

Networking as a Service

Dan Mihai Dumitriu
CTO

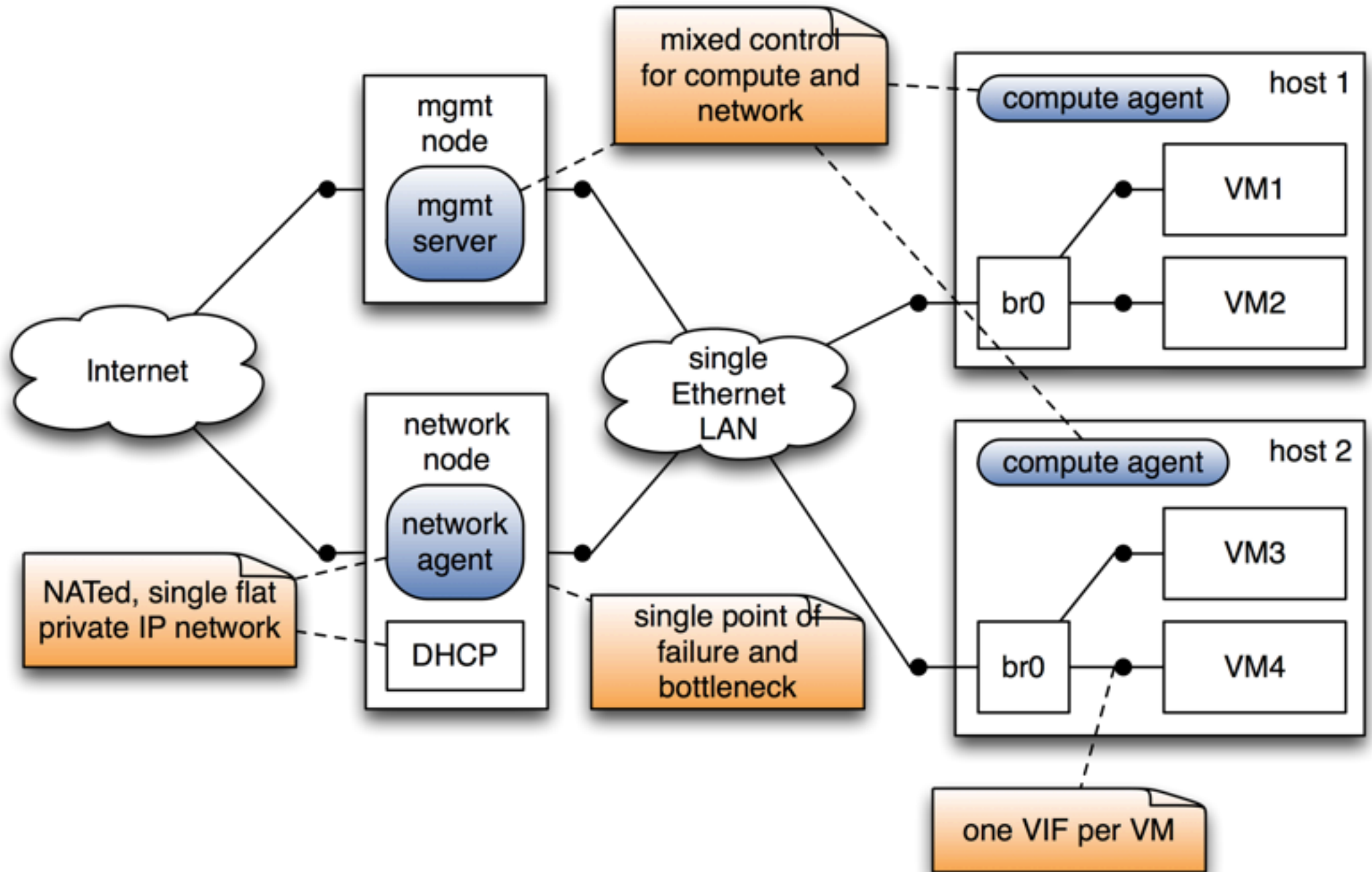


