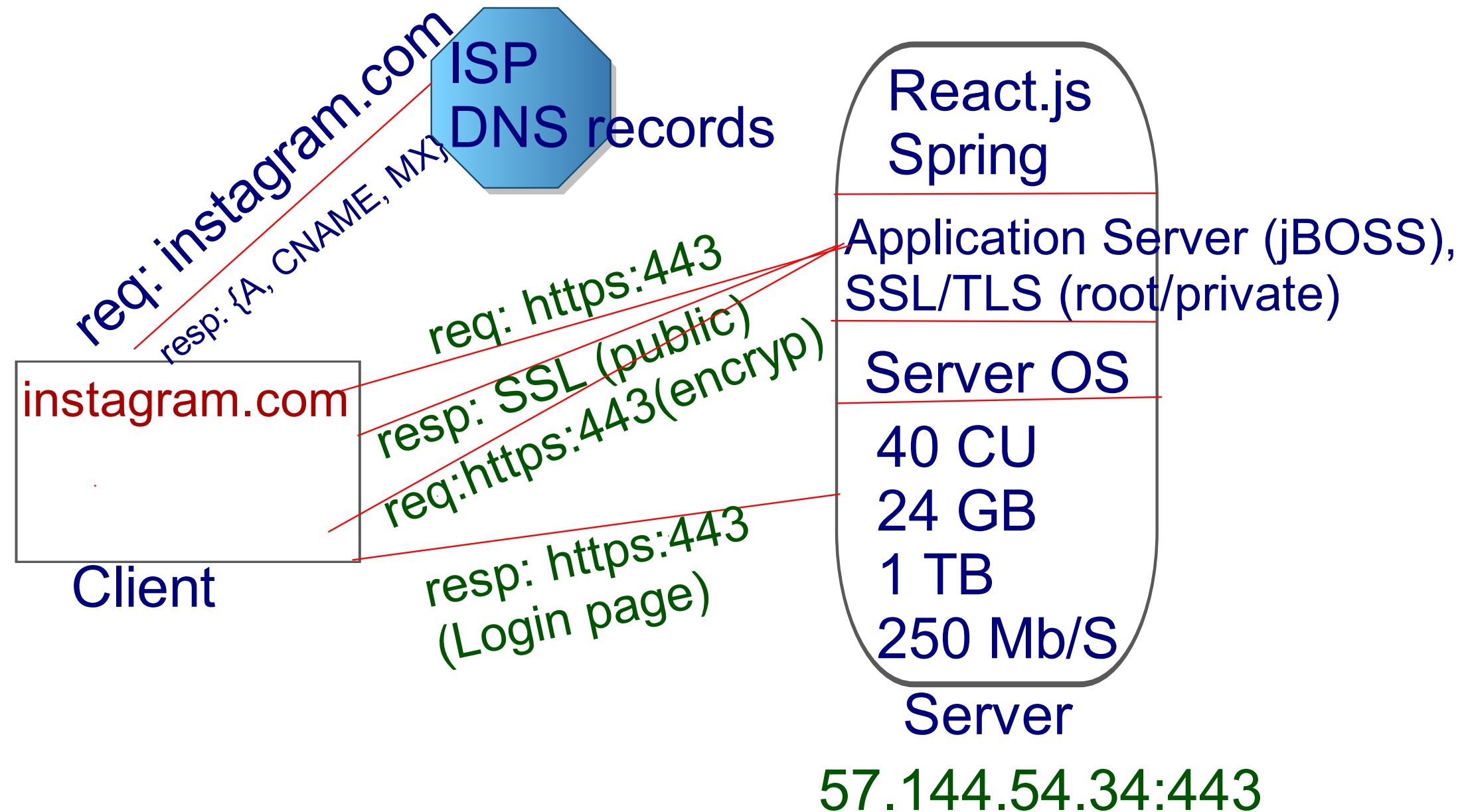


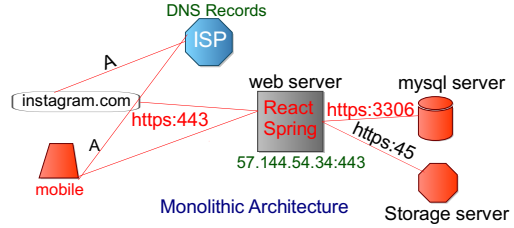
System Design

Application Types

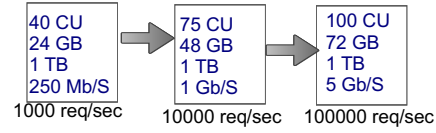
- Console / Stand-alone
- Web
- Mobile
- PoS (Point-of-Sale)
- IoT
- AI/ML
- Cloud

