

PREFACE

Praise be to Allah SWT for His Grace and Gifts, so that the author can complete this thesis entitled "Development of SD-WAN: An Analysis of Technical, Techno-Economic, and Regulatory Aspects." This thesis is submitted to fulfill one of the requirements for obtaining a Master's degree in Electrical Engineering. May prayers and peace be always upon the Prophet Muhammad SAW, his family, friends, and followers. Aamiin.

The implementation of SD-WAN technology is essential to enhance the efficiency and flexibility of modern network architectures, especially in dynamic environments like those found in businesses and remote locations. This thesis explores the technical, techno-economic, and regulatory aspects of SD-WAN, proposing solutions to optimize connectivity, reduce costs, and ensure compliance with current regulations. The research aims to provide insights into how SD-WAN can address connectivity challenges, improve network performance, and offer a scalable solution for future needs. The results of this thesis open the door for further research and development in this area.

Any unintended errors in this thesis may not have been recognized by the author. Therefore, constructive feedback and suggestions from readers are highly appreciated to help improve the work. Ultimately, the author hopes that this thesis will be valuable, particularly to those interested in understanding the technical, economic, and regulatory aspects of SD-WAN technology.

Bandung, August 7, 2025



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