Service Function Chain Use Cases in Broadband

draft-meng-sfc-broadband-usecases
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Scenarios

Internet Access from Homes

Access from Enterprises
vBNAS & vBNG

vBNG

SFs

vBNAS
CGN
DPI
FW

SFFs

SFF
SFF

CPE

Switch

internet

LAST MILE
ACCESS
METRO
EDGE
CORE
Unified CPE

LAST MILE  ACCESS  METRO
IETF 94th

IPTV (forked and nonsymmetric SFC)

ISSUES
One SFC? six duplicated SFCs?
One SFP? six duplicated SFPs?
ISSUE-1

• HOW to manage address pools? WHO advertise route information to external network based on IP address pools.

![Diagram showing network components and address pools](image-url)
ISSUE-2

• For forwarding and control in a stateful SF, Separation OR Centralization
Next Step

• Solicit more comments.
• Adopt the document as a WG item?