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**Case Study: Exchange Infrastructure as a Service**

*An example of Exchange hosted solution delivered as an Infrastructure as a Service.*

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## **Case Study: Exchange Infrastructure as a Service**

### **Executive Summary**

An example of Exchange hosted solution delivered as an Infrastructure as a Service.

Digital Edge builds Infrastructure as a Service (IaaS) solutions based on our close relationships with our hardware and software manufacturing partners.

The IaaS based Exchange infrastructure utilizing Fortinet product stack is outlined in this document.

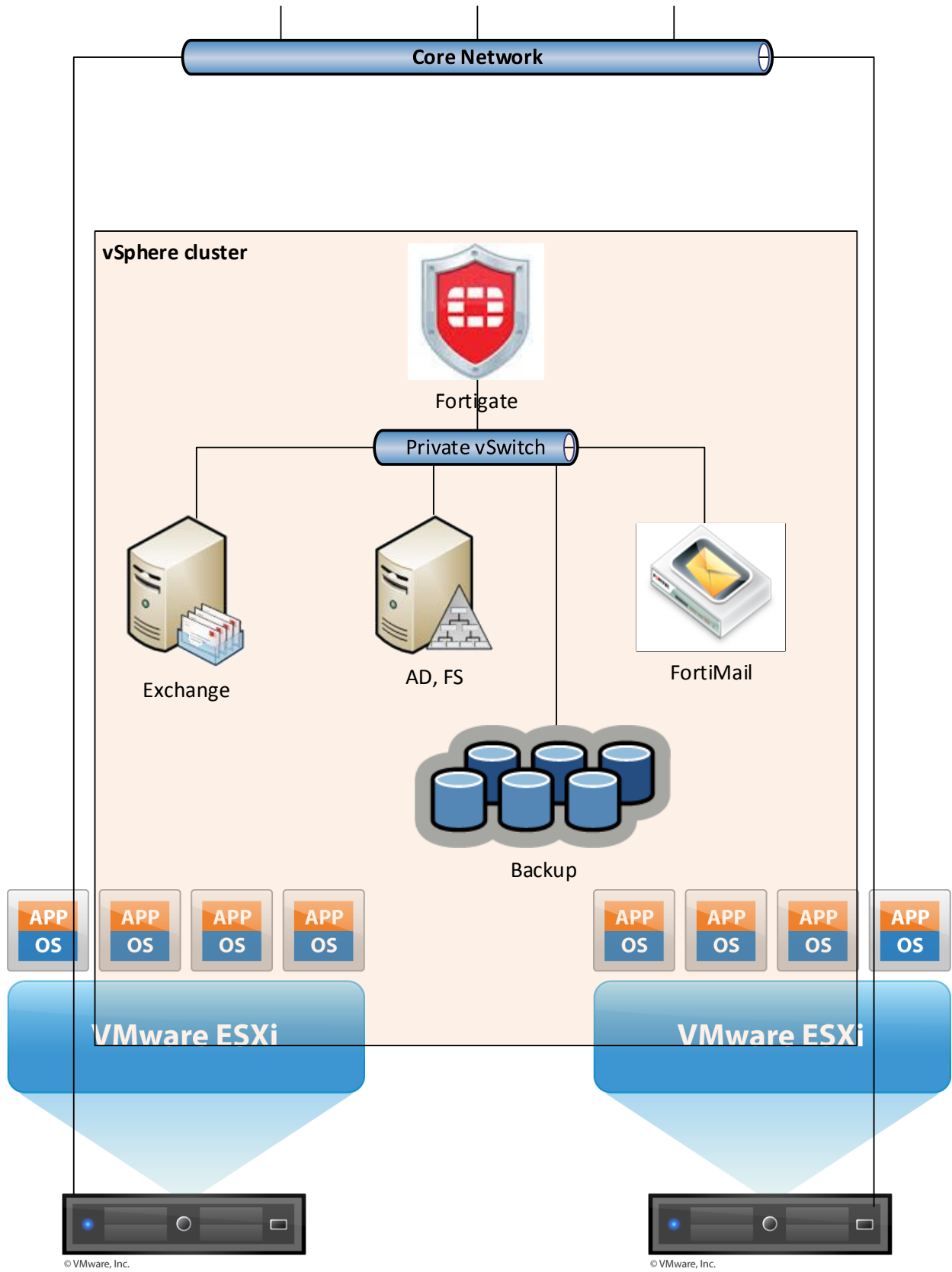
### **Client Profile**

There is no specific client being reference in this Case Study, as it is an example of how Digital Edge would present an Exchange hosted solution delivered as an Infrastructure as a Service, which we provide to many of our enterprise clients.

### **Infrastructure and Technologies:**

1. High Available VMWare vSphere cluster based on 2 physical servers;
2. Physical nodes are connected to core network featuring BGP / HSRP HA configuration;
3. Physical servers – DELL 630X;
4. All security tools are delivered as virtual appliances forming private network based on VMWare vSwitches;
5. The access to the IaaS from multiple geographically diversified locations is provided over either SSL encryption or VPN secured tunnels;
6. Email security such as spam filtering, packet inspection, anti-virus, anti-malware and possible DLP is done based on FortiMail;
7. The log management is provided by FortiAnalyzer;
8. The infrastructure features High Availability of each individual block and sub-system;
9. Backup is done on Digital Edge's cloud Tier 3 storage; the schedules and policies are flexible and are priced based on storage utilization only;
10. Full management of hardware, software, and security stack is provided by Digital Edge.

**Diagram**



## **Conclusion**

As an IaaS offer, Digital Edge can deliver Infrastructural building blocks delivering applications to enterprise businesses that are specifically tuned to the business needs.

Such offers do not require capital investments. All hardware support and maintenance is covered by IaaS offering and is totally invisible to the client.

The outlined IaaS configuration for Exchange service is much more secure in comparison with conventional cloud based email management offering and provides all compliance tools for the security reporting.

The solution can yield price advantage over standard cloud base email offers for organizations with more than 50 email boxes.

## **Price**

Total Monthly price is not disclosed.