Application of Microservices Patterns to Big Data Systems

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Please not that this guide aims to only encompass the main themes being discussed with the interviewee and as such does not include the prompts that may have emerged in the process of interview. Some general prompts and close-ended questions are included.

A. Establishing Rapport

Before the interview begin, it would be nice if you could introduce yourself and tell me a bit about your background and your area of interest.

B. Candidates background

- 1) Could you please tell me your job title please?
- 2) Could you please tell me how many years of professional experience have you got in software engineering or data engineering?
- 3) Could you please tell me in which level of proficiency do you consider yourself to be ? (answer from 1 to 5, 1 being novice, and 5 being expert)

C. Familiarity with big data systems

- a) Could you please tell me your experience with microservices architecture?
- b) Could you please tell how many years of experience have you got related to data engineering or big data?
- c) Are you familiar with challenges of big data system development?
- 1) Could you please tell me your experience with big data systems?
- 2) Could you please tell how many years of experience have you got related to microservices architecture?
- 3) Are you familiar with all the patterns we've listed for micorserivces architecture in this study?

D. Familiarity with microservices

- Could you please tell me your experience with microservices architecture?
- 2) Could you please tell how many years of experience have you got related to data engineering or big data?
- 3) Are you familiar with challenges of big data system development?

E. Microserives patterns for big data systems

1) Do patterns we listed