HYBRID DMZ REFERENCE DESIGNS FOR vCLOUD AIR

AT A GLANCE

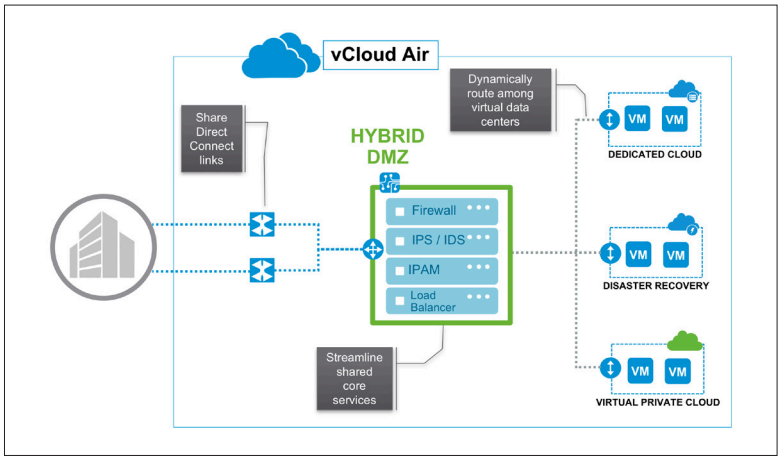
Hybrid DMZ Reference Designs for VMware vCloud® Air™ allow users to build and maintain familiar security and networking architectures in the public cloud that are consistent with on-premises environments while benefitting from enhanced security practices. With a Hybrid DMZ, customers can also consolidate security, core services, and network connections, lowering the overall cost of their public cloud.

WHAT IF YOU COULD...

- Implement a secure DMZ entry point to your hybrid cloud that extends your on-premises security and governance policies?
- Aggregate network connectivity to and from different vCloud Air services to reduce costs and improve connectivity performance?
- Maintain on-premises policies in the cloud and utilize preferred networking and security appliances?

FIND OUT MORE

For more information or to purchase VMware products, call 1-877-4VMWARE (outside of North America dial +1-650-427- 5000), visit the VMware vCloud Web page at http://vcloud.vmware.com.



Simplified example of a Hybrid DMZ Architecture

Key Benefits

IT Control with Service and Network Isolation

- Separation of Duties: Maintain different projects in different virtual data centers for resource isolation and role-based access control.
- Management and Shared Services: Run shared services (monitoring, logging, orchestration, AD, etc.) and pilot light VMs for DR and Network Appliances in the Hybrid DMZ service.
- Licensing Requirements: Physically separate App and OS licensing such as Oracle and Windows Data Center licensing.

Cost-Effective, High-Performance Connectivity

- Cost-Effective High-Performance Design: Aggregates network connectivity (MPLS or IPSEC) to and from different vCloud Air Services (SIDs).
- Better SLA on Network Connectivity: Delivers up to 10Gbps bandwidth for MPLS connectivity in an active/active state using BGP.
- Use Edge as Router: Replaces need to supply own router for multi-segment design.
- Redundancy: Built-in HA infrastructure and active/standby MPLS.

100% Compatible with On-Premises Architecture:

- Compatibility with On-Premises: Maintain same architecture, security, governance and networking policies as on-premises.
- Bring Your Own Security Appliances: Such as IPS/IDS in line with the compute clusters, anti-virus, vontent firewalls, proxy, etc..
- Bring Your Own Network Appliances: Such as WAN OPT, DNS, routers, load balancers, VPN Concentrators, etc.

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