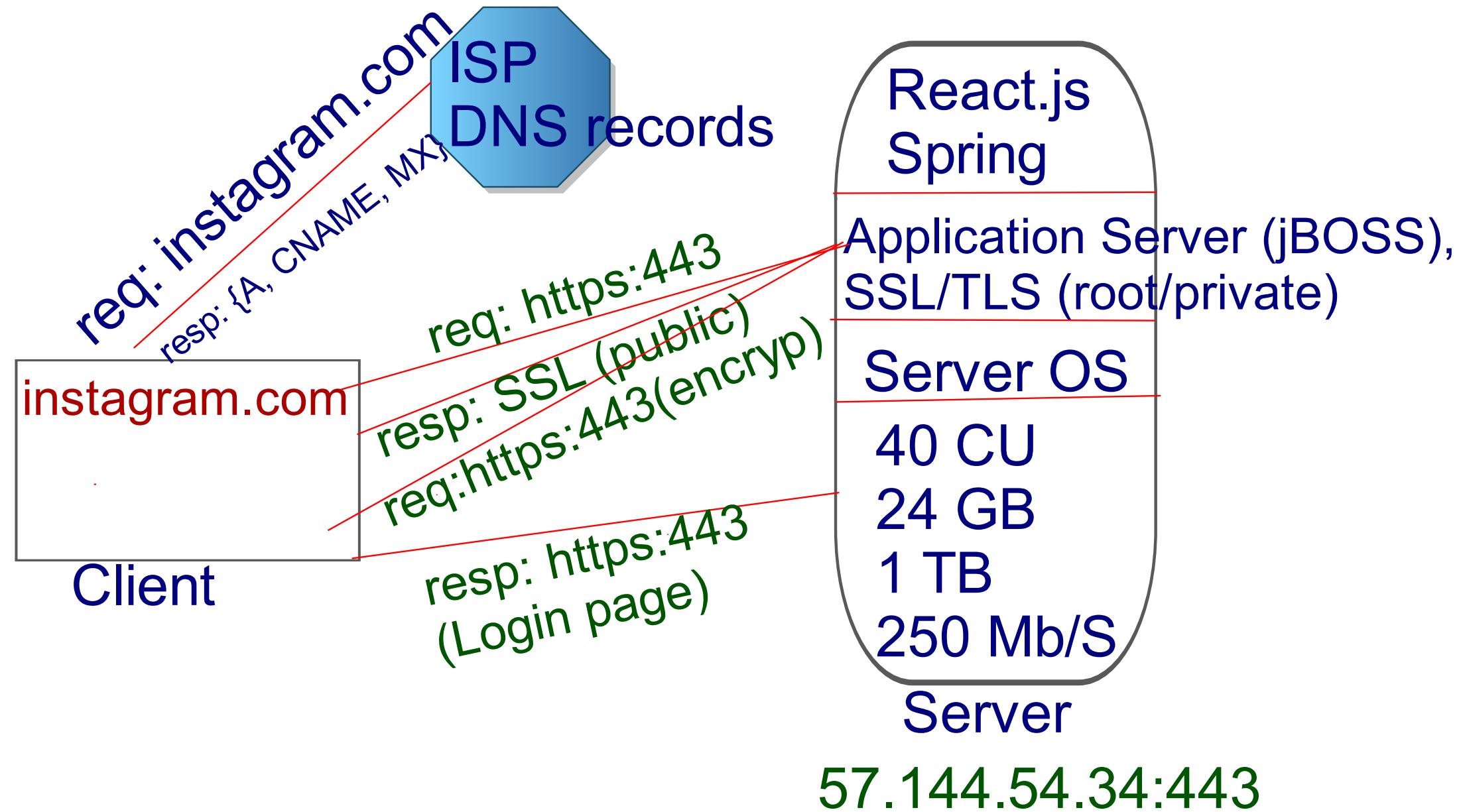


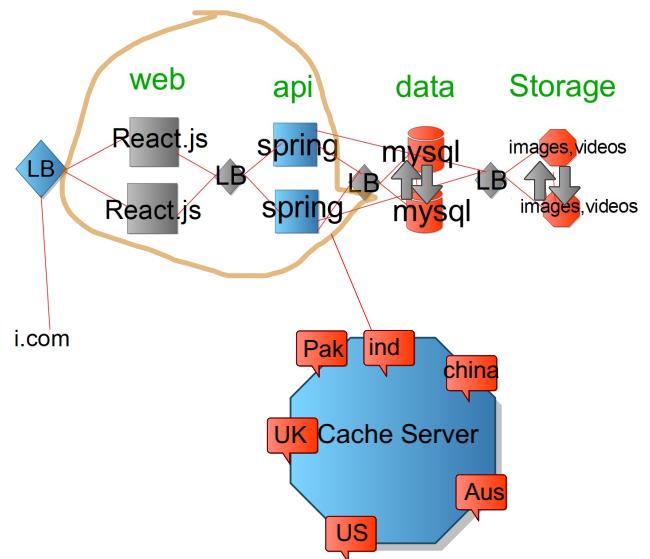
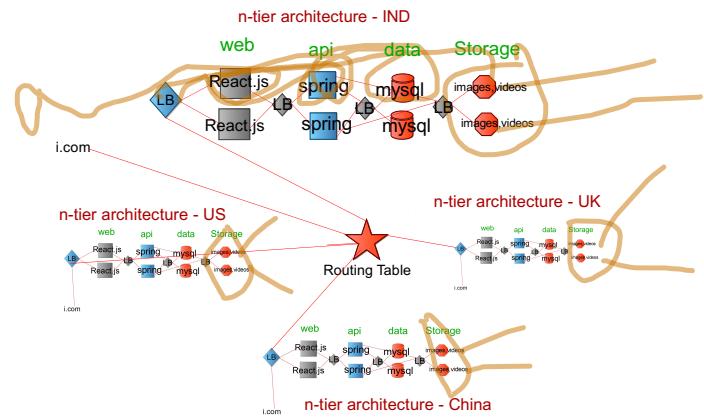
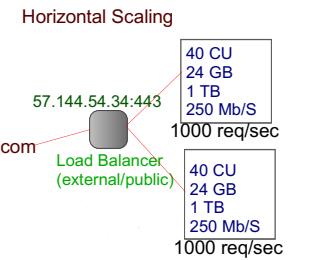
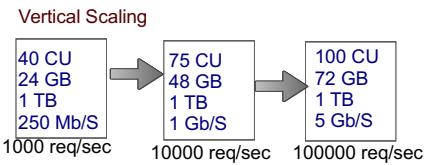
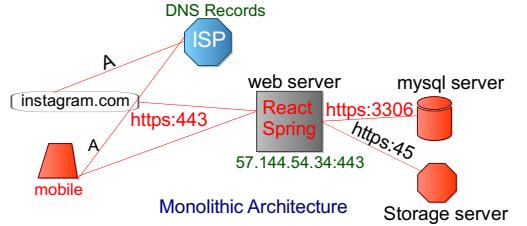
# System Design

