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Abstract

The prime objective of this report is to intend and deploy a wireless LAN (Local Area Network) in a SOHO ambience. As a network consultant, the goal is to administer an appropriate resolution for an IT company named **Utopia Tech**. Utopia is a SO(Small Office), established with the aim of providing gratifying assistance to clients utilizing advanced & innovative technology in every possible way. This report about WLAN infrastructure design incorporates details about site survey, utilization of site survey tools, designs, justifications and consideration of hardware, software and other ample information. Likewise, the project further comprise of security requirements during the WLAN deployment along with crucial features like reliability, scalability and easily maintainable for future use. Scant obstacles during the process are carefully taken care of and appropriate actions are taken in order to avoid them from the deployment process.