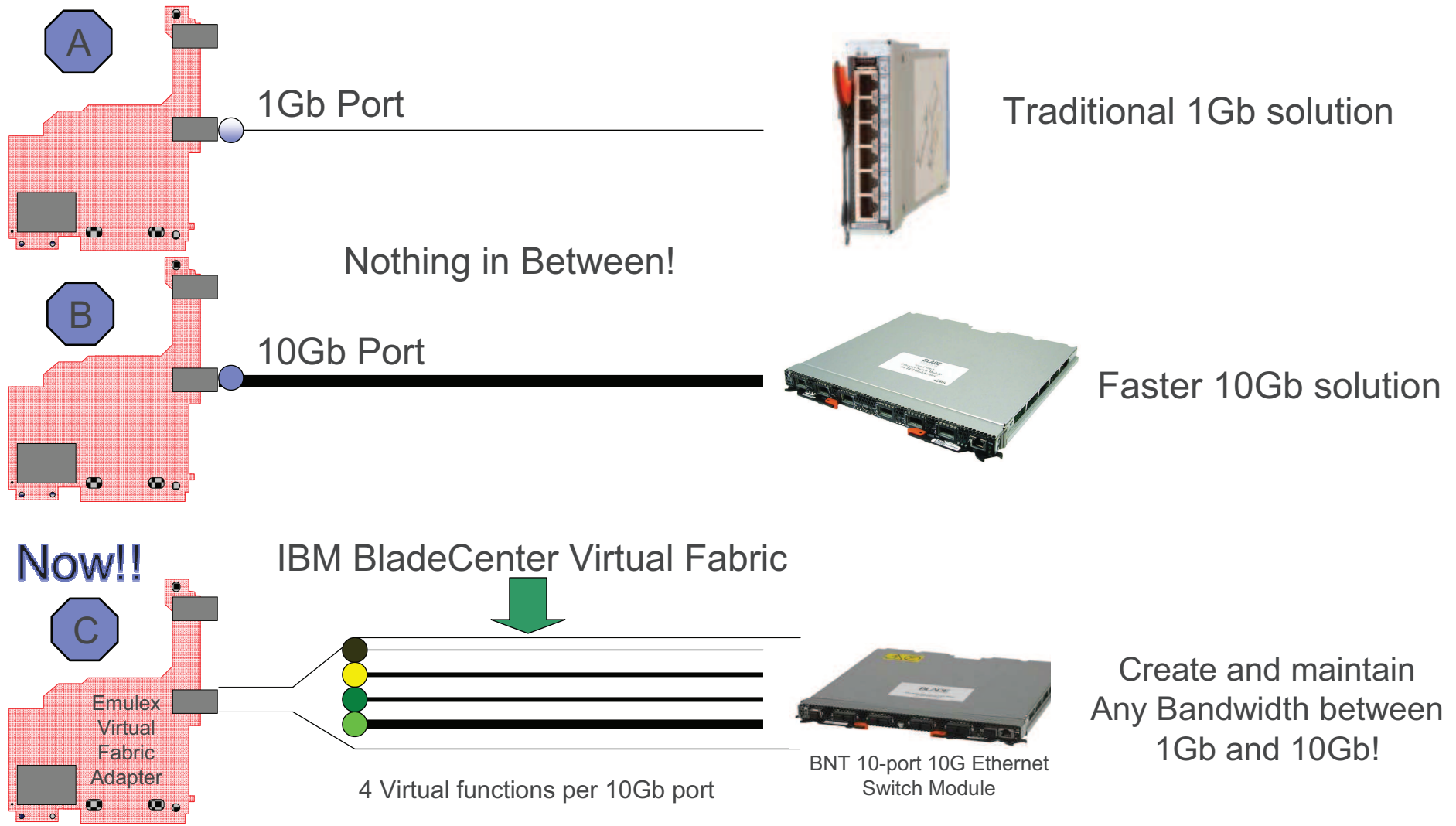


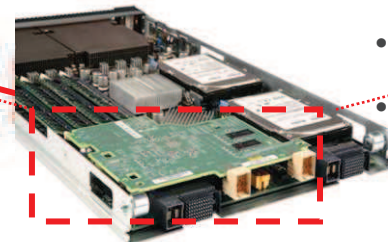
