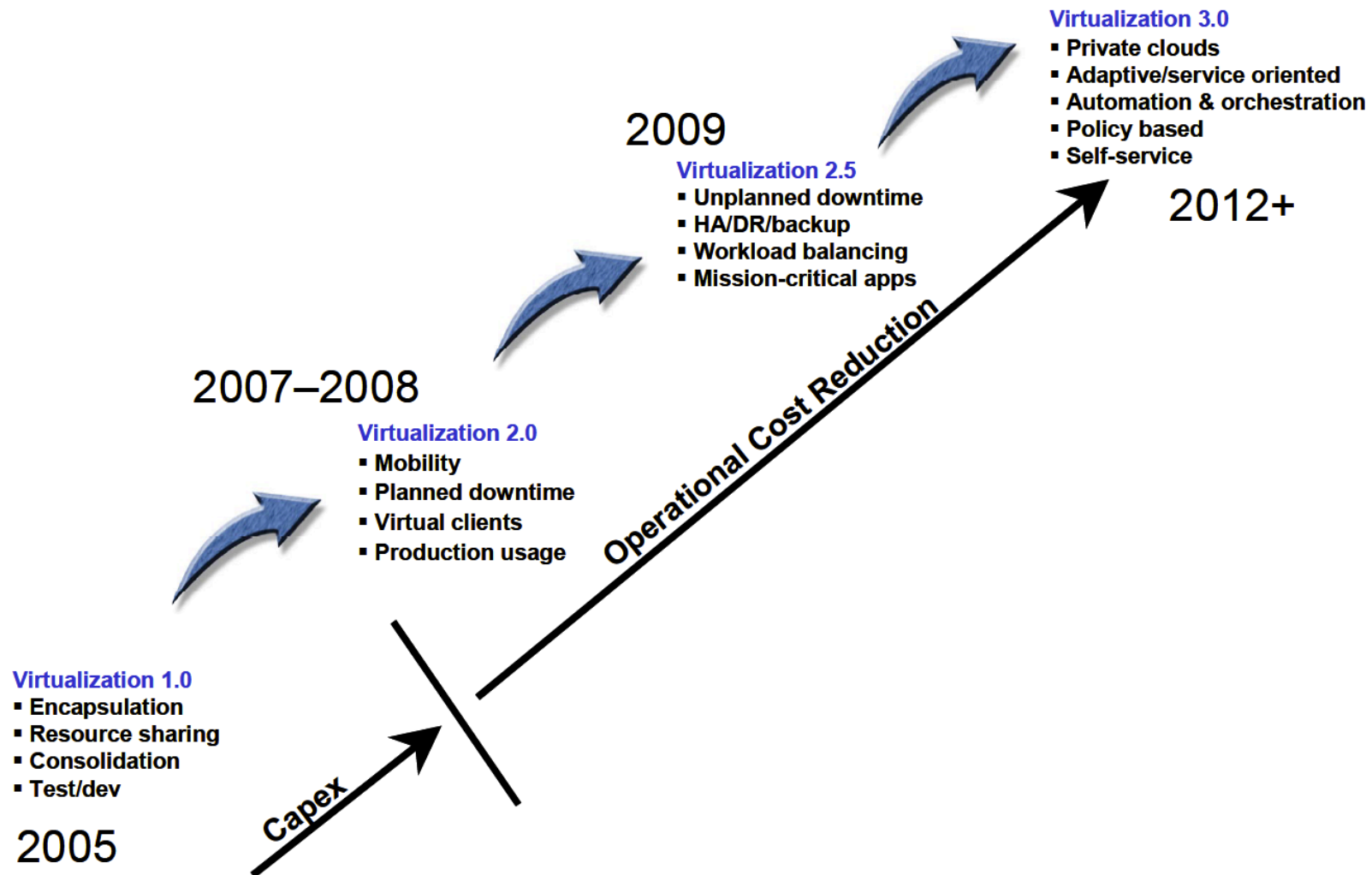


Convergence Between Traditional and SDN-based Networks

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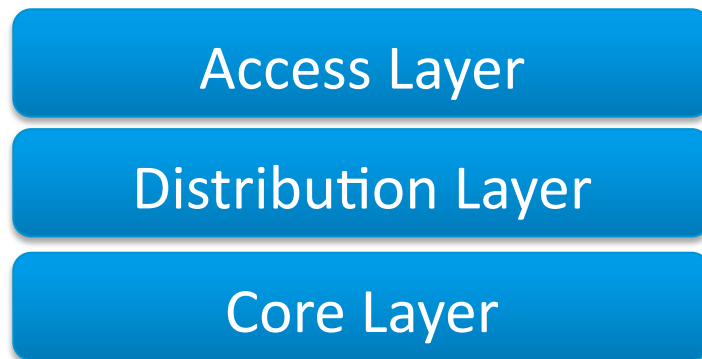


What's Driving the Paradigm Shift in Networking?



