

Attempt all questions. Submission deadline is 6pm Sunday (Dec 1, 2019)

1. What tech stack would you recommend for the implementation of a GDS-based OTA web application like [busfor.com](https://busfor.com)? Provide a brief but clear argumentation for your recommendation.
2. You want to host an OTA application, which hosting service would you use? (AWS, Google Cloud, Heroku, DigitalOcean, other?) Tell us why you'd choose that service over the others.
3. We work with APIs a lot. Here's a sample request:  
curl -g -X GET \  
[https://api-demo.distribution.com/retailers/v4/connections/vacancy?marketing\\_carrier=NEXP&departure\\_station=GBXVHPET&arrival\\_station=GBCBGTPR&departure\\_time=2019-12-15T07:15&arrival\\_time=2019-12-15T09:15&currency=EUR&passengers\[\]\[pax\]=2&passengers\[\]\[type\]=PNOS&fare\\_class=FARE-1](https://api-demo.distribution.com/retailers/v4/connections/vacancy?marketing_carrier=NEXP&departure_station=GBXVHPET&arrival_station=GBCBGTPR&departure_time=2019-12-15T07:15&arrival_time=2019-12-15T09:15&currency=EUR&passengers[][pax]=2&passengers[][type]=PNOS&fare_class=FARE-1) \  
-H 'api-key: AlzaSyBGEpZdxbufTSpclxWXoRjSdKu6ZctiuyI' \  
-H 'content-type: application/json'
4. Explain the major parameters in the request. What do you expect in the response?
5. Using Postman, make the request and attach the response from the endpoint. Include screenshots of the entire process.