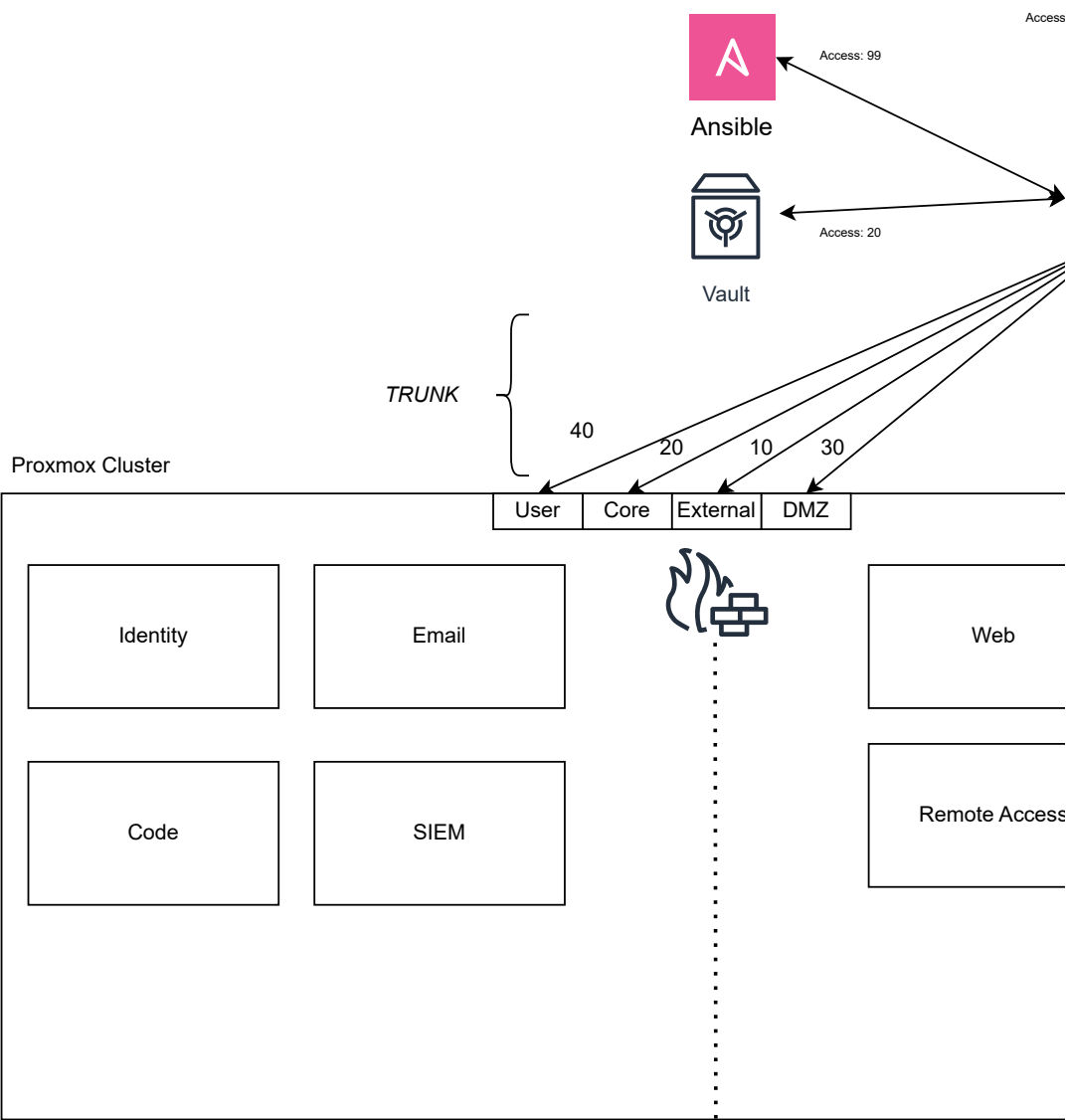


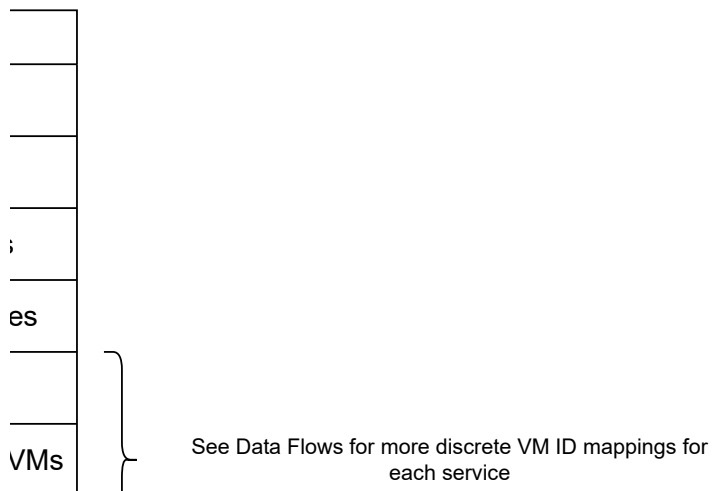
