

Configure Hyper-V Networking



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What This Module Covers



Configure Hyper-V virtual switches

Add and remove vNICs

Configure network isolation

Configure bandwidth management

Configure synthetic and legacy vNICs

Configure MAC addresses

Optimize network performance

Configure VMQ

Configure NIC teaming in VMs

Enable RDMA on network adapters bound to a Hyper-V virtual switch using SET



Understand NIC Teaming for Hyper-V

Don't

Third-party teaming

Stand-alone LBFO teaming

In-the-VM teaming

Switch Embedded Teaming

Full Microsoft SDN stack



Configure NIC Teaming in VMs

Two or more pNICs on Hyper-V host

Multiple pSwitches on same Layer 2 subnet

Create two external Hyper-V vSwitches,
each to a different pNIC

Connect VMs to both external vSwitches

vNIC teams must be configured as Switch
Independent using Address Hash mode

Teams of >2 vNICs are possible but not
supported



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Implementing Windows Server 2016 Hyper-V



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