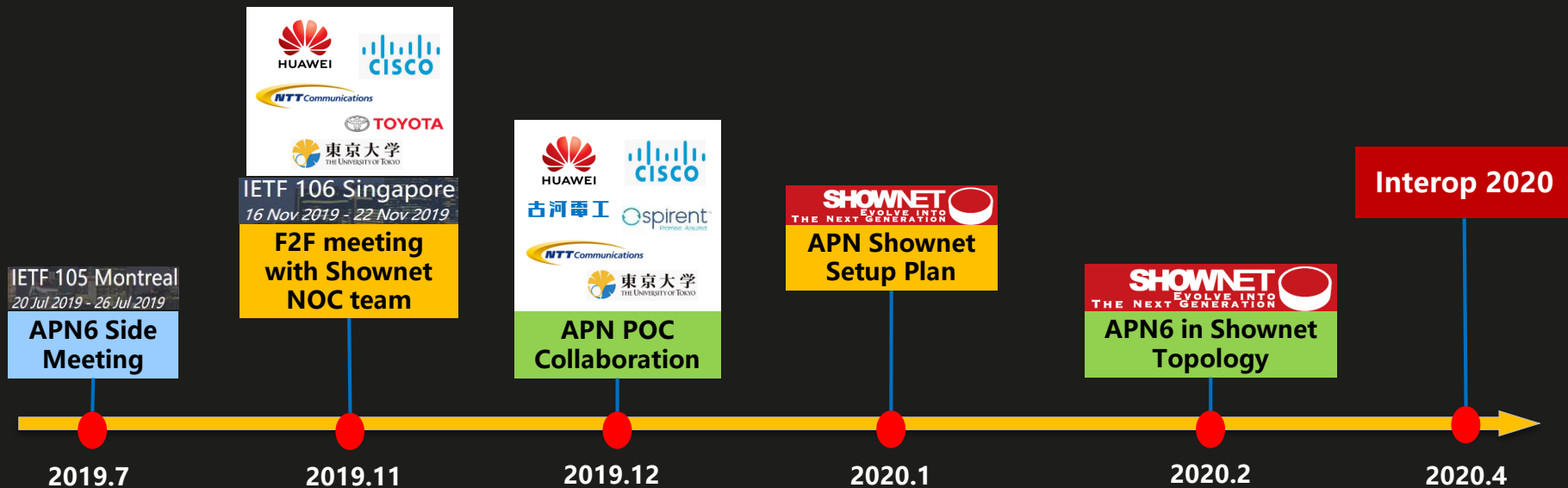


What can APN6 do?

APN6 provides world first's APP-aware features



APN6 Milestone



2019.7 IETF 105



Gov.	 CAICT 中国信通院
Operators	  Deutsche Telekom  SoftBank   中国移动 China Mobile  中国电信 CHINA TELECOM
Vendors	 CISCO  NOKIA  vmware®
Academic	 THE UNIVERSITY OF AUCKLAND NEW ZEALAND  清华大学 Tsinghua University
OTT	 Google  Tencent 腾讯
Verticals	 TOYOTA

APN6 Side Meeting was successfully held, and attracted wide interest of experts from Industry

2019.11 IETF 106

Network Working Group
Internet-Draft
Intended status: Standards Track
Expires: May 7, 2020



Z. Li
S. Peng
Huawei Technologies
D. Voyer
Bell Canada
C. Xie
China Telecom
P. Liu
China Mobile
C. Liu
China Unicom
K. Ebisawa
Toyota Motor Corporation
S. Previdi
Individual
J. Guichard
Futurewei Technologies Ltd.
November 04, 2019

Application-aware IPv6 Networking (APN6) Framework
draft-li-apn6-framework-00

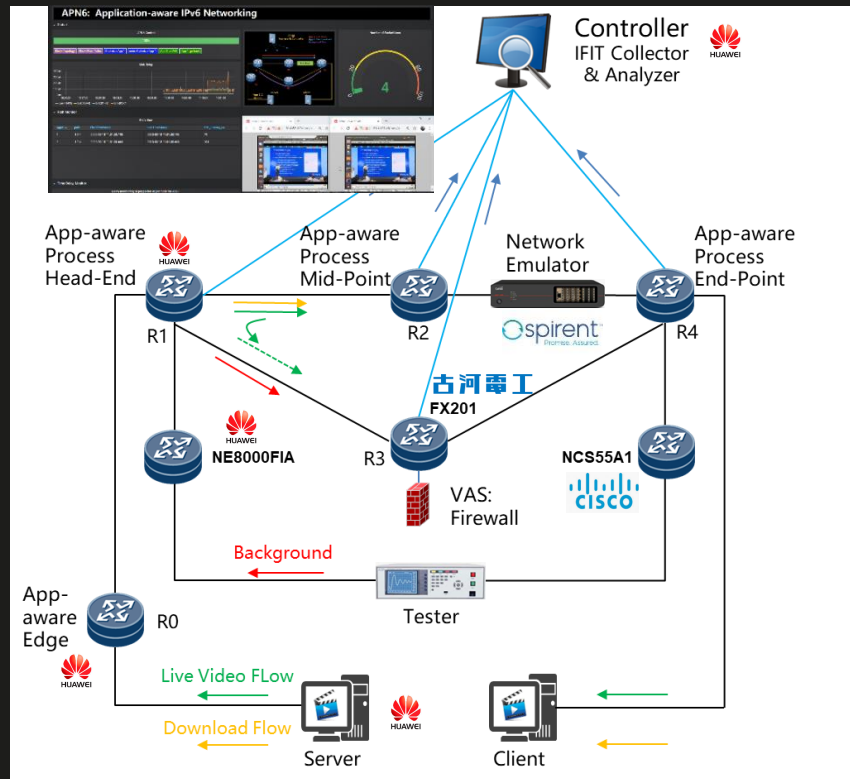
APN6 drafts were published with a number of supporters from wide Industry.
Made the initial APN6 Shownet Plan with the Interop Shownet NOC Team.



