

Naïve Remap Table

(i)

Address	Content
10	10
100	100
200	200

In	Relay
10	10
100	100
200	200

Swap
10 ↔ 100

(ii)

Address	Content
10	100
100	10
200	200

In	Relay
10	100
100	10
200	200

Swap
10 ↔ 200

(iii)

Address	Content
10	200
100	10
200	100

In	Relay
10	200
100	10
200	10


Inconsistent State

Content-aware Remap Table

Address	Content
10	10
100	100
200	200

In	Relay	Content
10	10	10
100	100	100
200	200	200

Address	Content
10	100
100	10
200	200

In	Relay	Content
10	100	100
100	10	10
200	200	200

Address	Content
10	200
100	10
200	100

In	Relay	Content
10	100	200
100	200	10
200	10	100