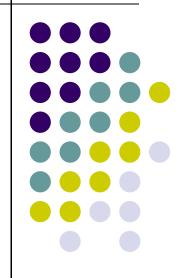
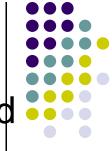
Virtual Machine Mobility Protocol Using Distributed Registrations



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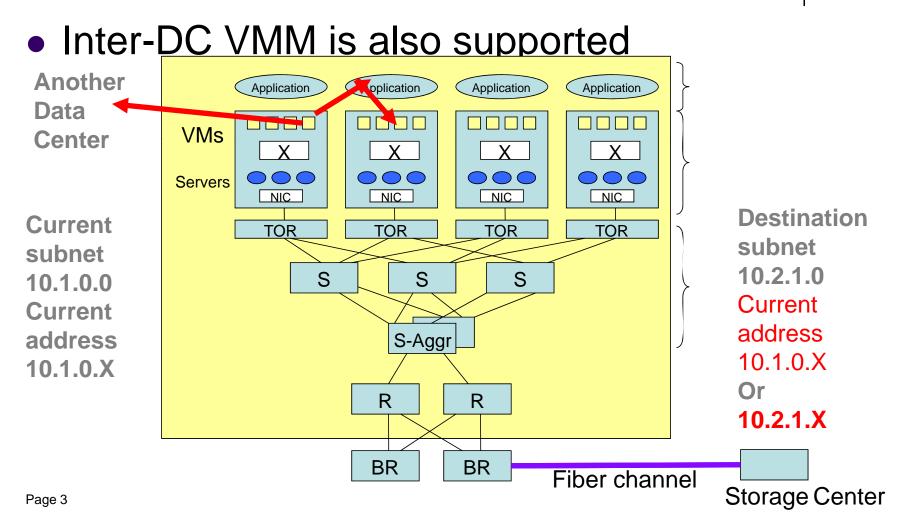
Virtual Machine Mobility Problem



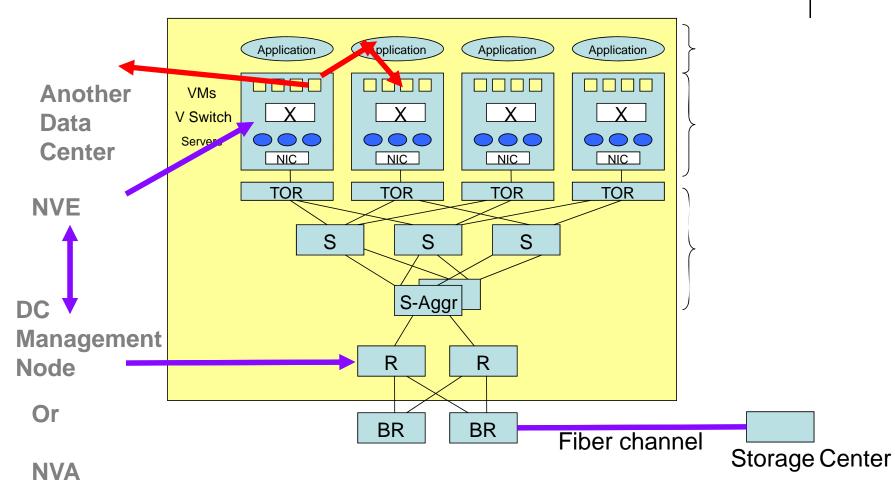
- Section 3.3 in RFC 7365 defines hot and cold
 VM Mobility
- Section 3.2 in RFC 7364 discusses the need to keep existing transport connections, i.e. keep IP addresses same after move
- Our Solution:
 - If VM address changes VM gets a new address and NVE registers it with NVA or VM Manager and then host routes and triangle routing are used but no tunneling
 - If VM address does not change similar mechanisms can be used to establish host routes
 - Use BGP updates to optimize routes

