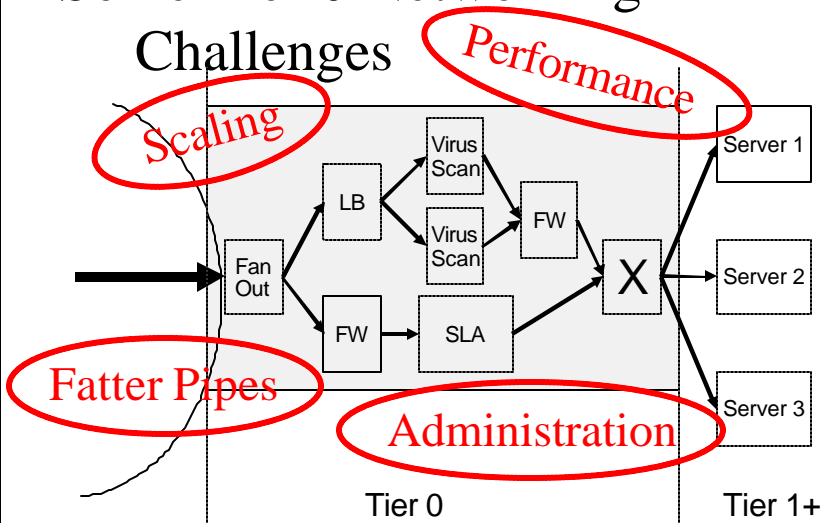


Tier 0 Network Service Integration using Network Processors

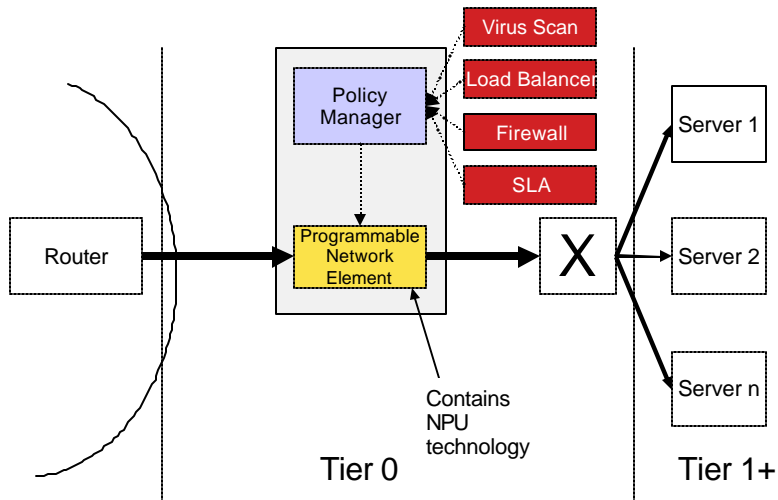
Christoph Schuba
Sun Microsystems, Inc.



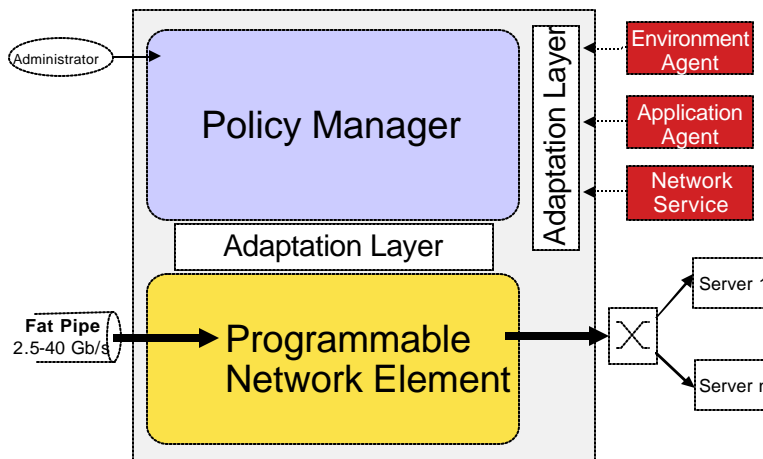
Some Tier 0 Networking Challenges



NPU at the Data Center Edge



Architecture



Research Focus

- ? Mapping of service semantics to hardware semantics
- ? Aggregation, unification, validation of service rules and actions
- ? Open standards-based architecture (NPF, IETF)
- ? Distributed enforcement

Questions?

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