Build Your Virtual Switches

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Build Virtual Switches

Topics in This Module:

Types of Virtual Switches

Creating Virtual Switches

Types of Virtual Switches

Virtual Switches

External – VMs can see:
- Each other, the host, the external network

Internal – VMs can see:
- Each other, the host

Private – VMs can see:
- Each other

Creating Virtual Switches

Build Your Virtual Switches

One private, one external:

Globomantics Denver
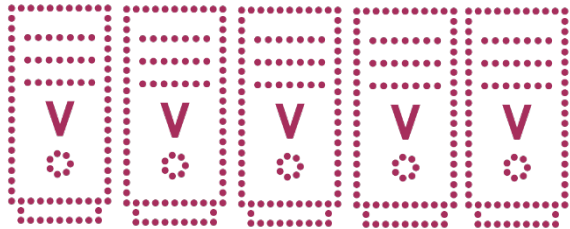– Private network type

Globomantics Internet (External)
– External network type
– Link to physical adapter on host
– Configure DHCP on external network

Keep switch configuration simple
– No need for VLANs, SR-IOV, *etc.*

Virtual Machines

GM-DC1 (Server 2016)

- Domain controller, file server, DNS
- AD Certificate Services (optional, *e.g.* for VPN certificates)

GM-WS1, GM-WS2 (Windows 10)
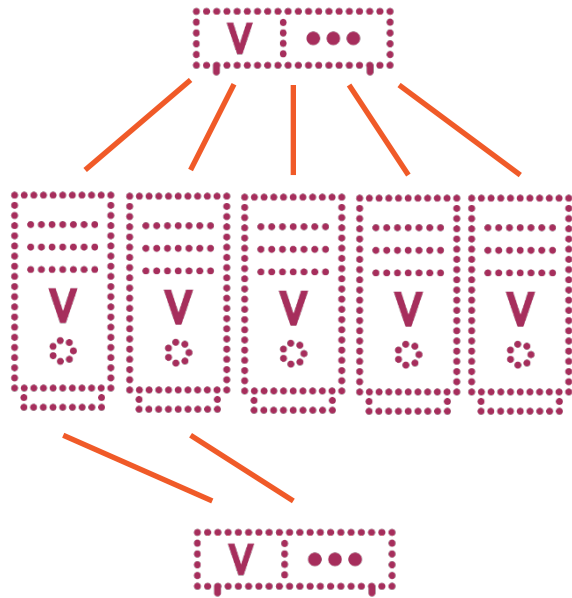
- Employee workstations

GM-WSUS (Server 2016)

- WSUS server

GM-RAS1 (Server 2016)

- Router, remote access server

Virtual Switch Assignments

GM-DC1: Denver

GM-WS1: Denver

GM-WS2: Denver

GM-RAS1: Denver, Internet (External)

GM-WSUS: Denver, Internet (External)

Internet connection optional but lets you run GM-WSUS without GM-RAS1

Demo

Explore Virtual Switch Settings

You're Ready to
Build Virtual Machines!