Data Center Virtual Machine Mobility

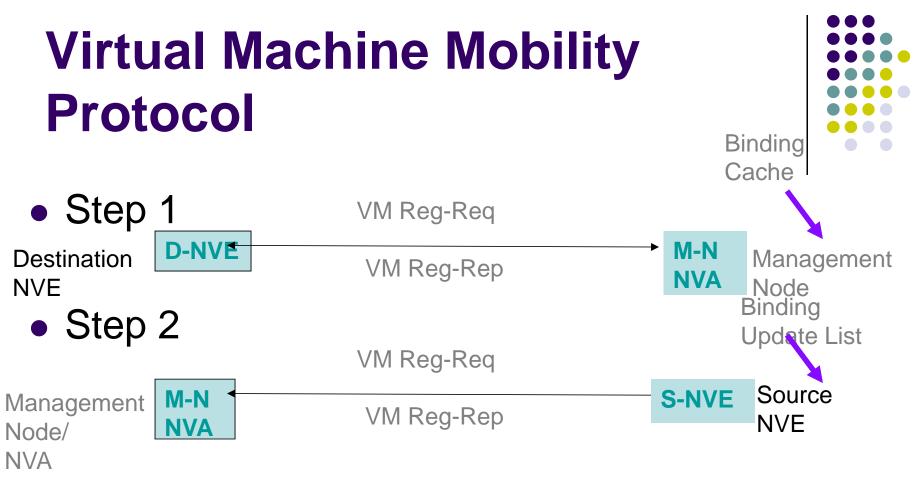




Data Center Virtual Machine Mobility

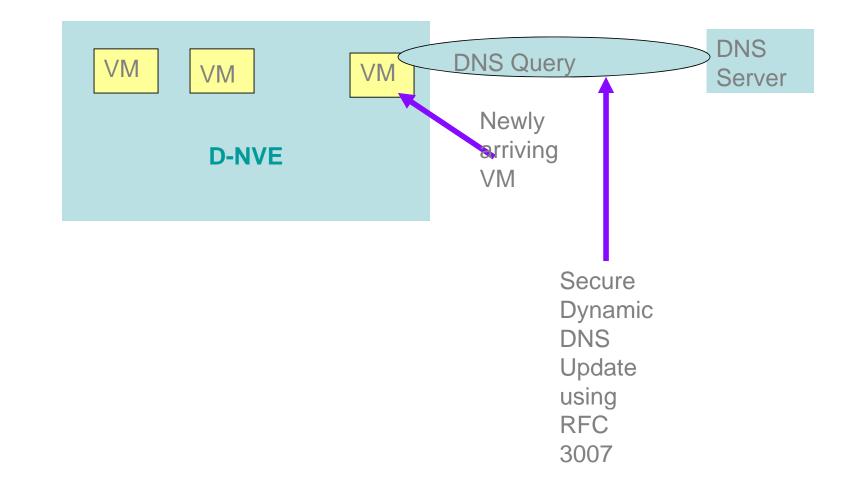


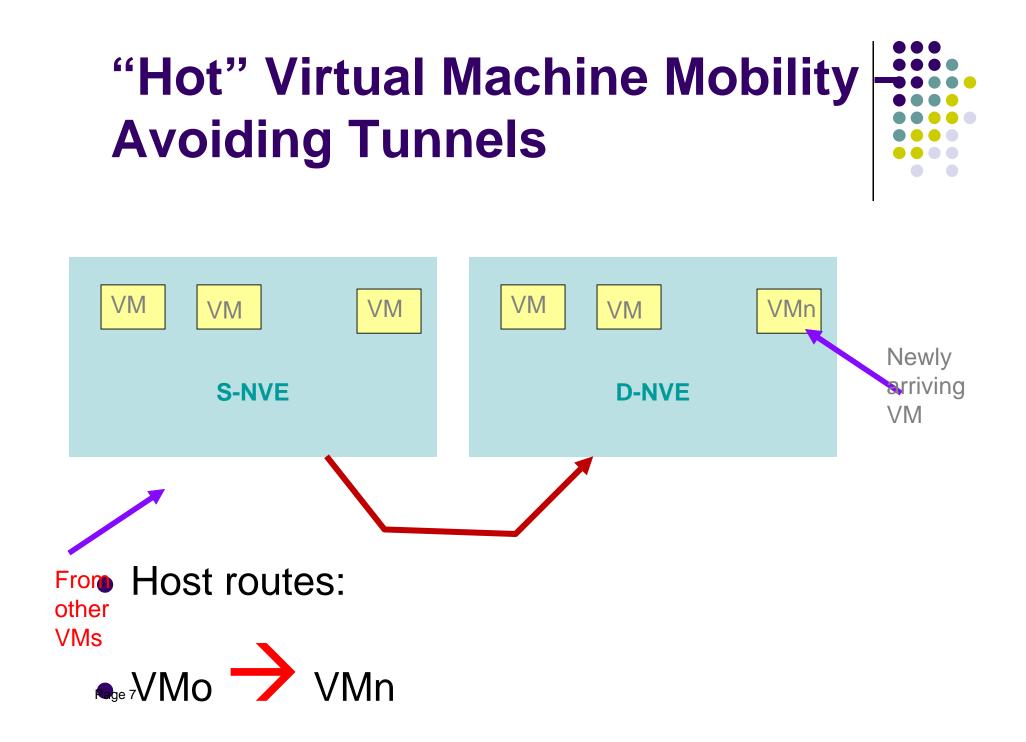
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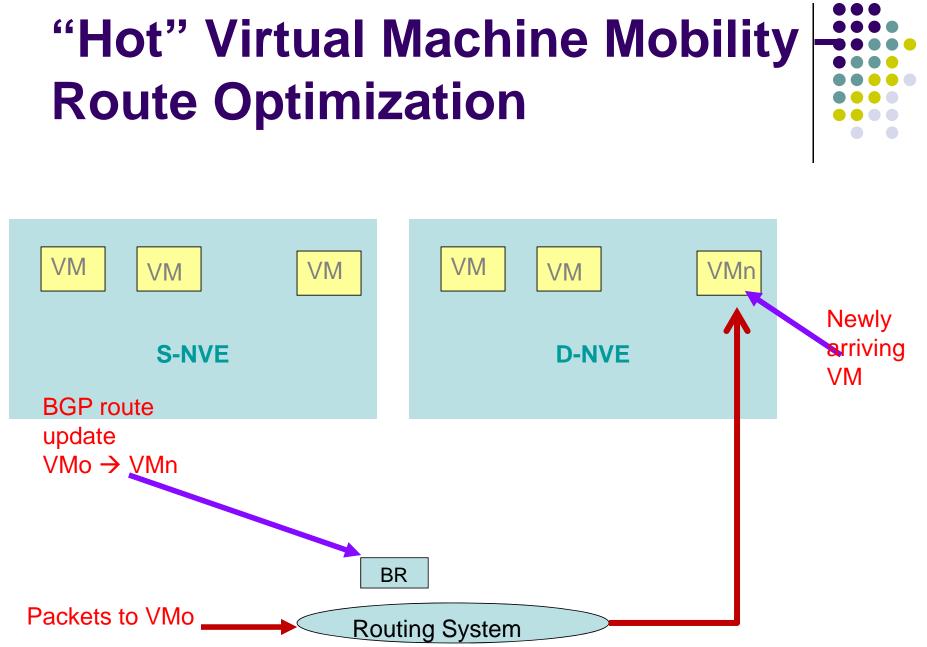


Each S-NVE establishes host routes









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Next Steps



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