Client-Server Architecture

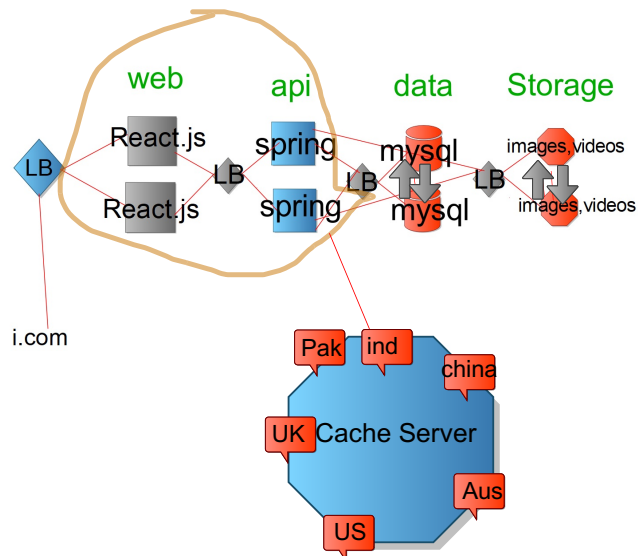
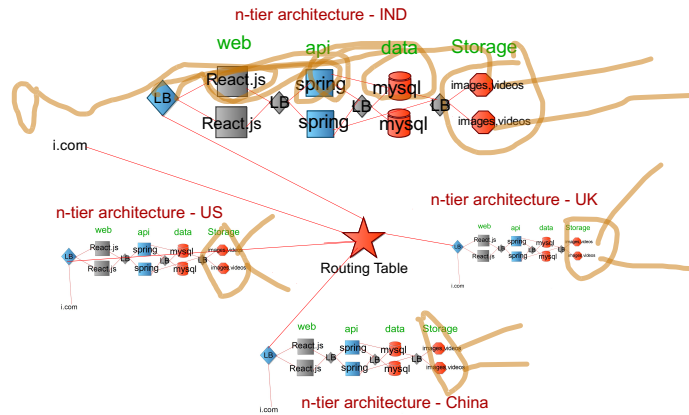
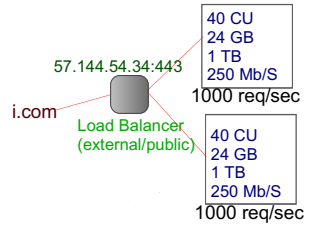


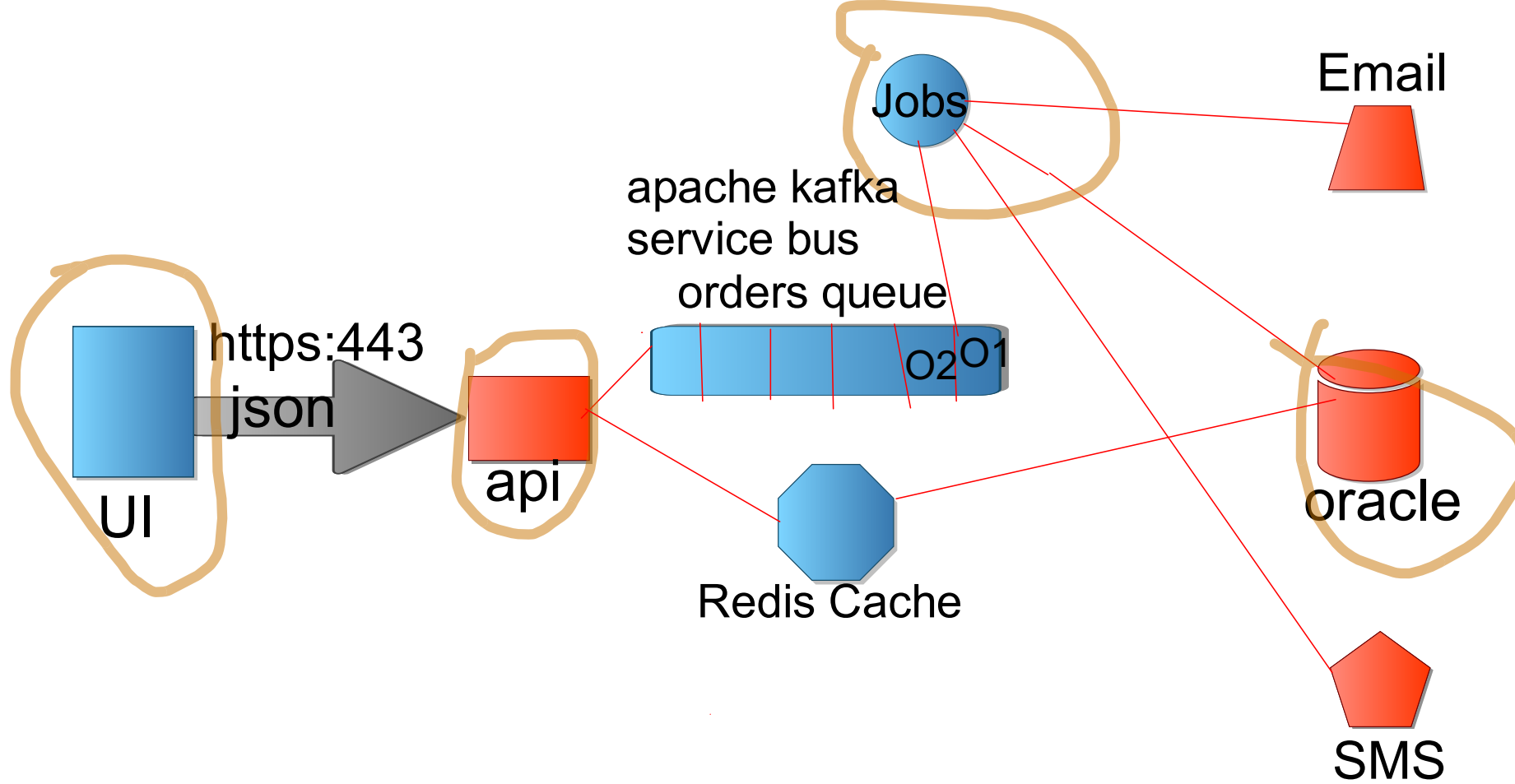


Vertical Scaling



Horizontal Scaling





JSON

[

{

"username": "samantha",
"password": "Duck@!4#"

},

{

"username": "trisha",
"password": "Duck@!4#"

}

]

TOON

{

["username", "password"]

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

}