GALLANTWAVE@scale
GALLANTWAVE @ volume
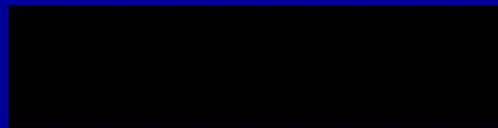
Requirements

§ **@Scale**
- Deploy more widely
- Leverage peering with partner

§ **@Volume**
- Increased system size: 10G -> 40G -> 100G
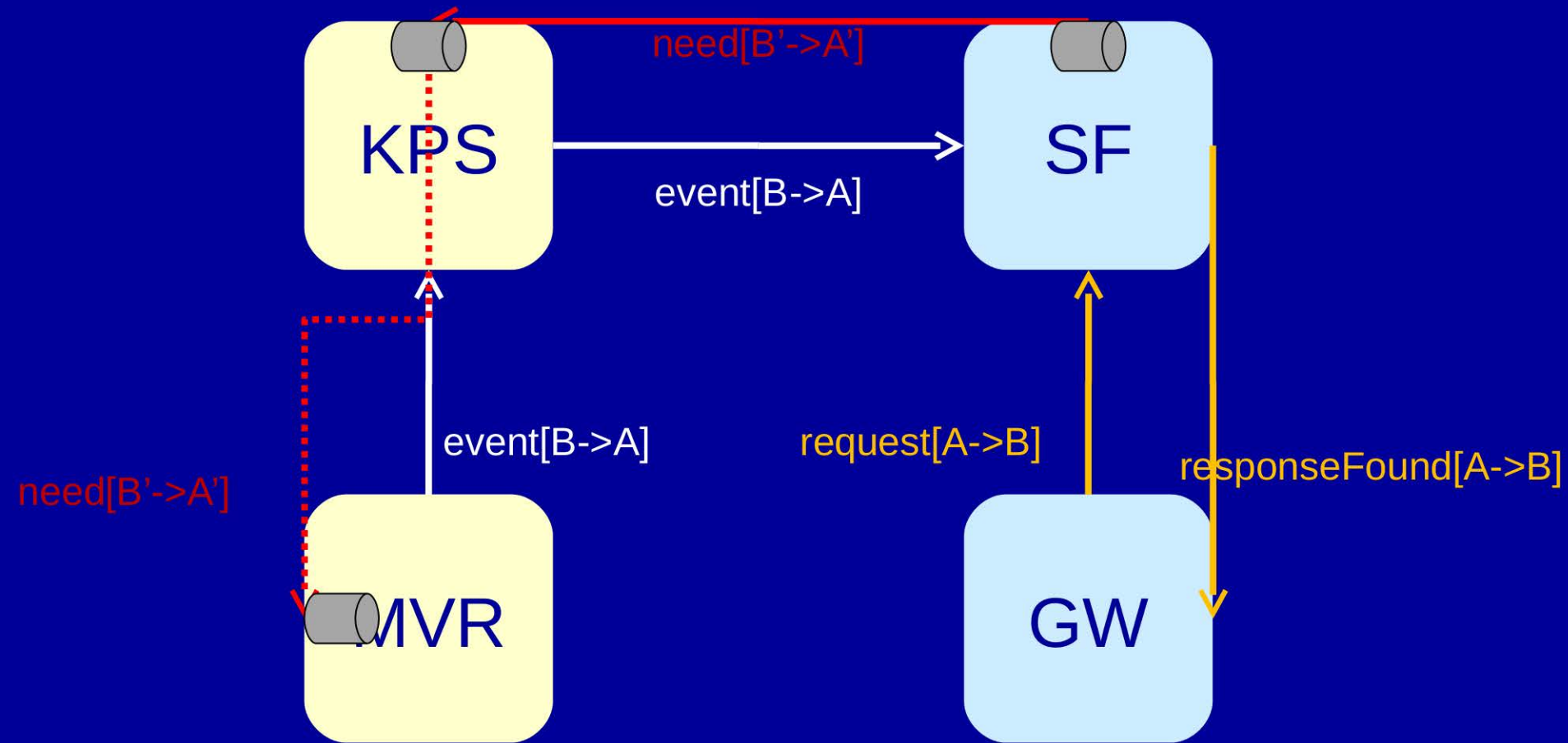- Increased target volumes: CORNERKICK ++

DNCA

@Scale

Need

§ Peer to forward " 'missing' attack-events to LONGHAUL", to LONGHAUL, so LONGHAUL can use them to complete single-sided processing.

§ LONGHAUL to reciprocate.

Approach

§ LONGHAUL to become aware of which 'Events' are not pairing local to agency and to request peer to send (copy) of such events to LONGHAUL

§ Minimise bandwidth required to communicate requests

§ Peering is a back-end (KPS <-> LONGHAUL)

§ Peers process independently

Single-sided A->B using peering

need[B'->A']

KPS

event[B->A]

SF

event[B->A]

request[A->B]

responseFound[A->B]

need[B'->A']

MVR

GW

Filtered pairing

event[B->A]
event[E->F]

responseFound[B->A]

GW-2

request[B->A]

need[A'->B']
need[F'->E']

SF

need[B'->A']
need[D'->C']

responseFound[A->B]

event[A->B]
event[C->D]

request[A->B]

GW-1

responseFound[A->B]