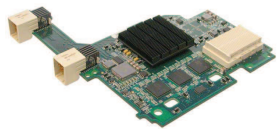
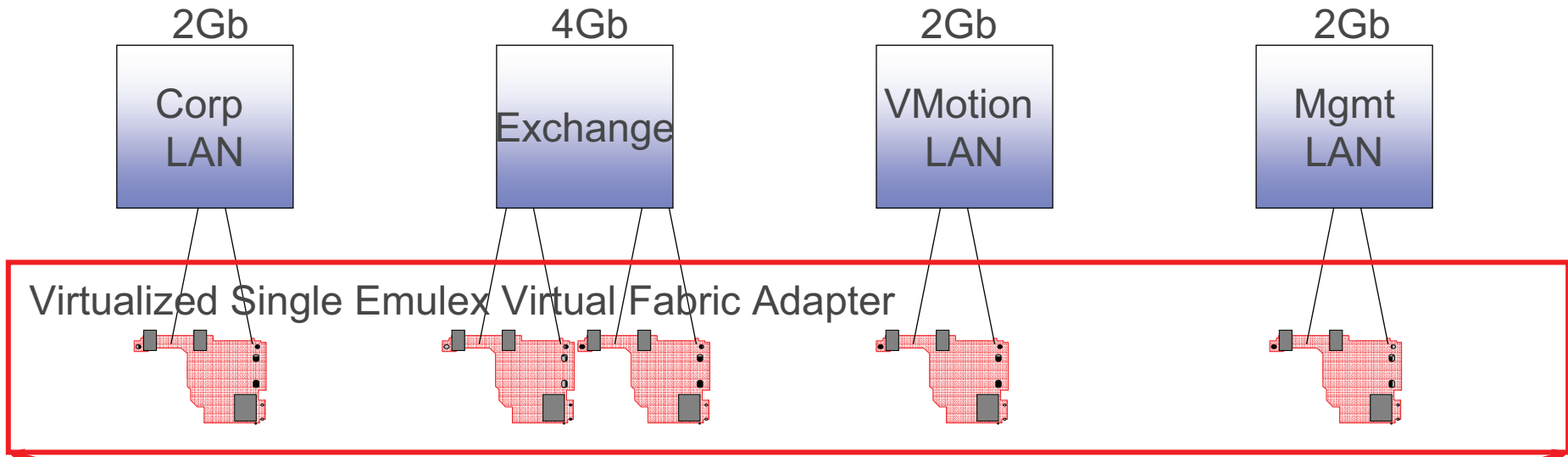
IBM Virtual Fabric Solution