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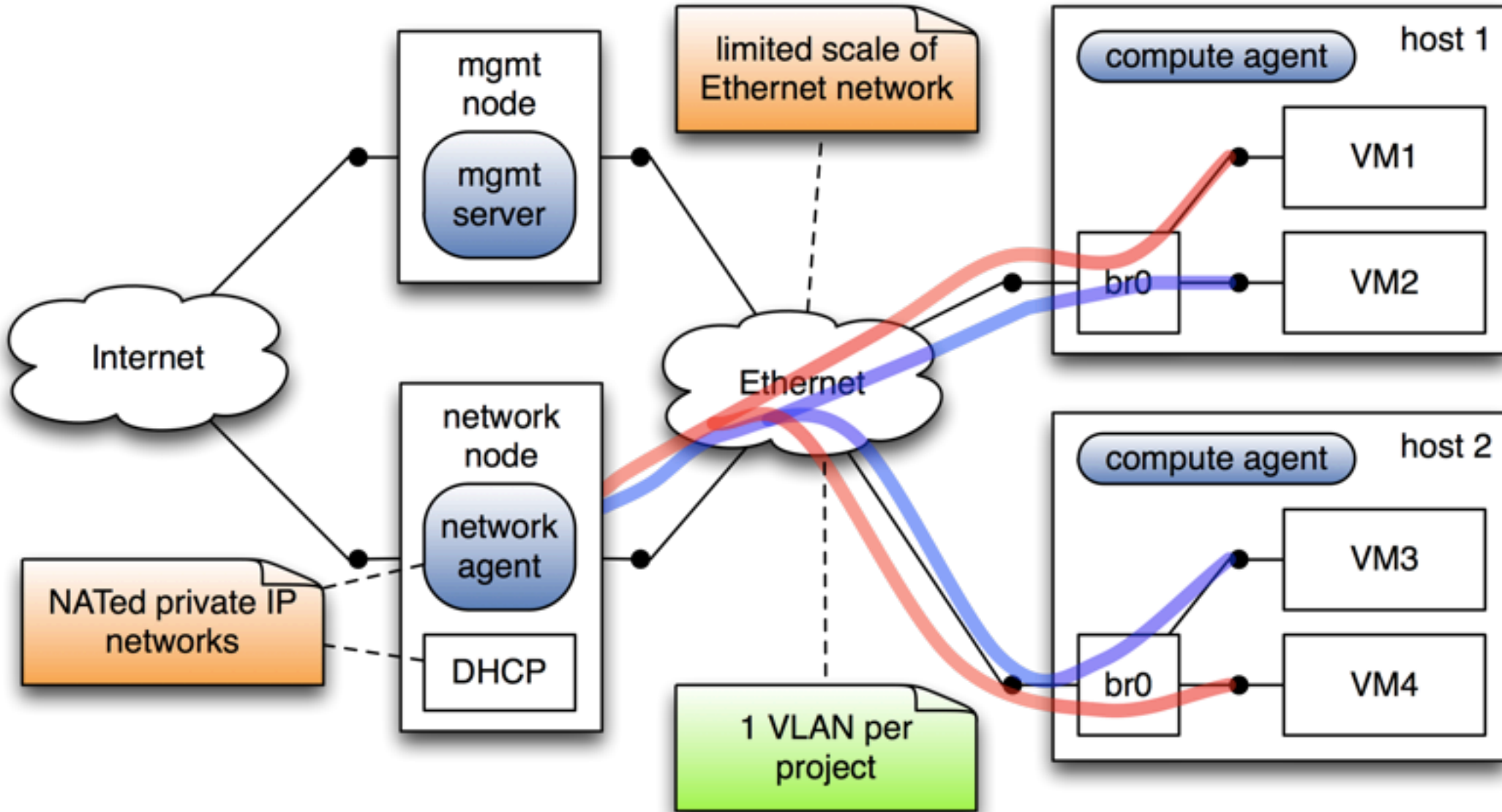
Current Nova Network Model



