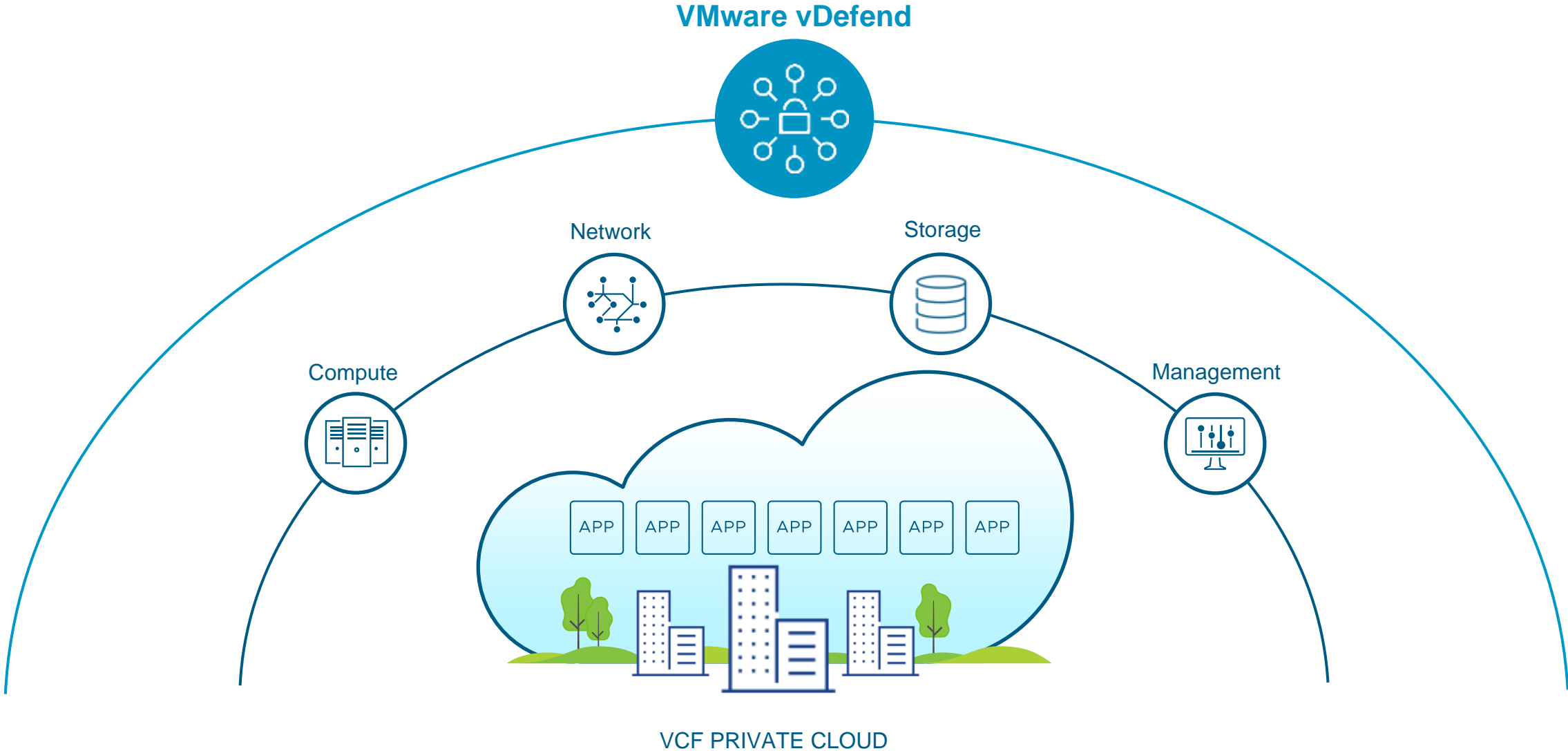


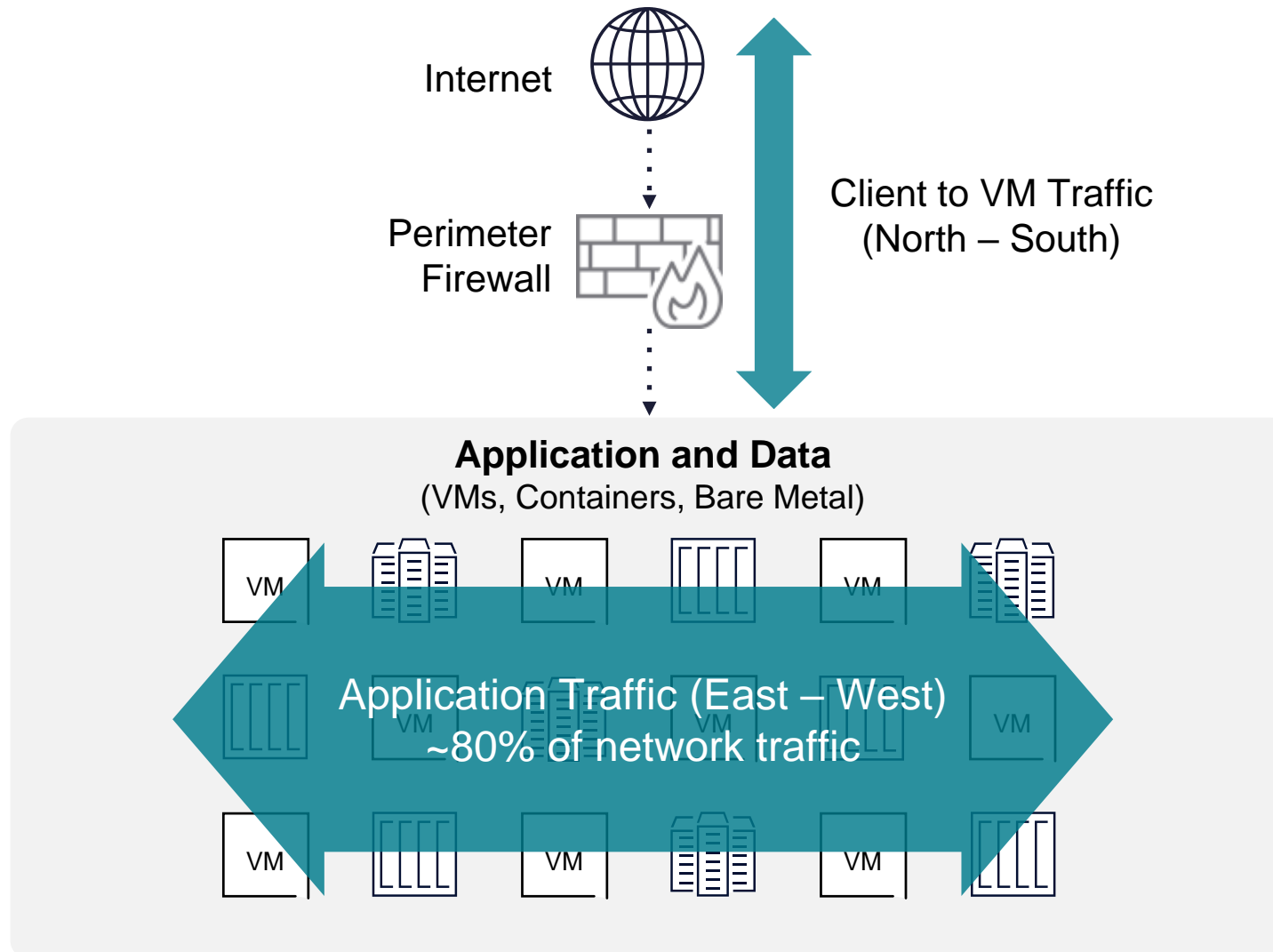
# Zero Trust in a Private Cloud

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Denis Shulepov  
D.Shulepov@mbcom.com