Expanding IBM BladeCenter Ability to Offer Choice



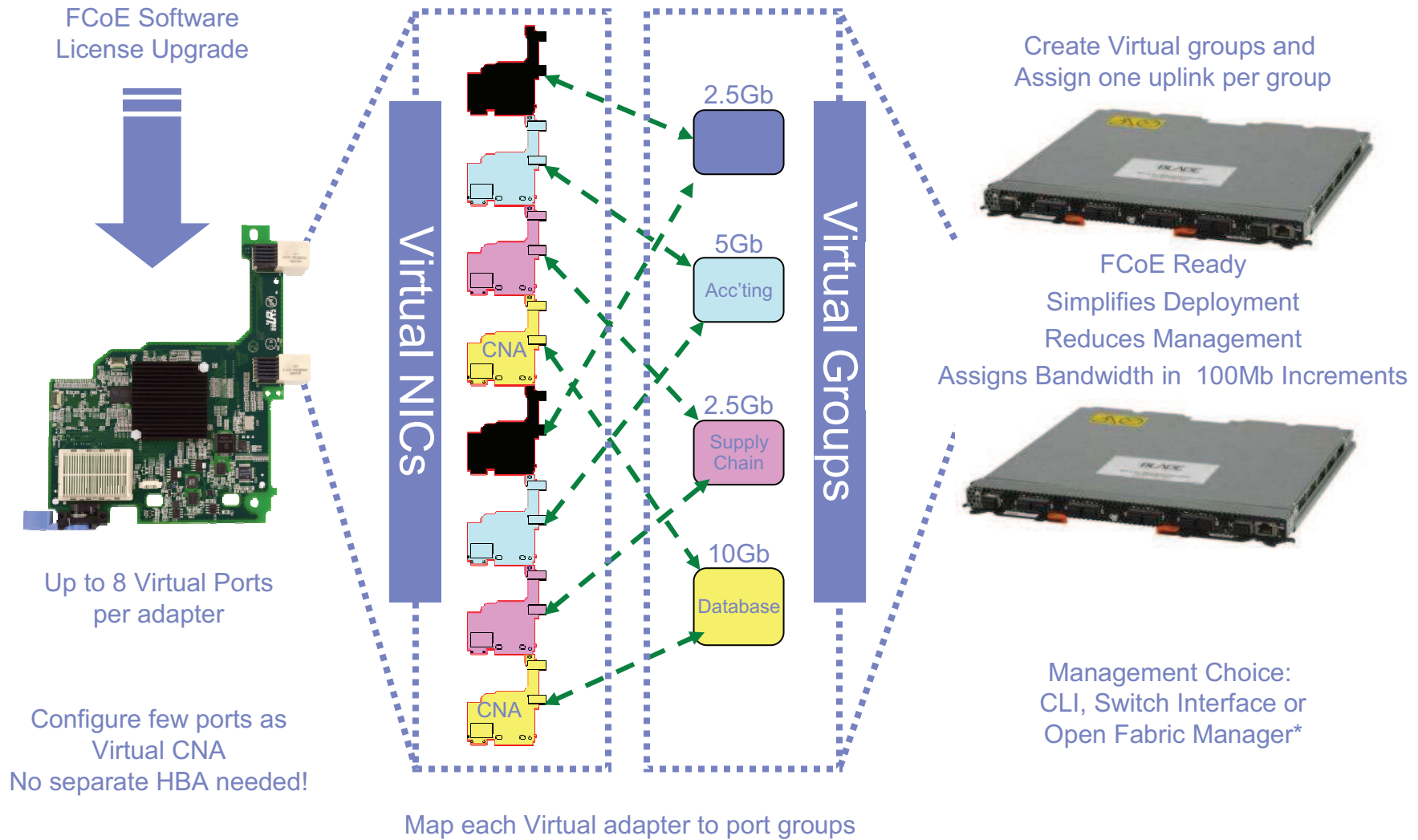
Reduce hardware costs while maintaining existing setup!

- Clients require dedicated adapters for:
- ✓ -Dedicated Bandwidth guarantee
 - ✓ -Physical separation of Data
 - ✓ -High availability

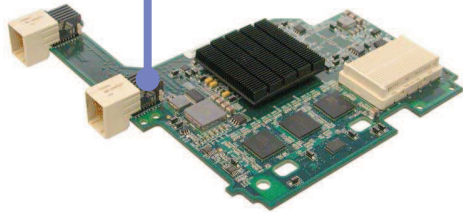


- Replace multiple adapters with one
- Up to 4 Virtual NICs per port.
- Offers same benefits with less hardware.

Virtual NIC, IO Convergence, iSCSI all-in-one solution



Multiple ways to manage your Virtual Fabric solution



Emulex
Virtual Fabric
Adapter

1. Command Line Interface

- Virtual port setup on adapter & group setup on switch
- Bandwidth allocation
- Mapping between virtual ports, virtual groups & vSwitch

2. Graphical User Interface

- Virtual port setup on adapter & group setup on switch
- Bandwidth allocation
- Mapping between virtual ports, virtual groups & vSwitch

