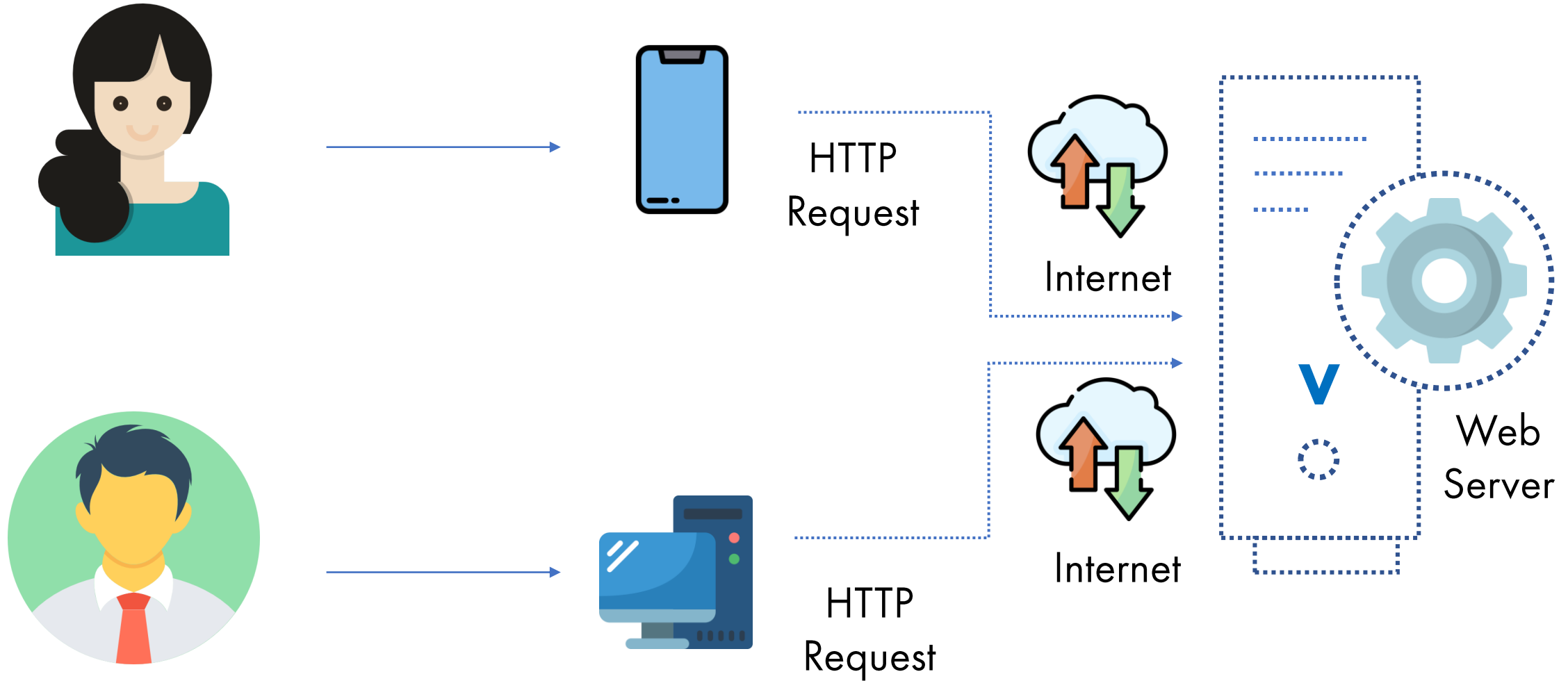