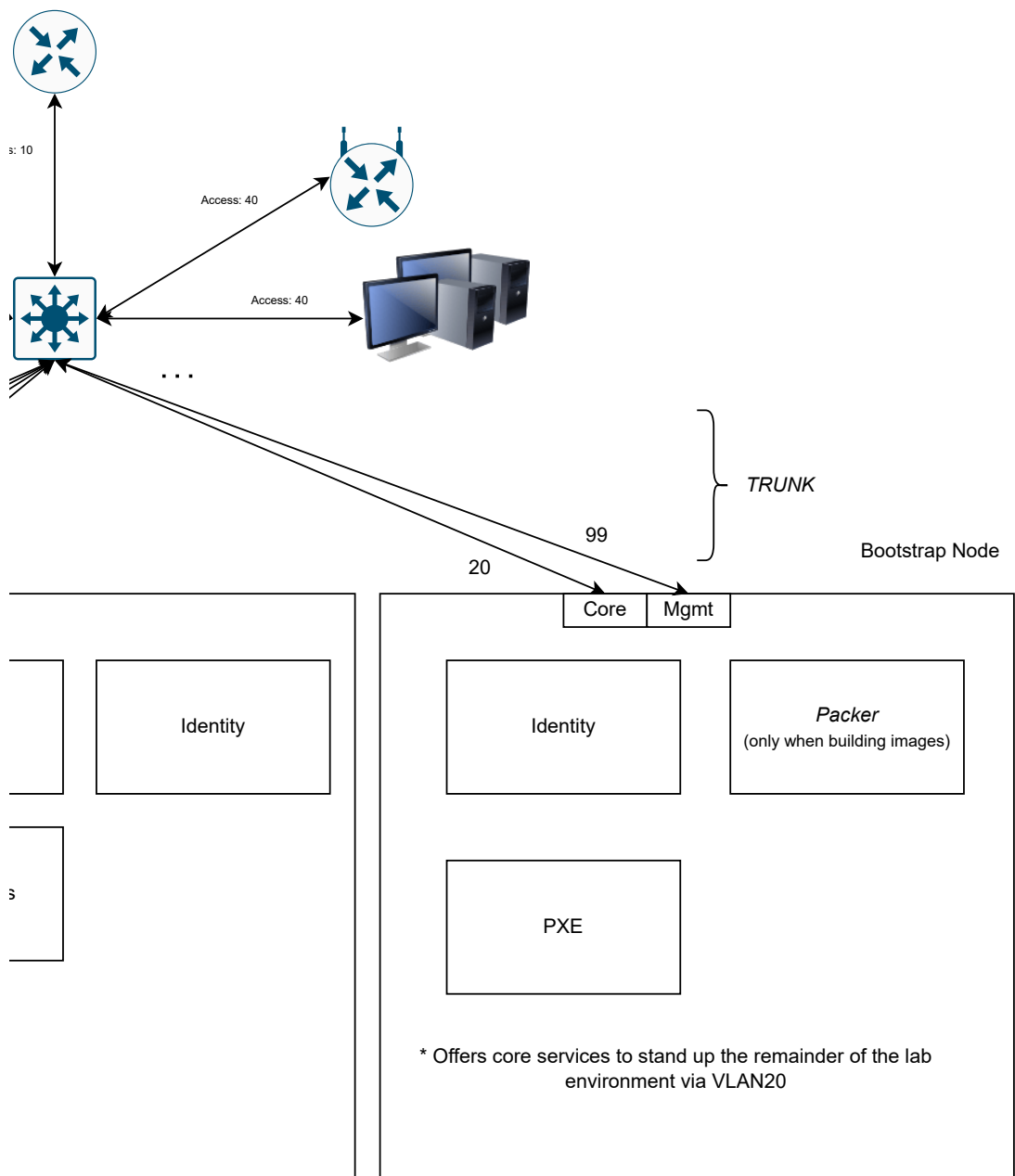
Logical Diagram