# East – West Security for VCF Private Cloud



# Protecting Perimeter Is NOT Enough

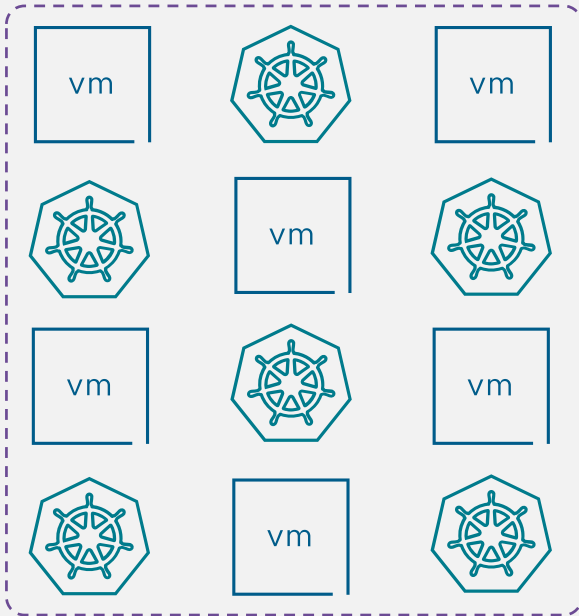


- Perimeter Firewall only protects North-South traffic
- Must extend protection to application (East-West) traffic

