X-Ray Sampling Rules

- With sampling rules, you control the amount of data that you record

- You can modify sampling rules without changing your code

- By default, the X-Ray SDK records the first request **each second**, and **five percent** of any additional requests.

- **One request per second is the *reservoir*,** which ensures that at least one trace is recorded each second as long the service is serving requests.

- **Five percent is the *rate*** at which additional requests beyond the reservoir size are sampled.