Flat Network Model



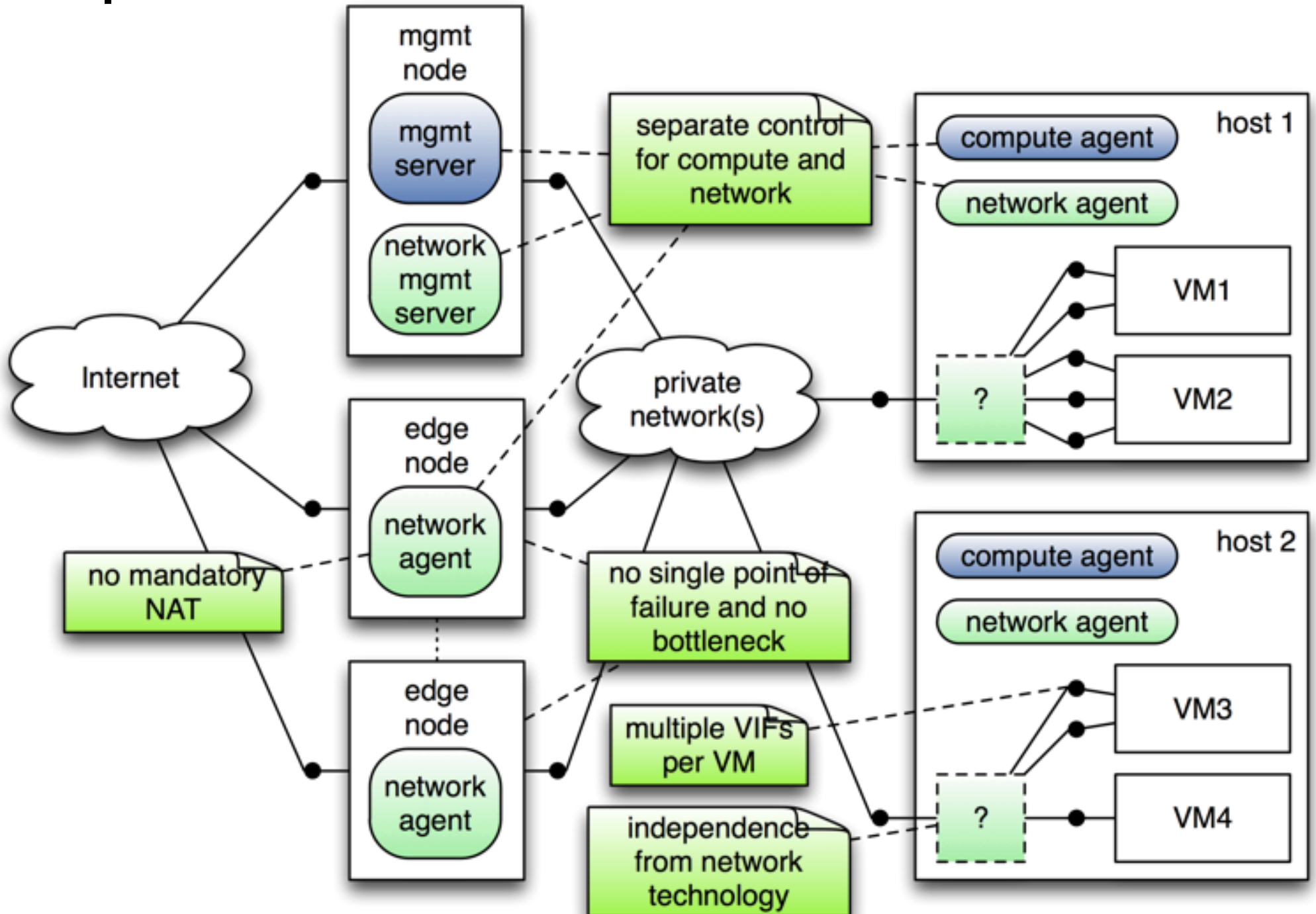
Multiple VLAN Model



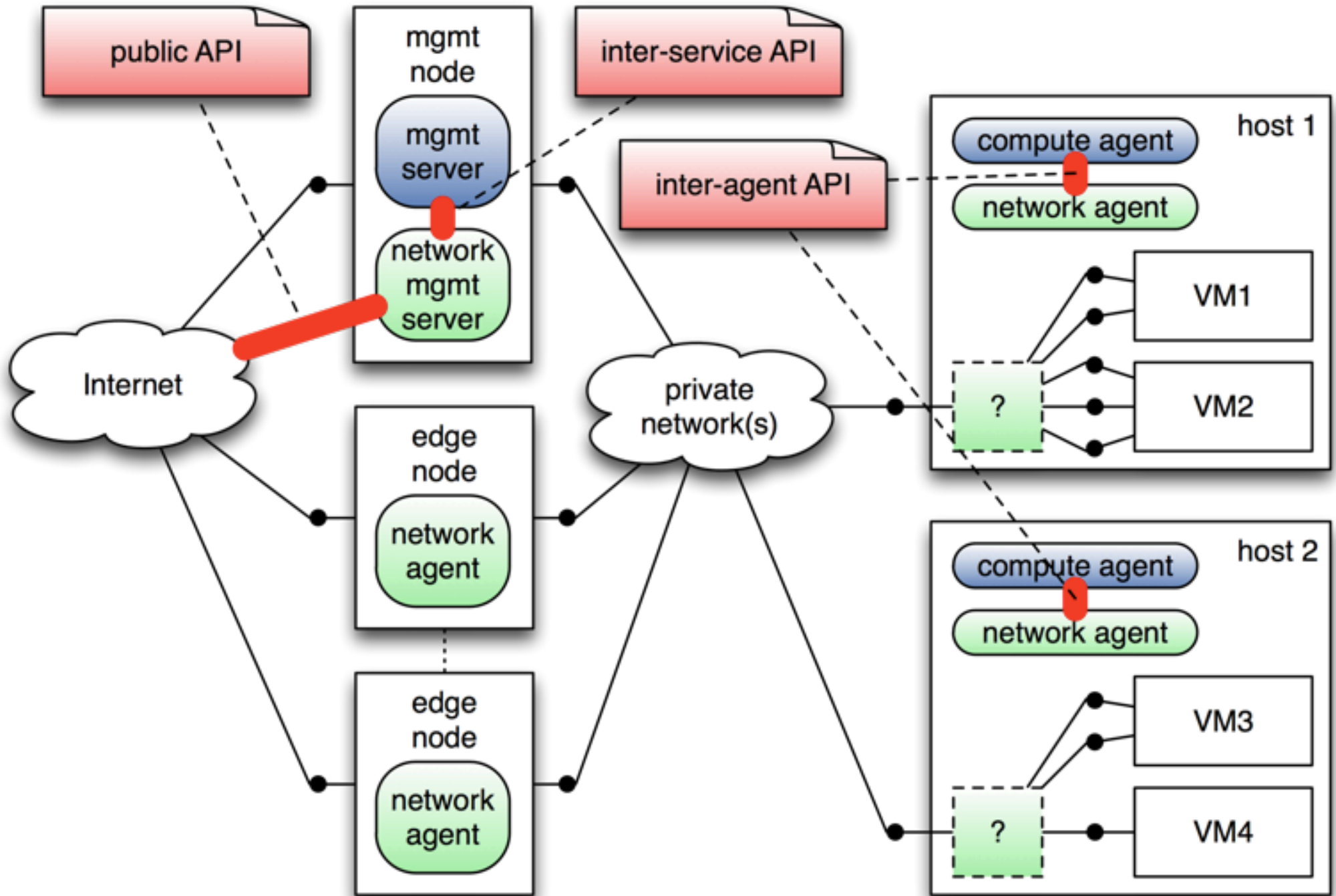
Bexar Network Service