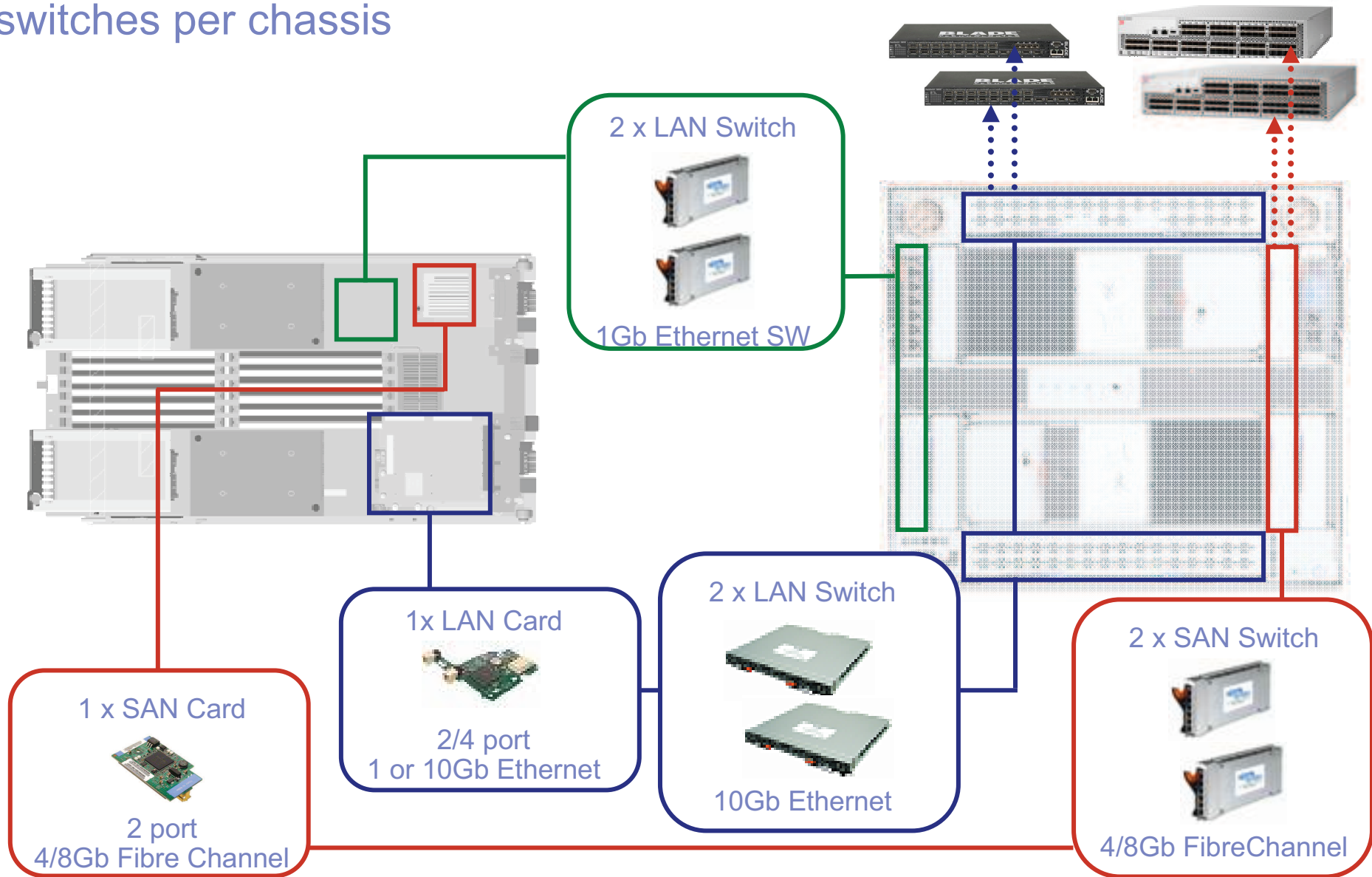
3. BladeCenter Open Fabric Manager

- Easy to use web-based graphical user interface
- Manage up to 100 chassis/1400 blades from a single console
- Auto discover of chassis for easy deployment
- Automated failover
- Virtual port configuration
- Virtual port bandwidth configuration
- ‘Smart Failure Monitoring’