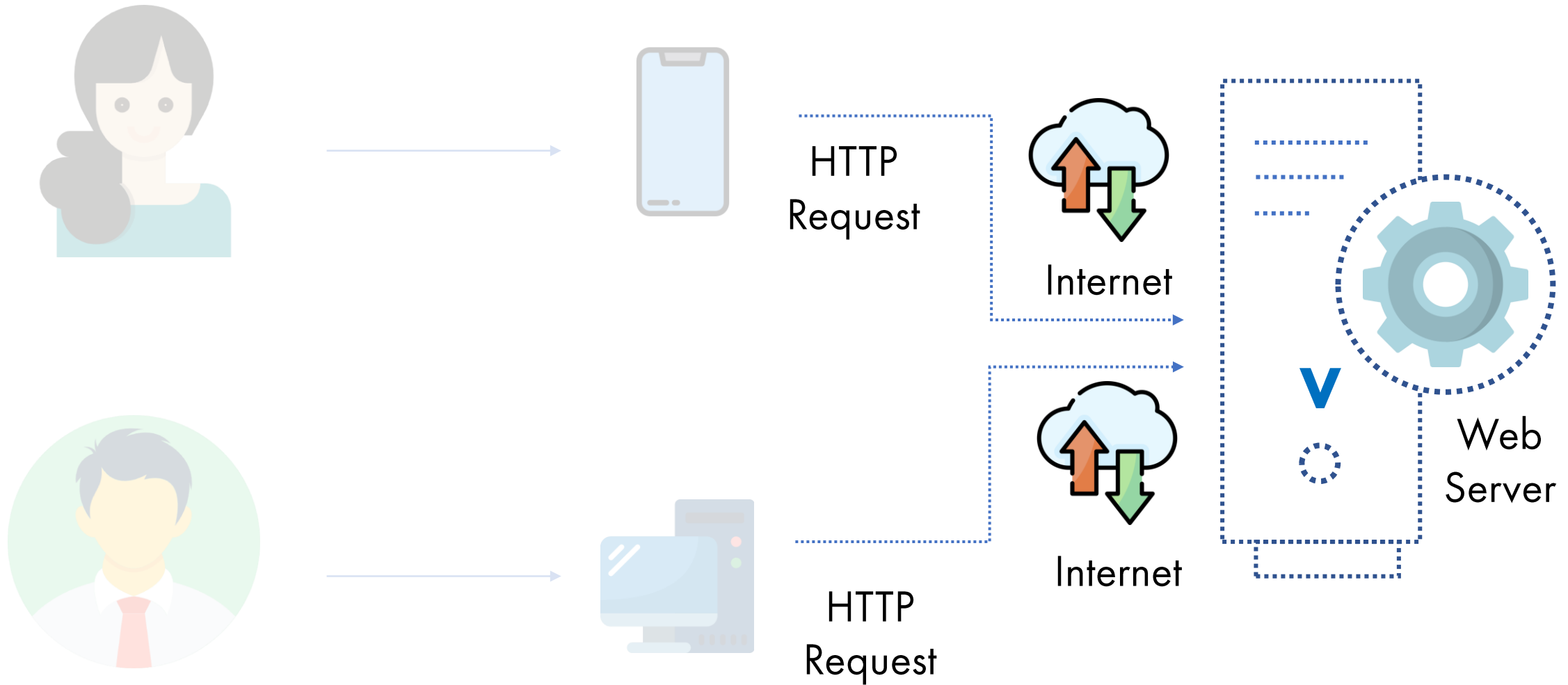


