Conference Scheduler API Challenge

Simply put, your main objective for this coding challenge is to send an API request to a server, get a collection of unorganized data, build a solution, then post your solution back to the API.

API Endpoint: https://backendassessmentv1.onrender.com/conference

The data is a collection of partners who need to attend meetings within their respective countries. For each partner you will find first and last names, email addresses, country locations and dates of availability. Your goal is to find attendees and start dates for conferences in each country such that the number of attendees is maximized.

Your job is to build an invitation list based on the data. An example solution would look like the following. Keep in mind this is an example and not the real solution. Your solution must be POSTed as JSON data in exactly the following format:

```
{
'Conferences': [
        {
        "attendeeCount": 16,
        "attendees": [
            "rketring@codingtemple.com",
            "ccafaro@codingtemple.com",
            "mlacau@codingtemple.com",
            "eomersa@codingtemple.com",
            "ssheahan@codingtemple.com",
            "msoult@codingtemple.com",
            "bleeks@codingtemple.com",
            "lsolid@codingtemple.com",
            "bwatton@codingtemple.com",
            "jmasher@codingtemple.com",
            "afernadez@codingtemple.com",
            "mmottern@codingtemple.com",
            "pdougherty@codingtemple.com",
            "sdegunya@codingtemple.com",
            "sbeemon@codingtemple.com",
            "mvirgel@codingtemple.com"
        ],
        "name": "United States",
        "startDate": "2017-05-28"
        },
        …]
}
```

For each partner, you need to categorize them according to the country in which they must attend the meeting. Find a way to determine which availability dates work best for everyone in EACH country. If a date doesn't work for a specific partner, they simply will not be able to attend the meeting. If two start dates could have the same number of attendees, pick the earlier start date.

The kicker: this meeting will last a total of two days. Because of this, you must find a RANGE of two dates that work best for everyone. For whichever two days work the best, only display the first date everyone can start. Partner availability is listed day-by-day, aka you must make sure that a partner is available for both potential meeting dates.