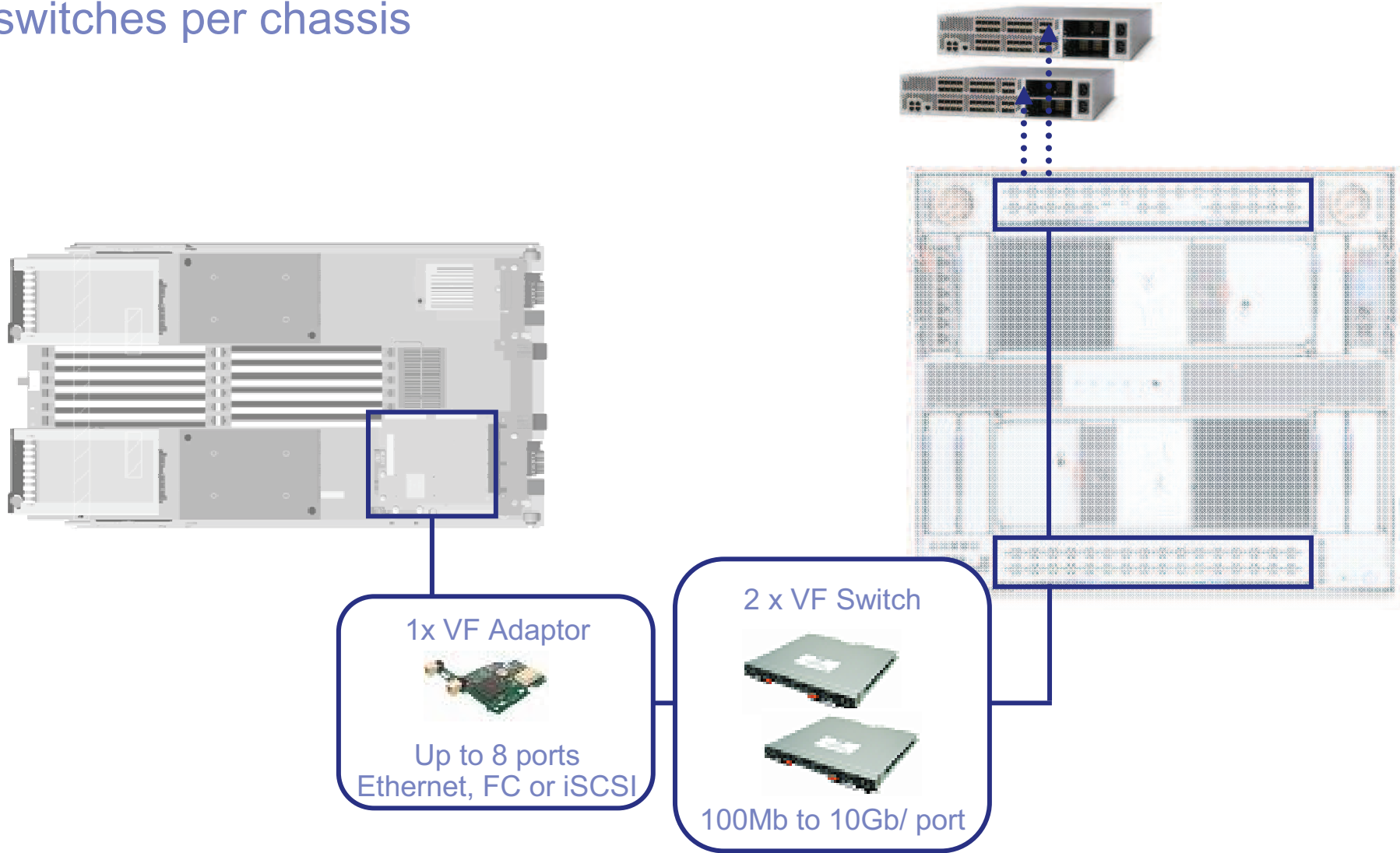


BNT
Virtual Fabric
10Gb Switch

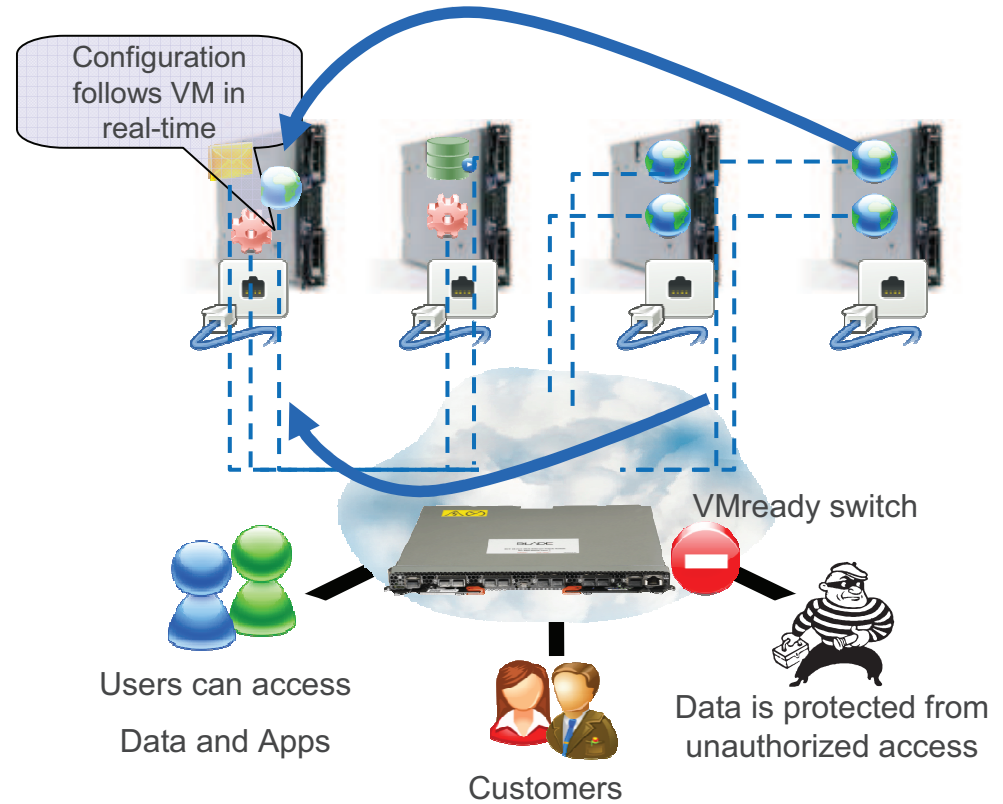
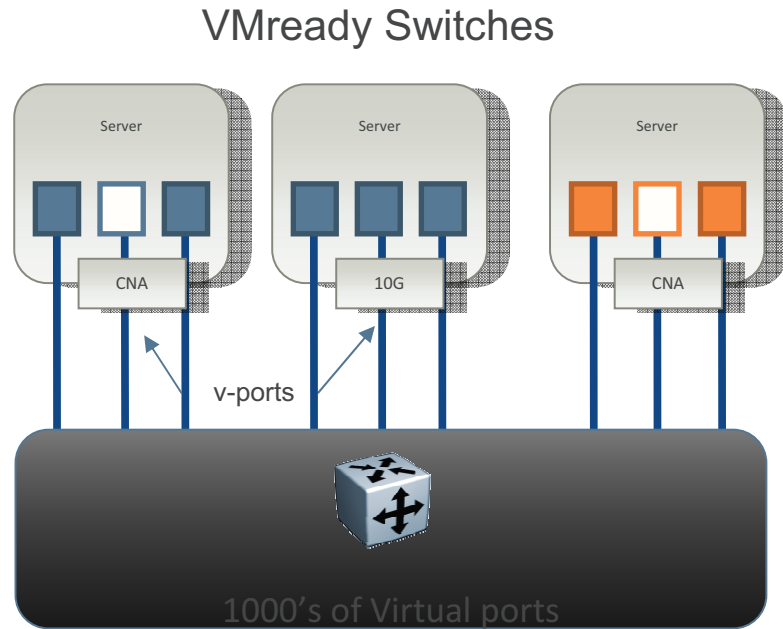
Traditional setup for 6 ports requires 2 adapters per server and 6 switches per chassis



Virtual Fabric setup for 6 ports requires 1 adapter per server and 2 switches per chassis



Introducing VMready™ - Virtual Machine aware networking



Virtual ports are the new switching unit

- Fully aware of Virtual Machines
- Configuration per virtual port
- Automated Network mobility
- Configuration follows Virtual Machines in real-time during migration

- VMready networks are VM aware
- Security, QoS, policies follow the VM
- With VMready Migration is: Safe, Usable & Easy
- Automatic network configuration
- Enables Dynamic data centers