

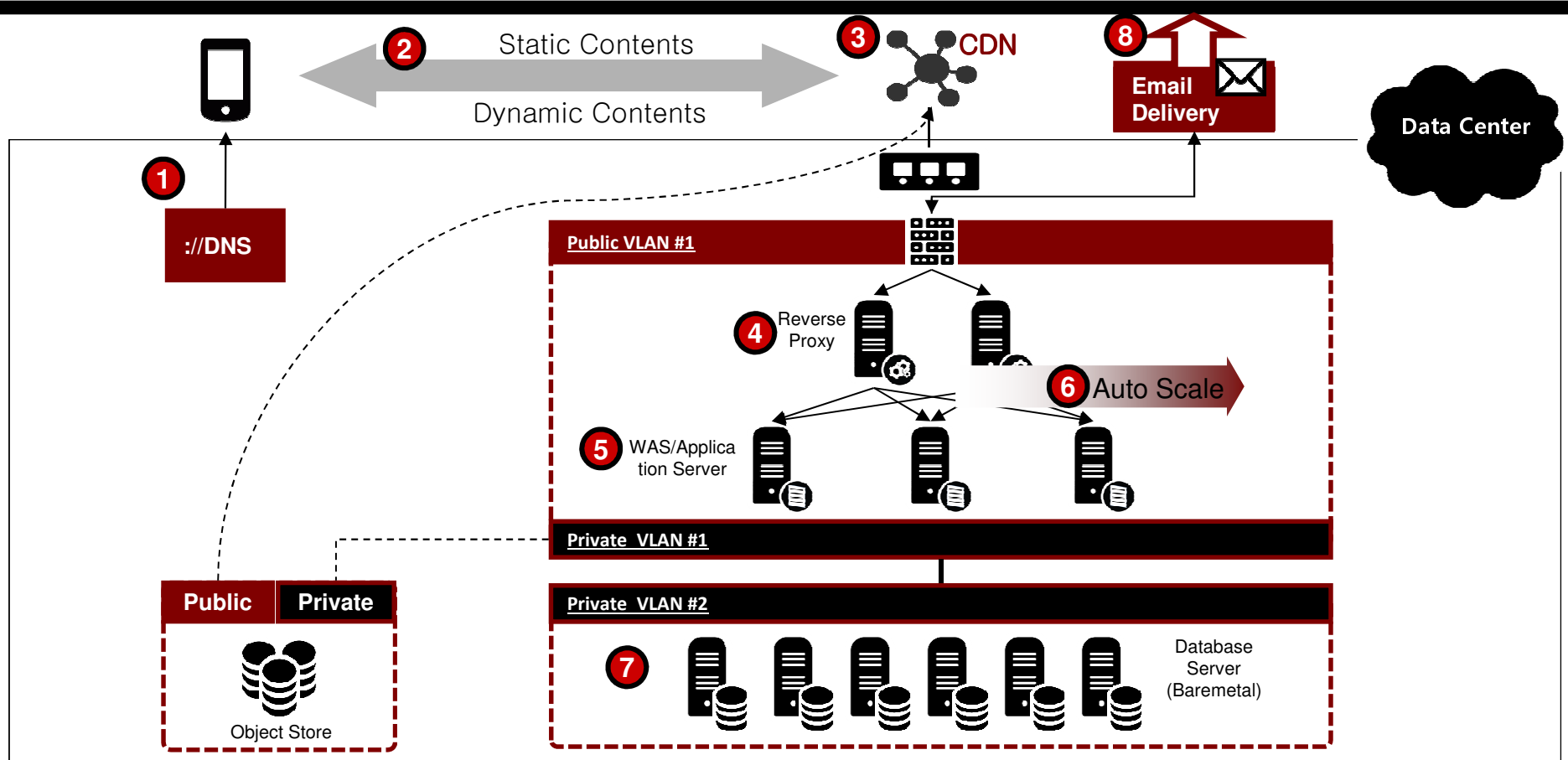
RA05: Mobile Application

Architectural Points

- Scalable service
- System Security with firewall and VLAN

Required Resources

- | | | | |
|---------------|------------------|------------------------|----------------|
| DNS | CDN | LoadBalancer | Firewall |
| VirtualServer | Baremetal Server | Email Delivery Service | Object Storage |



1. **DNS** service provides domain name services. URLs for static/dynamic are registered in the DNS service
2. Request for **Dynamic Contents** are routed to the reverse proxy and related contents are provided by web application services.
3. **CDN service** provides caching services for static contents of web server and object storage.
4. **Reverse proxy** gets requests and dispatch them to appropriate WAS/Application servers.
5. **WAS/Application servers** manage and process the request and provide the results to the User.
6. **Auto Scale** provides automatic scale-out service for proxy servers and web/application servers.
7. **Database servers** are provisioned into separate private-only VLAN and provides database service.
8. **Email Delivery** service sends mails to users which is requested by applications.