Accessing Web Content

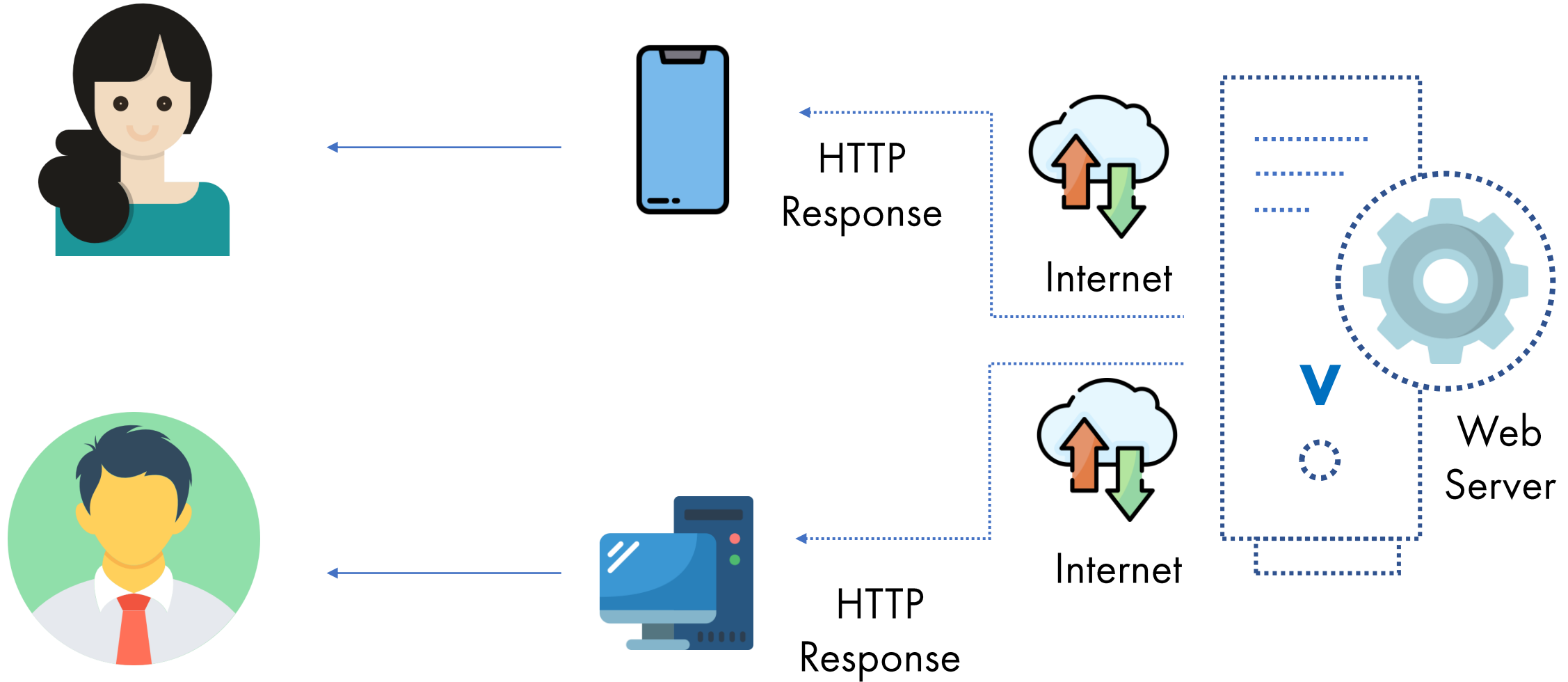
Accessing Web Content



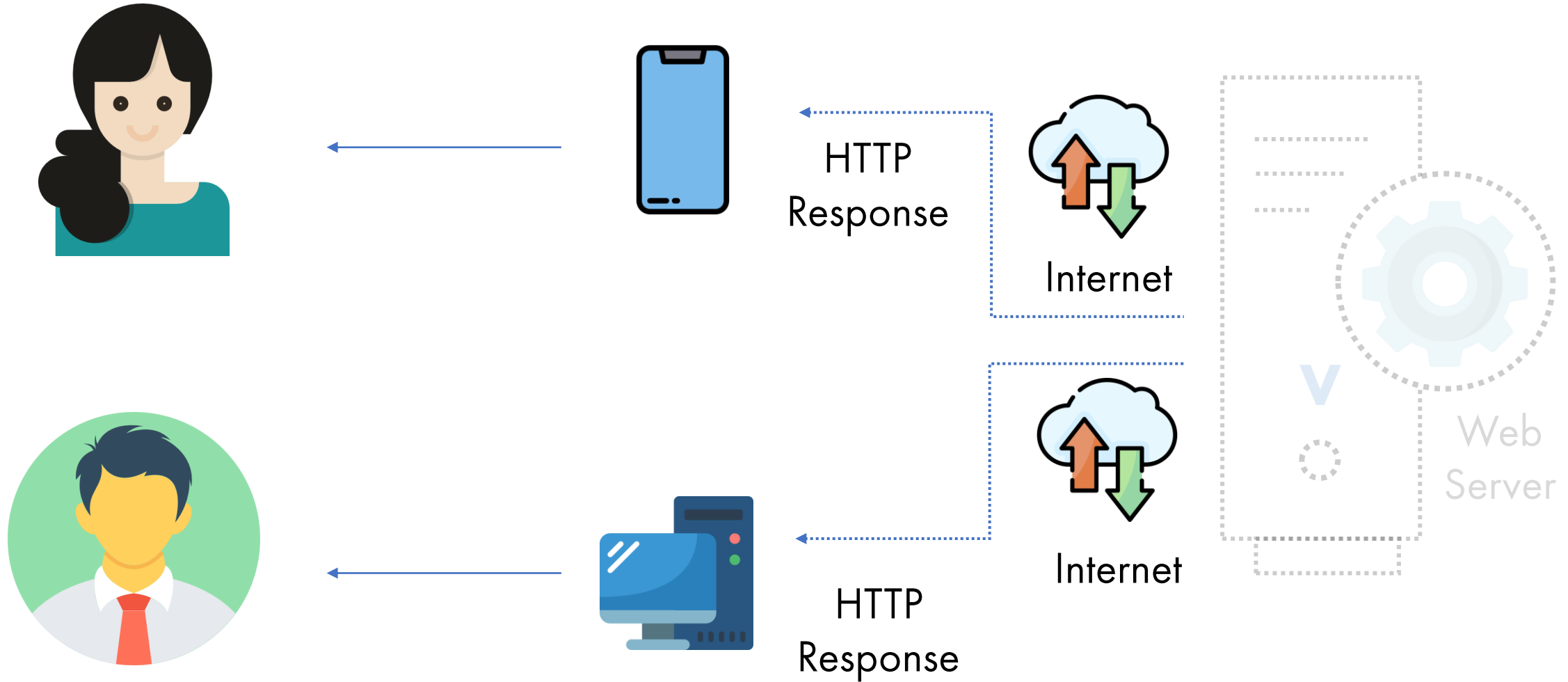
Accessing Web Content



Accessing Web Content



Accessing Web Content



Hypertext Transfer Protocol (HTTP)

Simple, ubiquitous text-based protocol used by browsers and apps to access web content

HTTP Clients

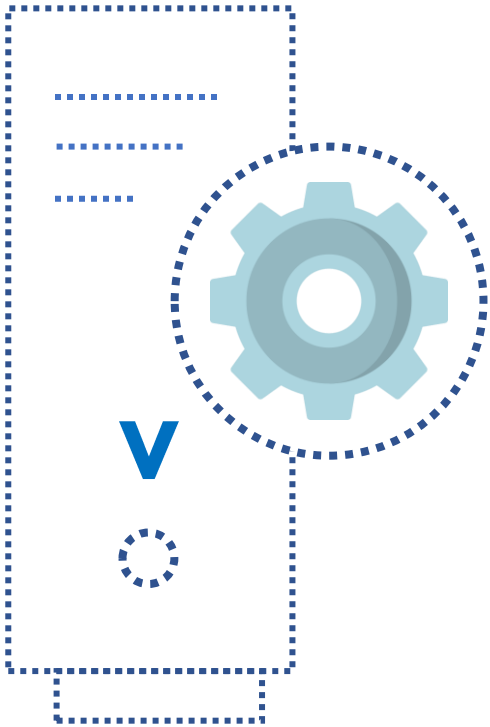


Client-server protocol

Client

- Web browser
- Mobile apps
- Programs

HTTP Servers



Host web pages and web content

Maybe static or dynamic

