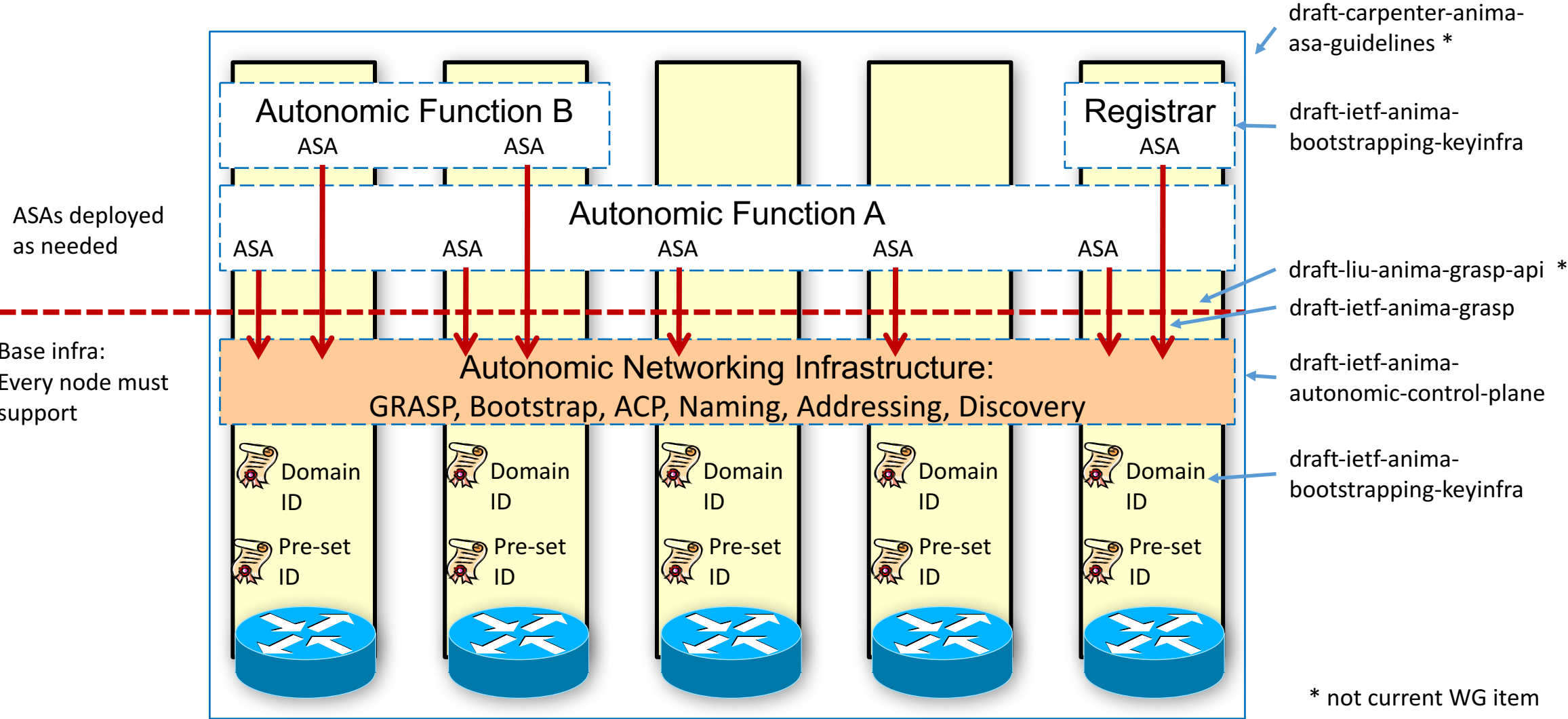


# A Reference Model for Autonomic Networking draft-ietf-anima-reference-model

97<sup>th</sup> IETF, 15 Nov 2016

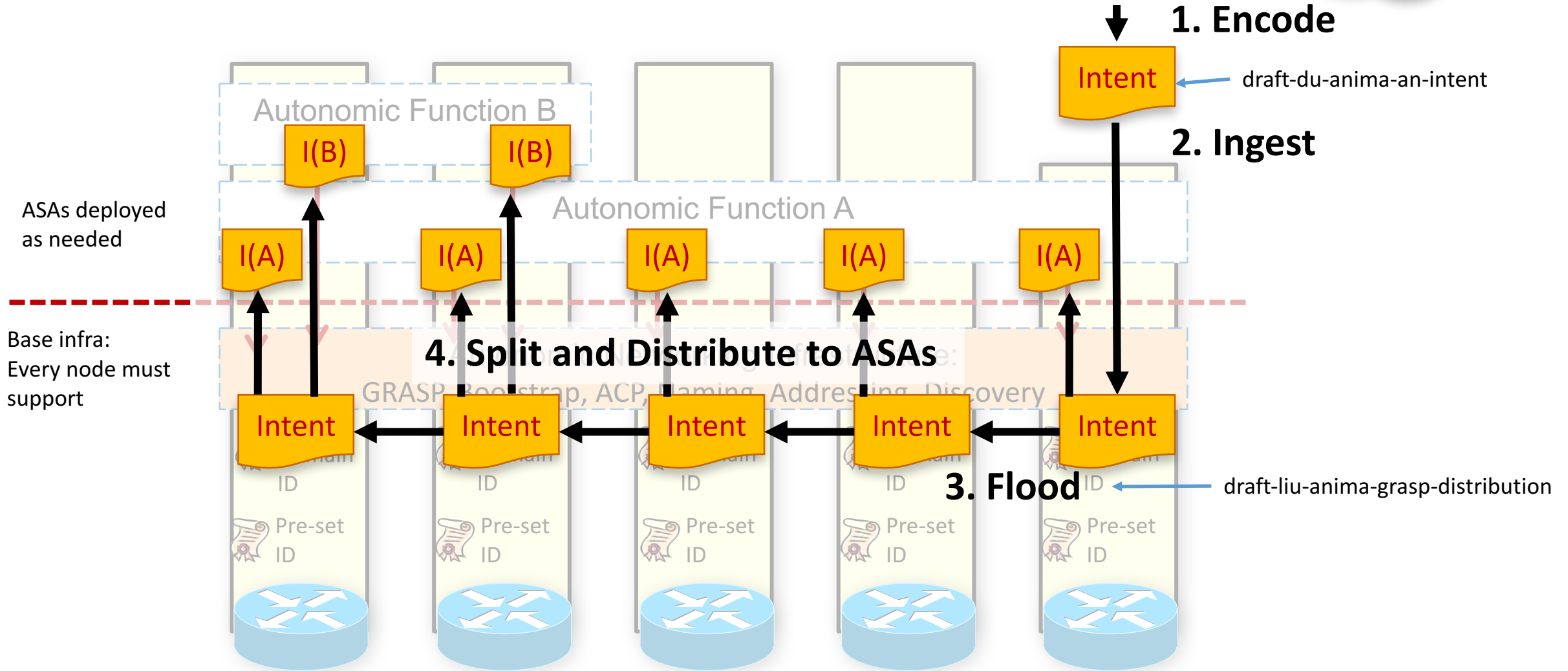
Michael Behringer (editor), Brian Carpenter, Toerless Eckert, Laurent Ciavaglia, Pierre Peloso, Bing Liu, Jefferson Nobre, John Strassner

# Reference Model – High Level View



Network with autonomous functions

# Intent (out of scope for current WG charter)



Network with autonomic functions

# Adjacency Table

- Information about adjacent nodes
  - “Note down what you see” – no judgement yet!
- Used to control autonomic processes, such as constructing the ACP, bootstrapping, etc.

Node-ID	i/f	Link address	ACP address	Domain	Certificate	Validity	Trust
<UDI-1>	Eth0	FE80:...	FD...	Example.com	<cert-info>	valid	Full (In domain)
<UDI-2>	Eth1	FE80:...	-	Example1.com	<cert-info>	valid	No
<UDI-3>	-	2000:...	FD...	Example.com	<cert-info>	Valid	Full (in domain)
<UDI-4>	Eth2	FE80:...	-	-	-	-	-

# State Machine: ANIMA Device