2019.12-2020.3 APN6 POC



Huawei APN6 POC Team
Shuping Peng, Jianwei Mao, Ruizhao Hu



Collaborated with the partners to prepare the APN6 Shownet Interoperability.
APN6 POC is set up and demonstrates the APN6 Key features.



2020.1 Shownet Meeting



Met with the Interop Shownet NOC Team and made the concrete APN6 Shownet Plan.



古河電工



東京大学
THE UNIVERSITY OF TOKYO



2020.2.21
Shownet Online Meeting
with NOC Team



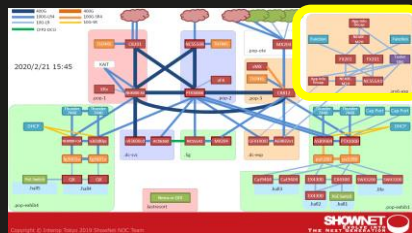
APN6 is the main part of
the Shownet SRv6-exp Topology
Interoperating with Cisco and Furukawa



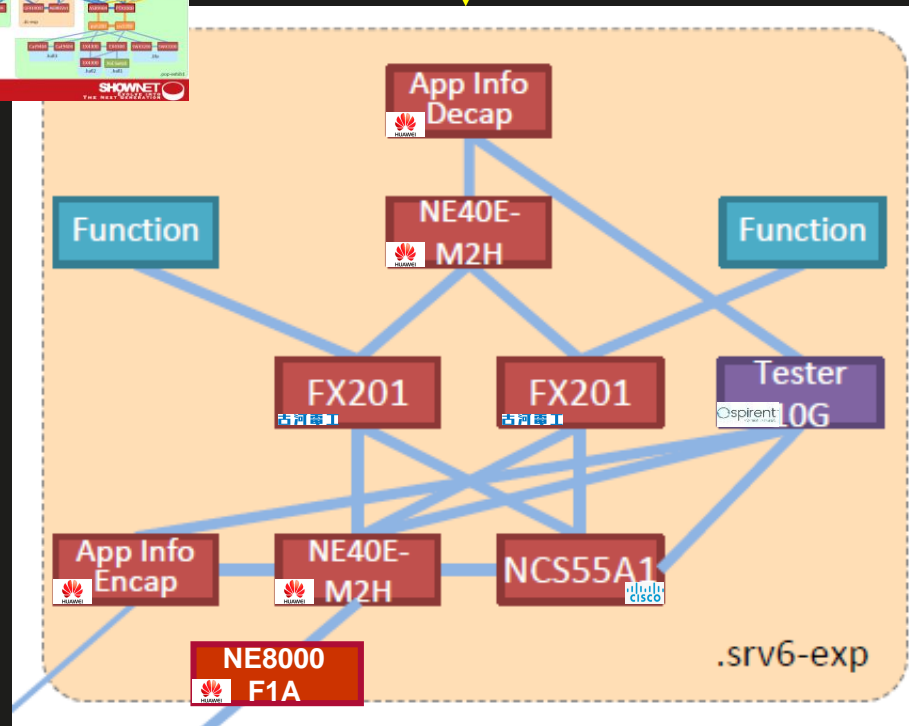
古河電工



ospirent
Promise. Assured.



APN6 in the Shownet
Topology



The productive collaboration has been progressing.
However, it is a pity that Shownet was cancelled at 2020.2.27.



Thanks the Shownet NOC Team for the support and efforts for APN6!



6 Partners

20+ People

15 Devices

2 F2F meetings

3 Video meetings

100+ Emails



Thank you.

把数字世界带入每个人、每个家庭、
每个组织，构建万物互联的智能世界。

Bring digital to every person, home and
organization for a fully connected,
intelligent world.

Copyright©2020 Huawei Technologies Co., Ltd.
All Rights Reserved.

The information in this document may contain predictive statements including, without limitation, statements regarding the future financial and operating results, future product portfolio, new technology, etc. There are a number of factors that could cause actual results and developments to differ materially from those expressed or implied in the predictive statements. Therefore, such information is provided for reference purpose only and constitutes neither an offer nor an acceptance. Huawei may change the information at any time without notice.

Huawei Confidential