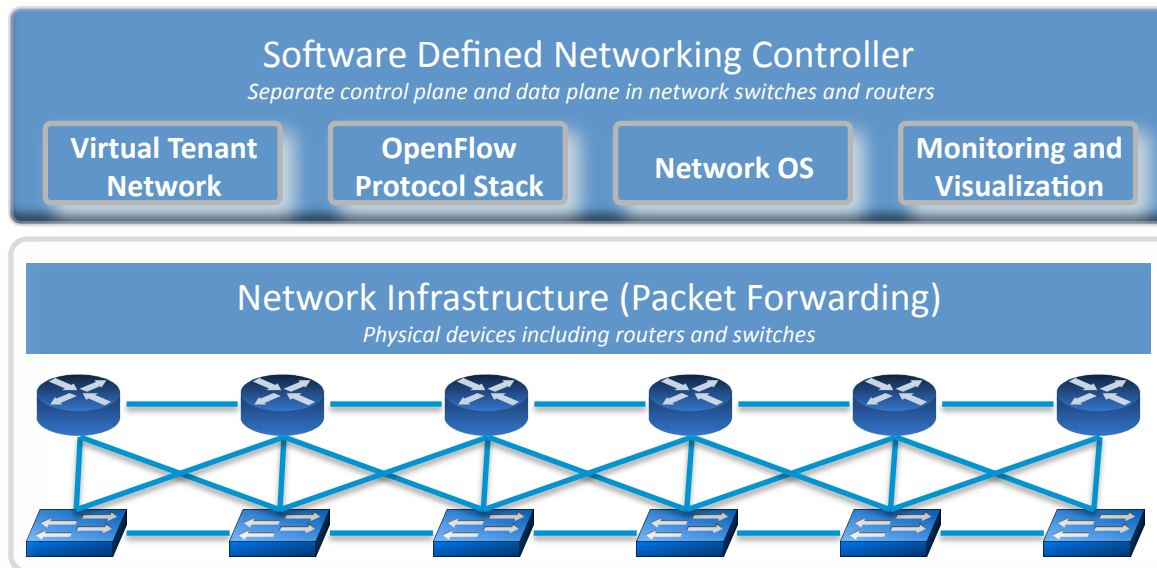
The Problem with Traditional Networking

- Hierarchical structure of datacenter networks:
- Application density adds East-West traffic:



- Connecting everything leads to looping issues.

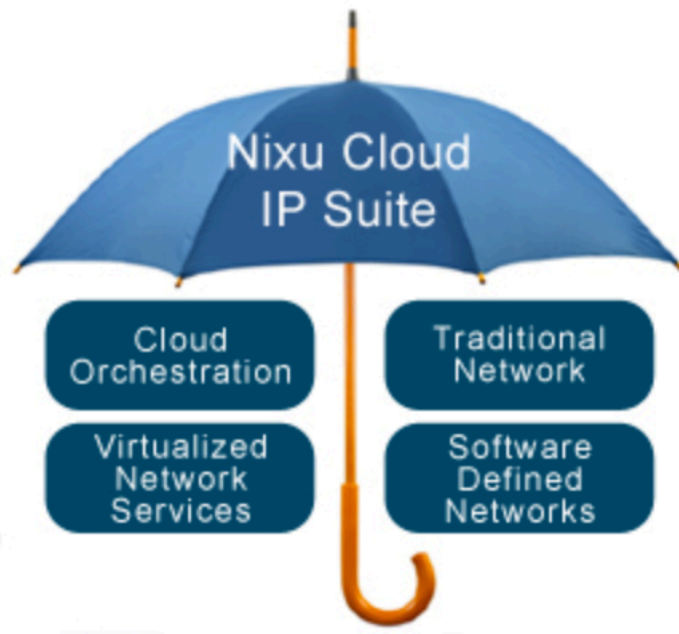
Software-Defined Networking



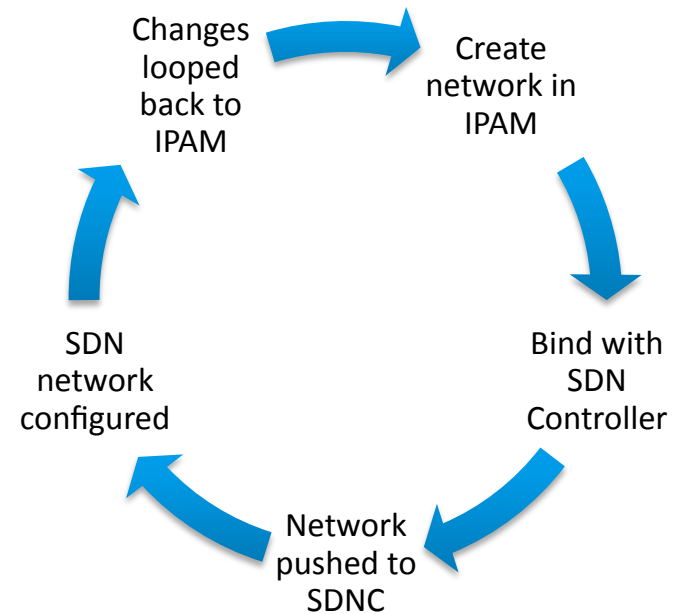
- Separating the control and the data planes:
 - Control and management in virtualized controller
 - Physical devices dedicated to control plane activity
- More efficient, better scalability.

Managing the Transition

- What you need is an umbrella:



- And some automation:



Thank you!

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