BPMN user/watch/sphone

last zx | February 9, 2022

User

User Taps on the Watch

The Watch Lights Up

displays date, time, number of steps since 8 am this morning

The user grabs his/her smartphone

The user opens the Fitbit mobile app

The user selects the proper « calendar » feature

The user hits the D-7 cell (What is the number of steps I did seven days ago?

The number of steps reaches the smartphone

The number of steps is displayed to the user

End

Vendors

Software Provider

The mobile app prepares an SQL request to be tunnel through an HTTPS connection that translates this question and that is addressed to api.fitbit.com

TheSQL requests hits api.fitbit.com

Credentialscheck are performed by theback end server at api.fitbit.com

The backend server transmits the SQL query to the underlying database

The database answers back by providing the number of steps at D-7

Domain/Host Provider

A DNS request is now prepared and ready to be addressed to GoDaddy Inc.

The DNS request goes through Internet perimeter security checks at GoDaddy Inc. (Firewalls, Web Application Firewalls, Intrusion Detection Systems, etc.

GoDaddy's DNS service maps api.fitbit.com to 104.16.65.50

The public IP address goes through (outbound) security checks

The SQL request goes through Internet perimeter security checks at Amazon Inc. (Firewalls, Web Application Firewalls, Intrusion Detection Systems, etc.

The number of steps goes through (outbound) security checks at Amazon Inc.

ISP

The app asks the phone which asks Free SAS: « Am I connected to the Internet

Free SAS answers back by saying « The Internet is wide open for you

The DNS request is put in a back pack and is channeled to GoDaddy Inc. while going through Free SAS, European Telcos, submarine cables (and the sharks), US telcos

The IP address is channeled back to the smartphone through US telcos, submarine cables, European Telcos and Free SAS

With the IP addressobtained, the SQL query can be sent to Amazon Inc. while goingthrough FreeSAS, European Telcos, submarine cables(and the sharks), US telcos

The number of steps is channeled back to the smartphone through US telcos, submarine cables, European Telcos and FreeSAS