* Descriptive only - see Data Flows for full set of services and microsegmentation architecture

| VLANs |
|-----------------------------|
| VLAN10 - WAN/External |
| VLAN20 - Services/Core |
| VLAN21 - Protected Services |
| VLAN30 - DMZ |
| VLAN40 - User |
| VLAN99 - Management |

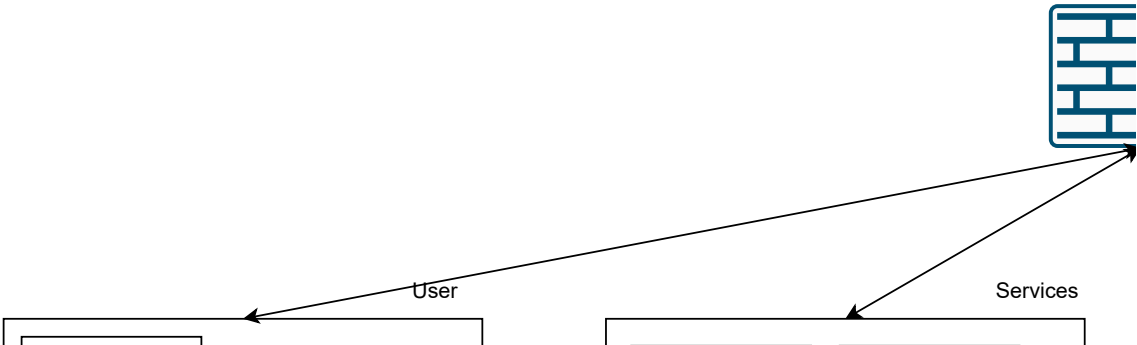
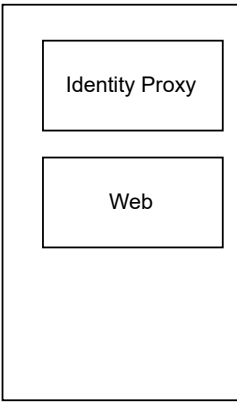
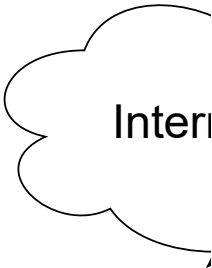
| VM IDs | | |
|--------|-------|----------------------|
| Min | Max | Description |
| 0 | 99 | Reserved |
| 100 | 149 | Linux Templates |
| 150 | 199 | Windows Templates |
| 20000 | 20999 | Services VMs |
| 21000 | 21999 | Protected Services \ |