Run HTTP servers such as

- Apache
- nginx
- IIS (Microsoft)
- GWS (Google)

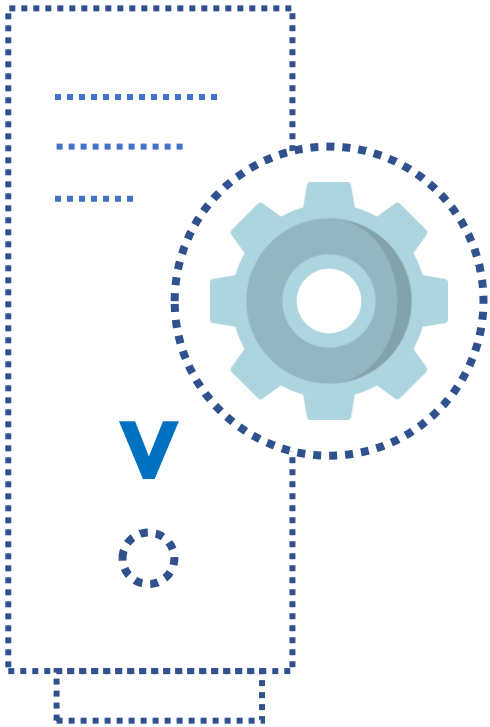
HTTP Requests



Clients make HTTP requests

- GET to fetch resources
- POST to create/update resources
- PUT to idempotently create/update
- HEAD to get only HTTP header
- DELETE to delete resources

HTTP Responses



Servers are standing by to field requests

Send back HTTP responses

HTTP response includes

- Status line with code such as 404, 200
- Response header with metadata
- Response body