# Recommended Micro-Segmentation Journey

## Secure Infrastructure

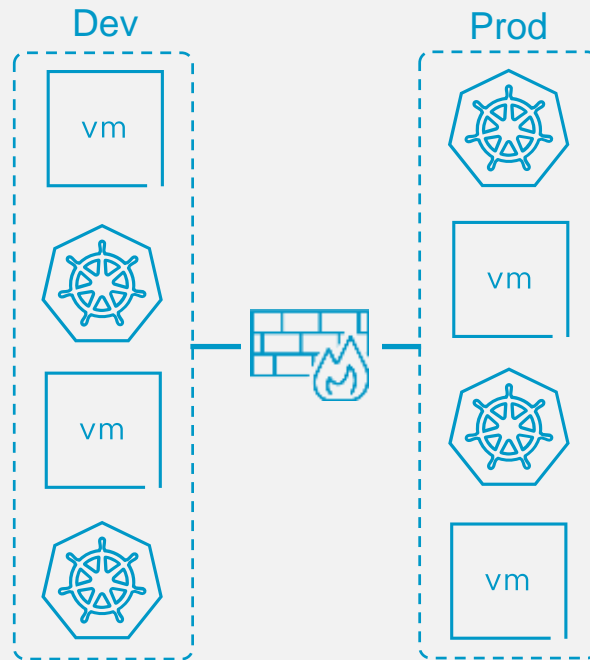
### Distributed Firewall



Protect critical infrastructure services  
Eg., limit RDP, allow sshv2 only, no telnet

## Secure Virtual Zones

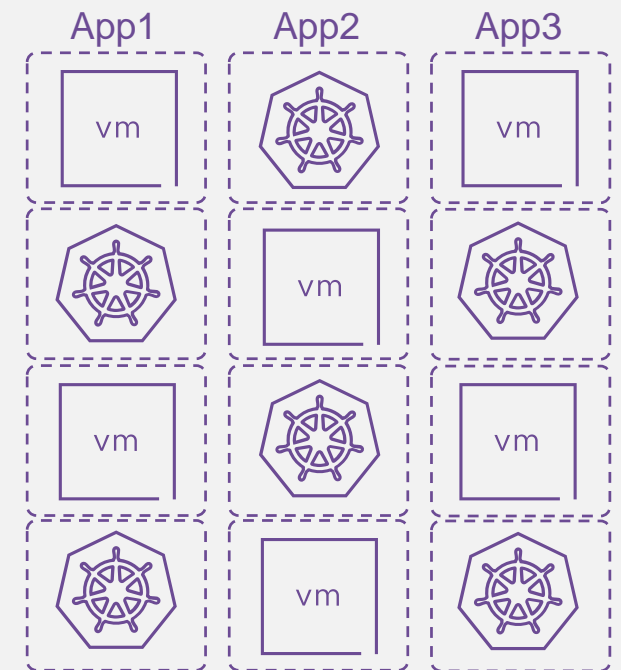
### Distributed & Gateway Firewall



Create zones in software with  
Eg., DevTest, Prod, PCI Zone ...

