

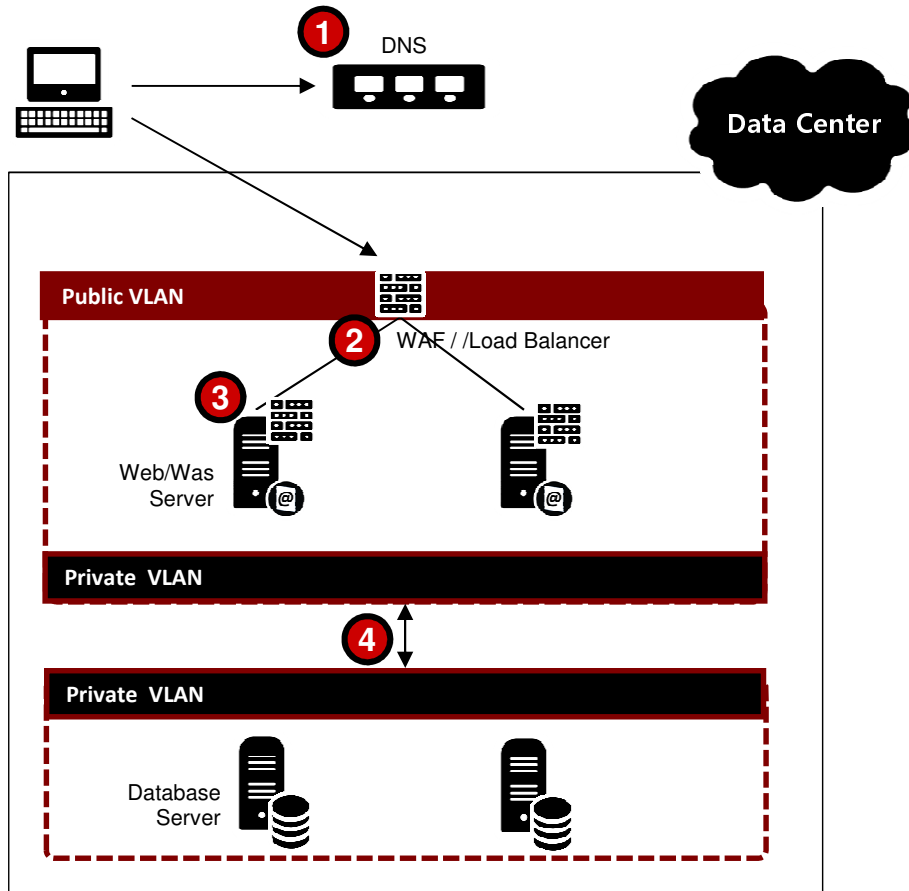
RA04: Web Application Service

Architectural Points

- Support web application architecture for internet services.
- Provide network security and HA architecture.

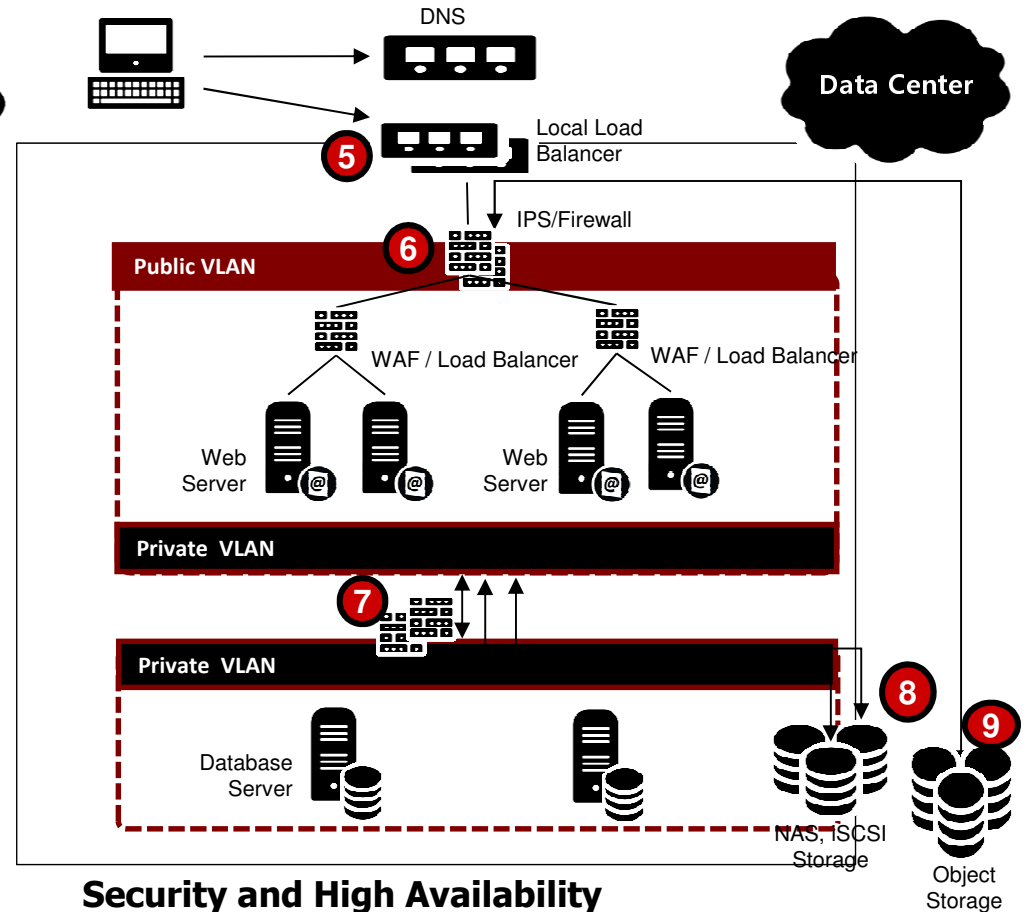
Required Resources

- 01 - DNS, Netscaler VPX, Standard Hardware Firewall,
- 02 – Local Load Balancer, Fortigate Firewall, Vyatta Gateway Appliance, NAS, iSCSI, Object Storage



Basic

- 1. DNS** provides authoritative name server services. User can define and update DNS Zone file.
- 2. Netscaler VPX** provides Load Balancer functions. Netscaler VPX Platinum edition provides Web Application Firewall functions.
- 3. Standard Hardware Firewall** protects one server's in-bound traffic. User also can use Windows system's built-in firewall function or Linux's iptables function to protect each server.
- 4. Private VLANs** are connected with private network. VMs in same user account can use private network for communication.



Security and High Availability

- 5. Local Load Balancer** provides Load balancer functions. User can choose High Availability option when he requests Local Load Balancer.
- 6. Fortigate Firewall** provides in-bound/out-bound filtering and IPS function. User can choose High Availability option.
- 7. Vyatta Gateway Appliance** provides in-bound/out-bound filtering. High Availability option is provided.
- 8. NAS storage** is provided via private network.
- 9. Object Storage** is provided via public network and private network.