Proposed Architecture



Network Service APIs

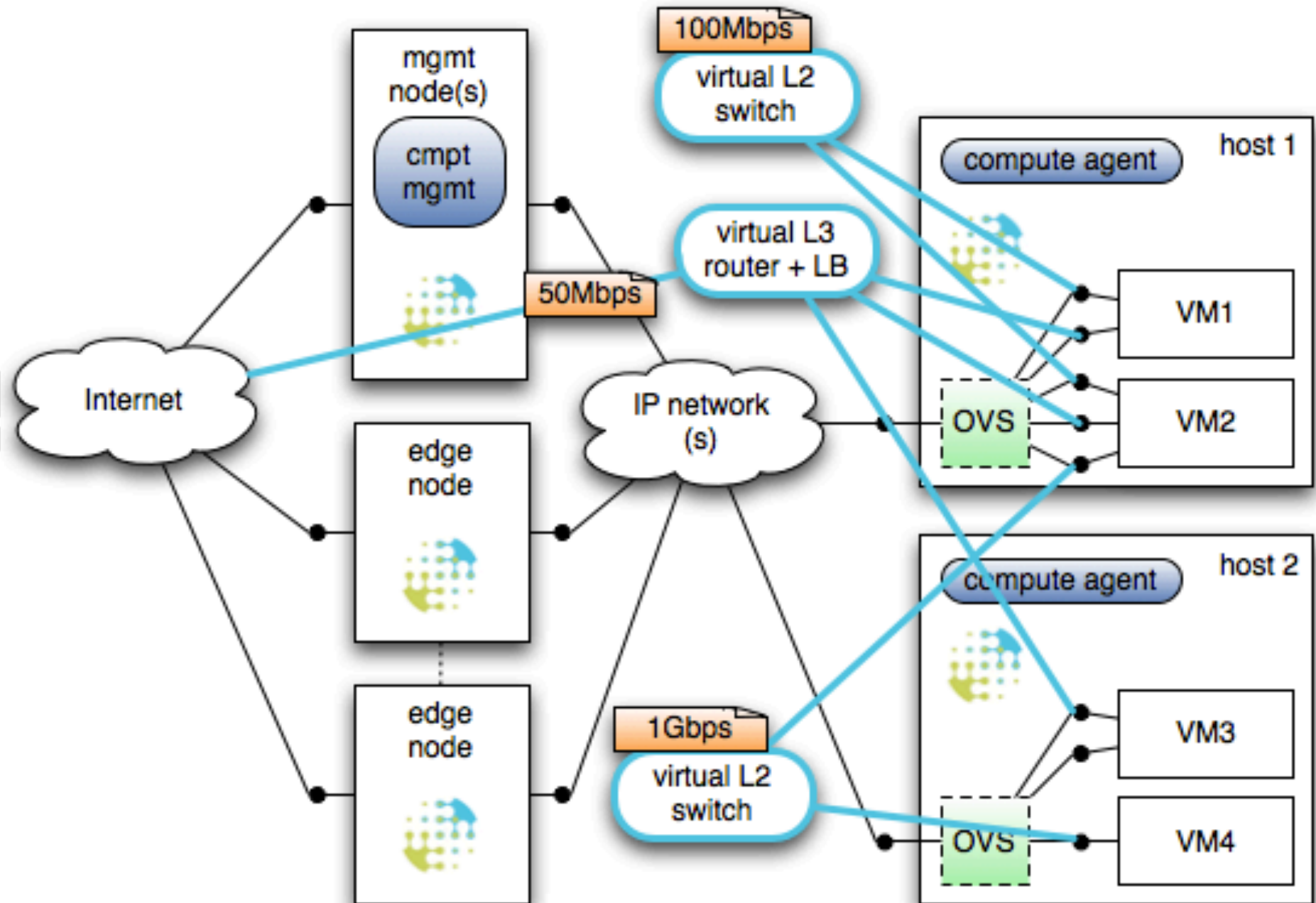


MidoNet

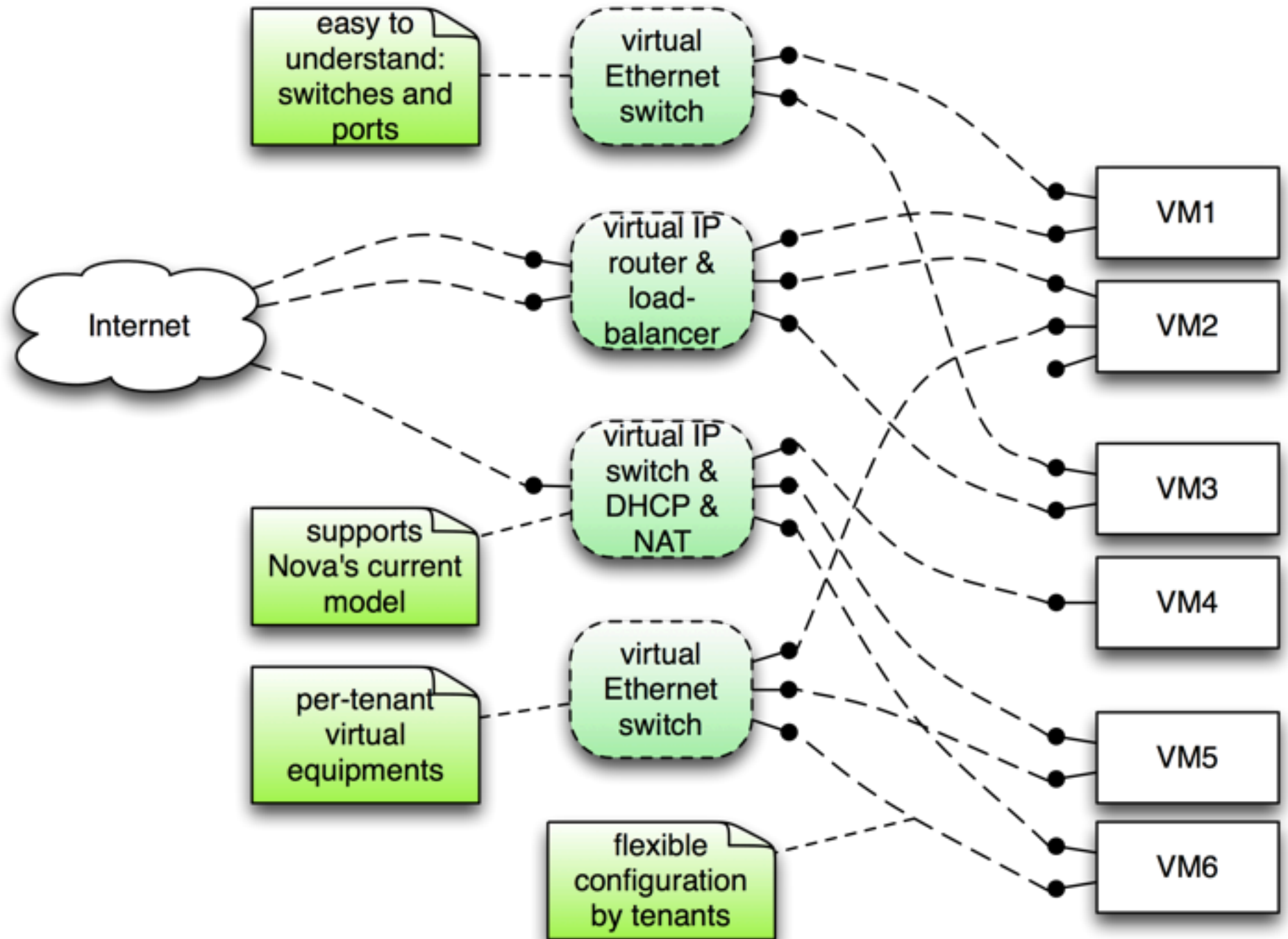


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Virtual Device Model



Networking as a Service

- Self service networking
 - Virtual Device Centric Model
- QoS
 - Fault tolerance
 - Scalability
- Integrated Services
 - Connectivity
 - Security
 - Load Balancing
 - Address Management
 - Pluggable virtual devices

More to come...



openstack™