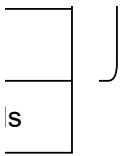


| | | |
|-------|-------|---------------|
| 30000 | 30999 | DMZ VMs |
| 99000 | 99999 | Management VM |

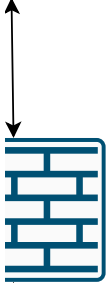
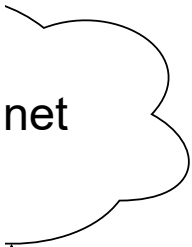
<VLAN ID>000 - <VLAN ID>999

Layer3 Routing

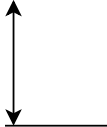




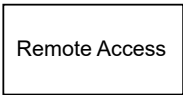
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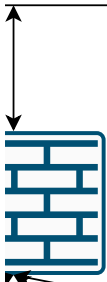
Proctli VP2420 running pfSense



DMZ



* DMZ VMs will NOT be dual-homed - only the east/west vFW will have access to the internal subnets

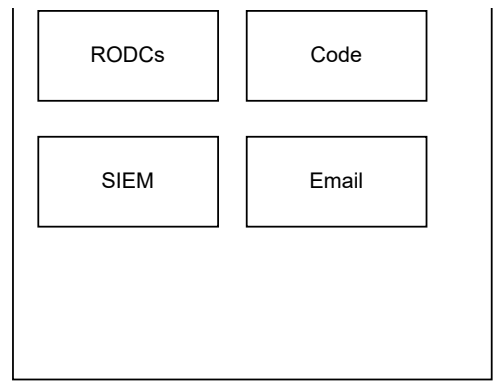
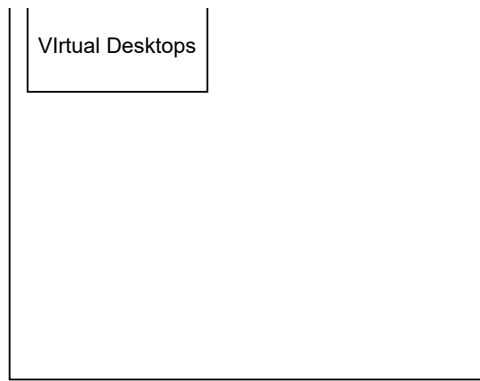


Proxmox Virtual Firewall (vFW)

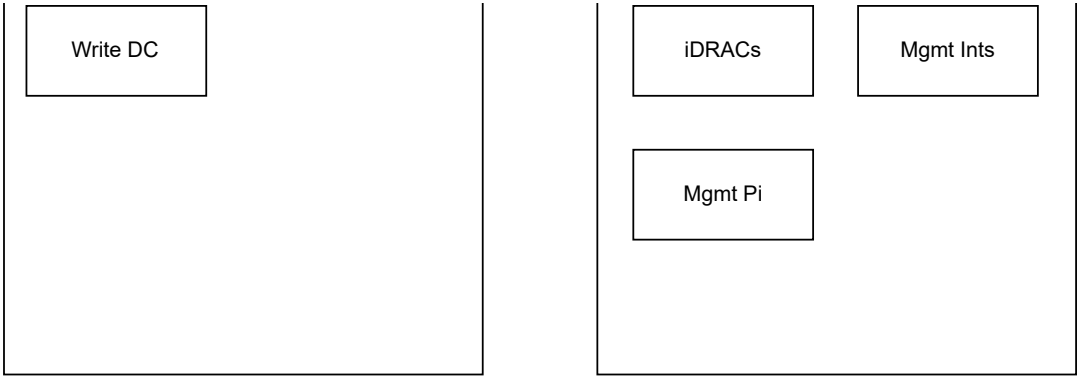
Protected Services

Management





* Descriptive only - see Data Flows for full set of services and microsegmentation architecture



Version/Date: v3.1 / 20 AUG 2025
Scope: High-level logical topology and VLAN scaffolding
Last Edited By: James Thomas
https://github.com/integrateddefense/lab_infra