System requirements :
->Total songs : 100M
->Song Mp3 : 5mb
 Storage :
    100M * 5mb = 500TB
Metadata :
 -> 1 Song : 100b
-> total : 100b * 100M = 10gb

Spotify System Design

Content Delivery Network

Most listened songs for every region cached.

Load Balancer for distribution of Load : method Suggested: Round Robin

Song id:
Song_name:
author:
Album:

RDS for metadata storage

S3 for object storage : Raw data for songs

miro