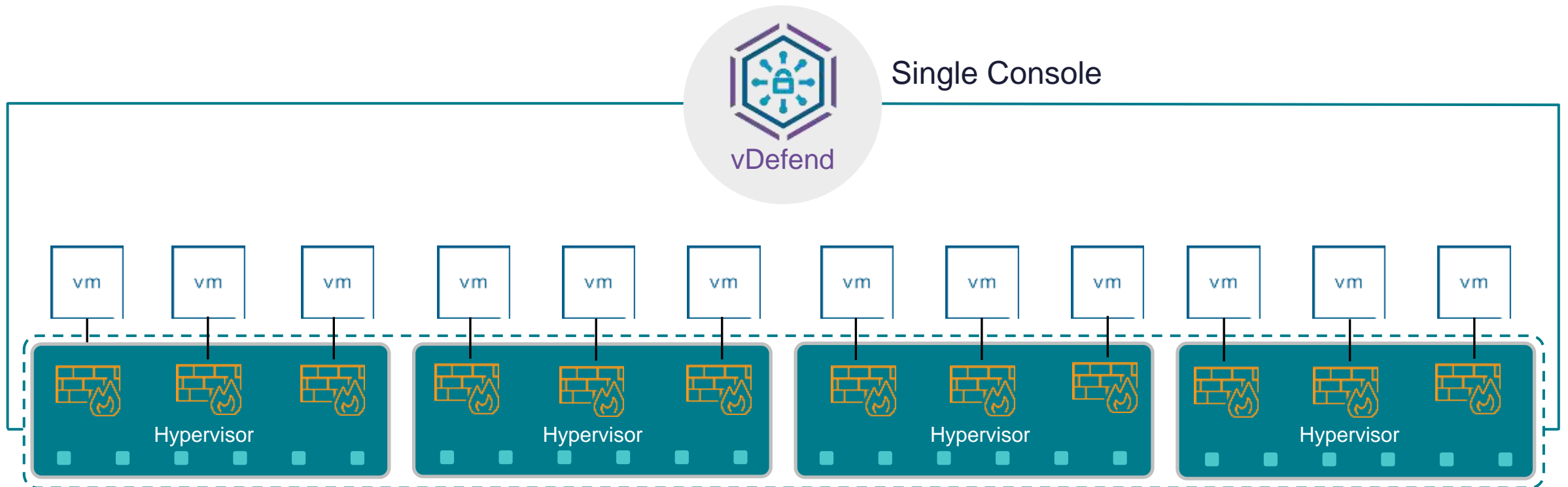
## Secure Apps

### Distributed Firewall

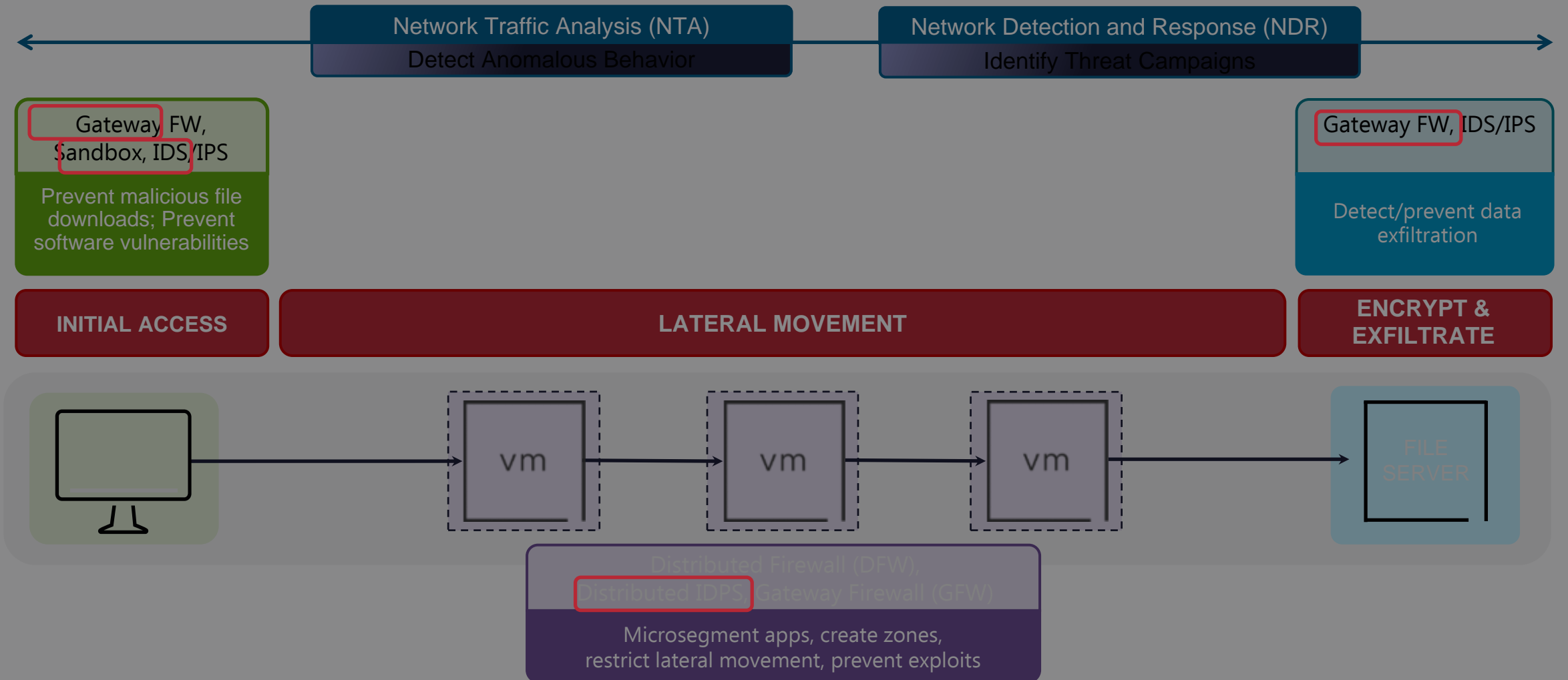


Secure critical applications  
Eg., EPIC, SWIFT, VDI, VCF, ...

