

Appendix A

Interview Respondents

Table A.1: Positions of interviewees.

ID	Position
1	Technology Officer
2	Mission Critical Engineer
3	Mission Critical Engineer
4	Cloud Architect
5	Cloud Acceleration Team Lead
6	Mission Critical Engineer
7	Cloud Vendor Manager
8	Cloud Architect
9	AWS Technical Practice Lead/Cloud Engineer
10	Chief Technology Officer
11	Mission Critical Engineer
12	Cloud Architect
13	Mission Critical Engineer
14	Cloud Architect
15	Mission Critical Engineer
16	Mission Critical Engineer
17	Chief Information Officer

Appendix B

Interview Questions

The interviews are semi-structured. The questions below illustrate the main topics discussed, however, the questions varied depending on the experience and role of the practitioner. Furthermore, during the conversations, more questions arose to understand the details of certain experiences and claims.

1. Could you introduce yourself and tell something about your position, experience, and career path?
2. Do you take energy efficiency into account when architecting/ designing/ developing in the cloud?
3. Could you give some examples of projects you worked on? Together with its challenging and design decisions?
4. Could you give some examples of strategies you applied to optimize cloud software for costs?

Appendix C

Model Validation Survey

1. What is your opinion on the overall model? E.g., is it clear?
2. Do you agree with the mentioned tactics for cost optimization (T1 - T16)?
3. Do you miss any tactics to optimize the costs/energy efficiency for software in the cloud?
4. Which tactics (T1 - T16) do you think have the largest impact on energy efficiency?