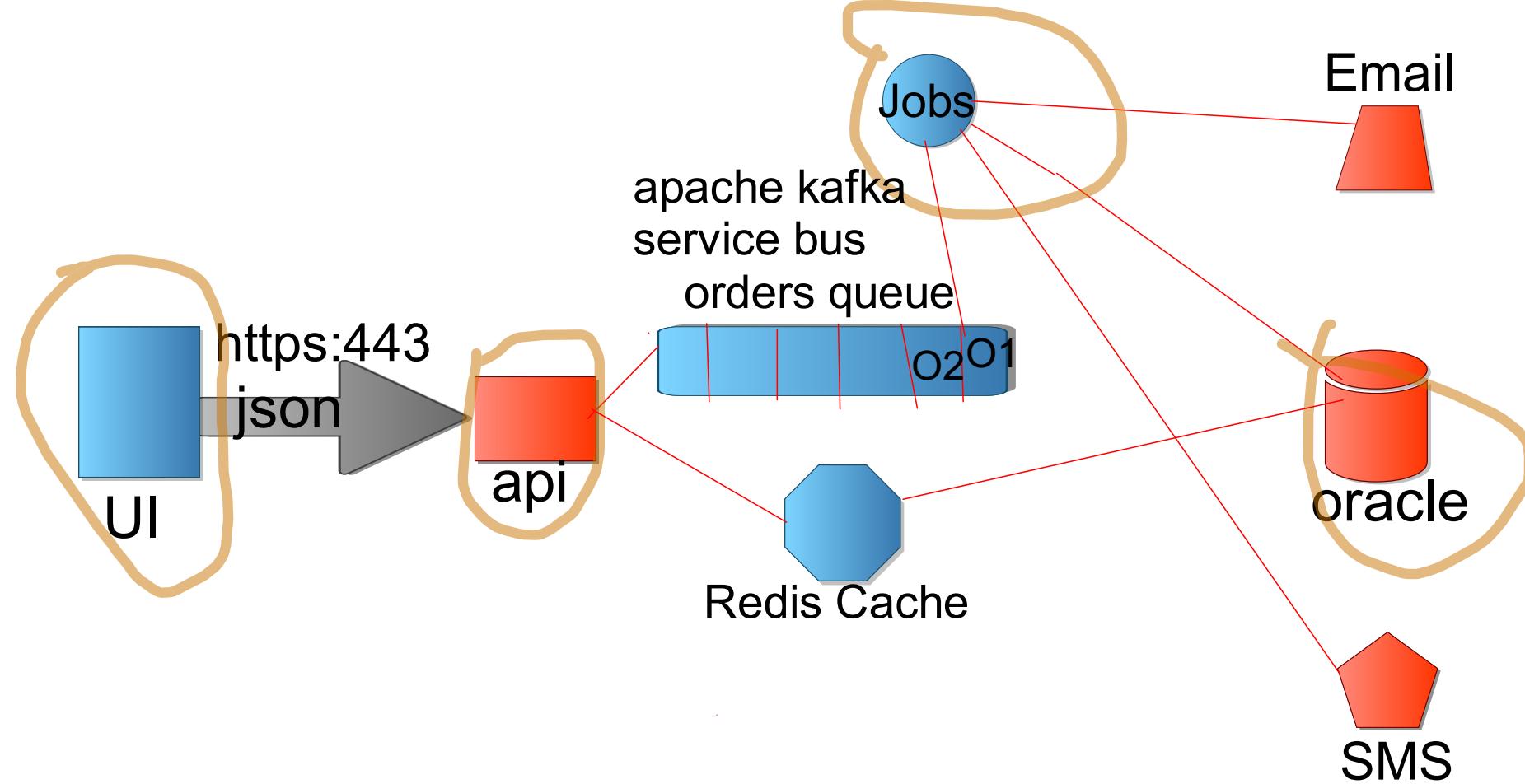
## Application Types

- Console / Stand-alone
- Web
- Mobile
- PoS (Point-of-Sale)
- IoT
- AI/ML
- Cloud

# Client-Server Architecture







JSON

```
[  
  {  
    "username": "samantha",  
    "password": "Duck@!4#"  
  },  
  {  
    "username": "trisha",  
    "password": "Duck@!4#"  
}
```

TOON

```
{  
  ["username", "password"]  
  [0]:{"samantha","Duck@!4#"}  
}
```