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Project Proposal-Preparation for Migration to Cloud for Smaller Enterprise Businesses

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*Abstract*—The migration to cloud for Fortune 500 and other global entities is achieved by engaging with top consulting companies and experienced professionals from the cloud providers themselves. For companies for whom that level of support is out of reach, what are the most effective methodologies and best practices to assure a successful, non-disruptive transition to cloud? This paper outlines a playbook for a smaller Enterprise or SMB organization to migrate operations from on premise to cloud. Our discussion will present planning criteria for the move, technical migration strategies, risk mitigation strategies, and change management considerations.

# Proposal

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or this project, we will interview migration leads from two companies currently engaged in migration planning to understand their concerns and explore how they have planned and prepared for the migration. We will compare offerings from top cloud providers to present a ‘buyer’s guide’, highlighting the availability of professional assistance. The team will conduct a literature review to collect best practices and methodologies reported for cloud migration both in scholarly papers and in respected professional journals. Our search will include publications from the last six months (May ’17 – ‘Sept 17). Based on the research, we will create a migration planning guide to provide a Do-It-Yourself reference tool for smaller Enterprise operations transitioning to cloud.

1. This paragraph of the first footnote will contain the date on which you submitted your paper for review. It will also contain support information, including sponsor and financial support acknowledgment. For example, “This work was supported in part by the U.S. Depart­ment of Com­merce under Grant BS123456”.

   The next few paragraphs should contain the authors’ current affiliations, including current address and e-mail. For example, F. A. Author is with the National Institute of Standards and Technology, Boulder, CO 80305 USA (e-mail: author@ boulder.nist.gov).

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