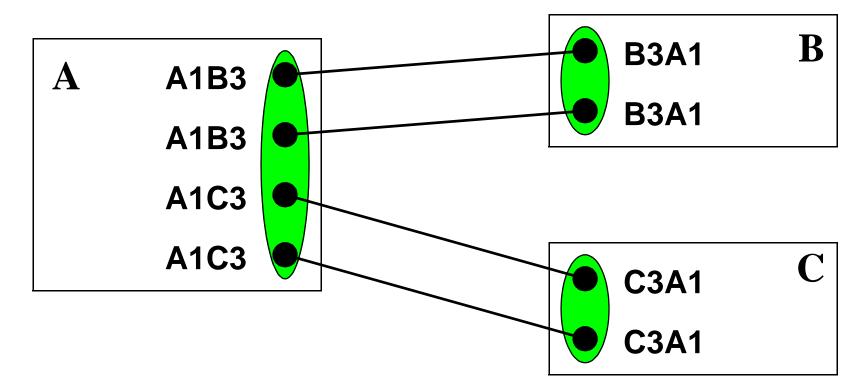
Dynamic Port Keys

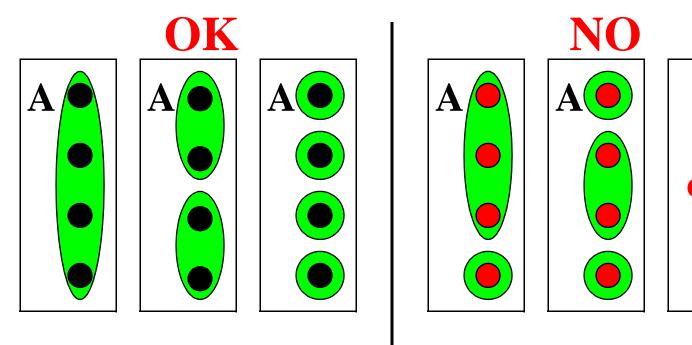
• Keys change to reflect hardware capabilities (e.g. line speed), not connection topology.



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- Keys change to reflect hardware capabilities connection topology.
- Except that hardware limitations may force changes based on connection topology.

Suppose hardware limits aggregation

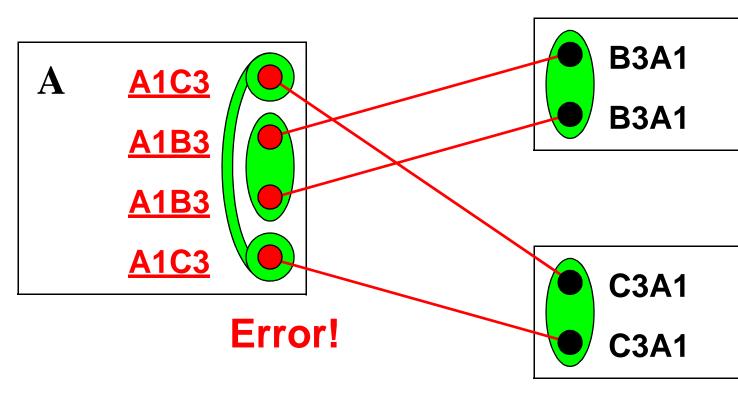


Dynamic Port Keys

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- Keys change to reflect hardware capabilities connection topology.
- Except that hardware limitations may force changes based on connection topology.



Suppose we cross wires:

Dynamic Port Keys

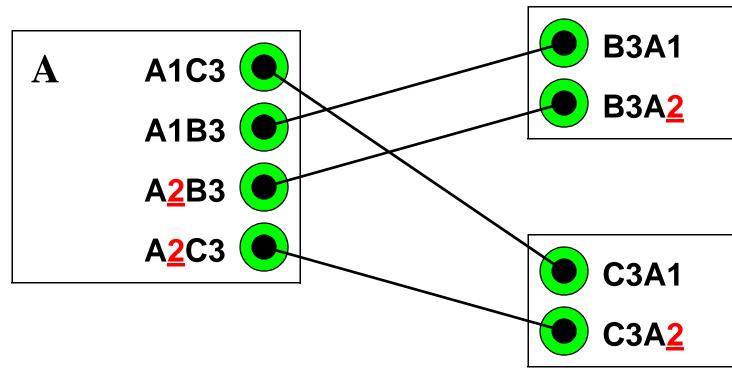
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- Keys change to reflect hardware capabilities connection topology.
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Changing A's port keys prevents an illegal ag



Dynamic Port Keys

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- But, if keys can change, an instability is poskey change causes his keys to change, which keys to change back to their original state, v causes ...
- A fix:

If we insist that key changes caused by the control topology only proceed in the direction of more aggregation to less aggregation, then we can convergence.

• Of course, if the hardware configuration characteristic the operator intervenes, the keys may change in the direction of less-to-more aggregation.

Dynamic Port Keys IEEE 802.3ad Link Aggregation November 10, 1998 Norman Finn

Dynamic Port Key Change Ru

- Keys change to reflect hardware capabilities connection topology.
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- Key changes caused by the connection topol only proceed in the direction of more aggreg less aggregation.

Dynamic Port Keys

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