**CDN Product Architect Homework Lab**

Thank you for taking the time to speak with us. We have enjoyed the interview so far!

Our technical homework is intended to evaluate your hands-on capabilities, give you a taste for the work we do, and show us how you adapt.

**Steps 1:**

1. Setup a BytePlus Console Account
2. Activate CDN
3. Create your ideas CDN delivery domain

Please keep in mind this assignment is meant to evaluate your ability to learn new concepts quickly through effective research & self-discovery.

"Will not incur charges as no substantial traffic pass-thru"

**Steps 2:**

1. Create an origin web server on a platform of your choice. This can be in any form of cloud platform or serverless mode without incurring compute charges. Idea Serverless or FreeTier or Static Site Generators from the likes of Github, eliminating the need for a traditional origin web server.

- This Webserver must have 2/3 endpoints;

a. Endpoint which returns HTTP request headers in the body of HTTP response

b. Endpoint which is something that you have written yourself (e.g JS, Python, etc)

c. Endpoint part of "b" which has an image you can cache

1. Setup this in BytePlus CDN for Acceleration with necessary configuration

**Deliverables:**

1. A working CDN Accelerated Web with above endpoints
2. Simple report write-ups detailing how you implement this with steps.

- What use cases do you think of, using features in CDN + Edge Functions

- How do you fill the gaps in your knowledge during the process?

- What do you think of customers during this learning process?