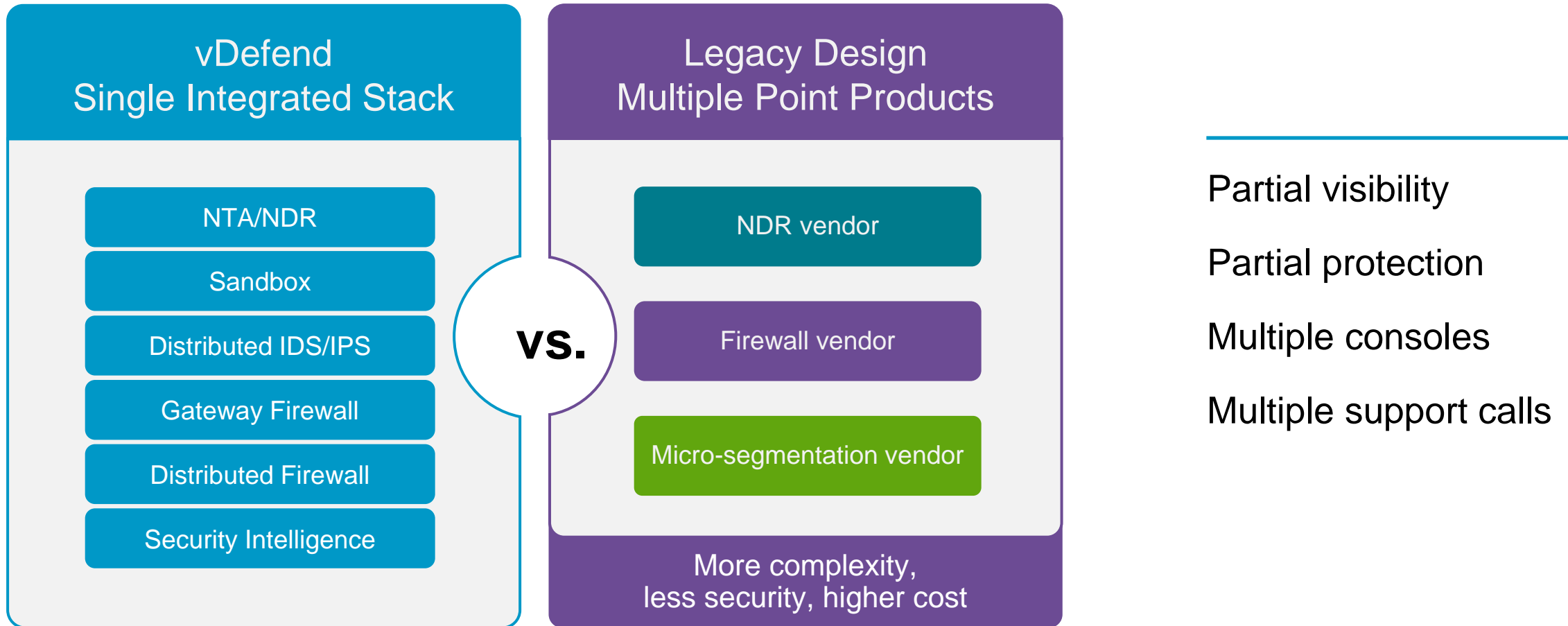
# VMware vDefend at Every Hypervisor



# vDefend: Multi-layer Defense to Combat Ransomware Attacks

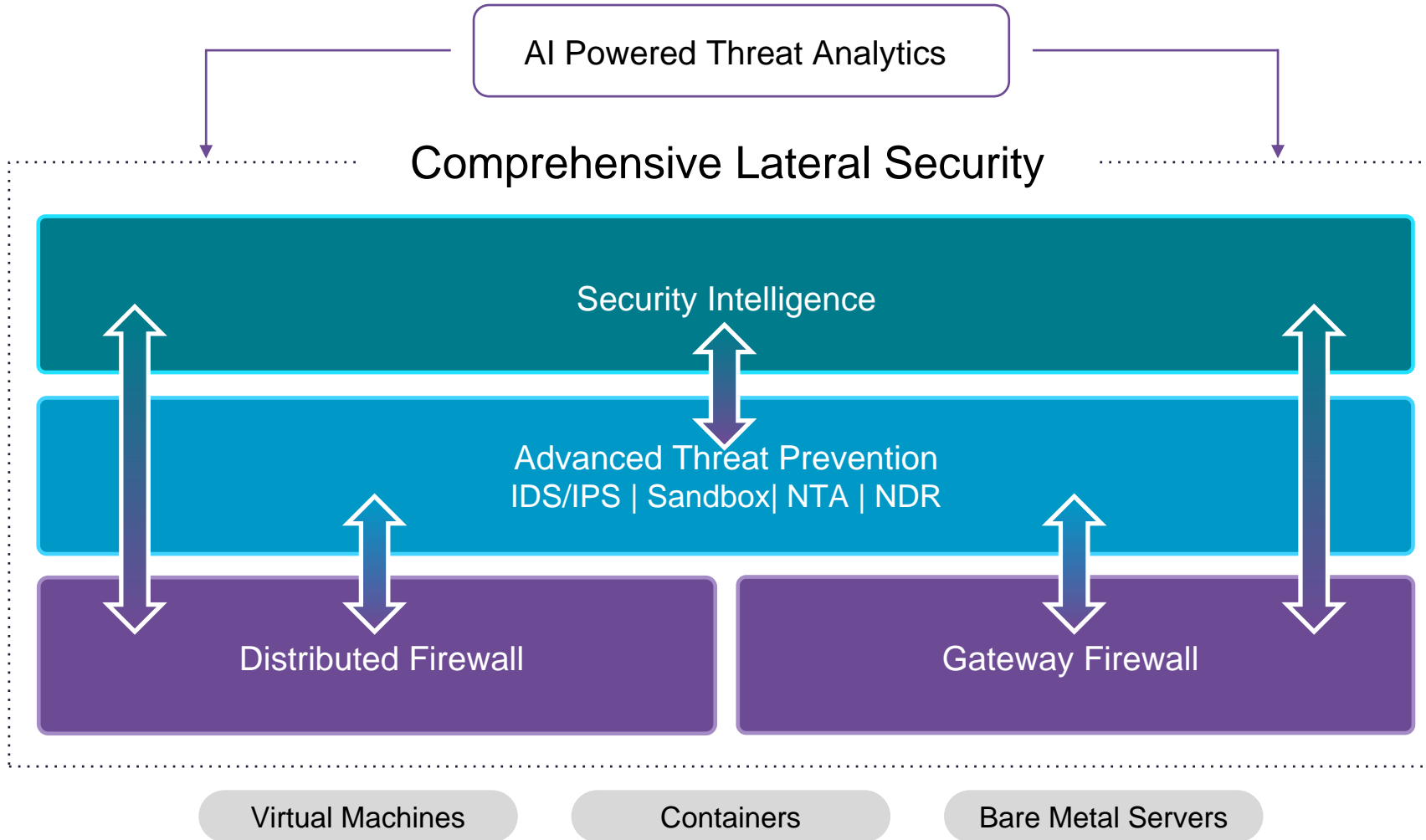


# VMware vDefend Integrated Versus Point Solutions



# VMware vDefend – A Fully Integrated Security Stack

Plug and Play Experience with VCF



- App Discovery
- Security Analytics
- Rule Recommendations
- Ransomware Prevention
- Malware Prevention
- Vulnerabilities
- Micro Segmentation
- Macro Segmentation



# Thank You