

Research on security policies on Windows Server 2008 and application for Son La Ethnic Boarding High School (Son La province)

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Abstract: In the context of the ever-evolving cybersecurity and technology frontier, this study focuses on the security policy configuration of Windows Server 2008 and explores its application at Shilin County Ethnic Middle School, an ethnic middle school located in Yunnan Province. By examining current information security policies and analyzing real-world cases, the study aims to identify and propose effective security measures to ensure the stable operation of the school's critical information systems. This research adopts a combination of theoretical and practical methods, validating the proposed solutions through simulated attack experiments and data analysis. The findings not only enhance the information security level of this ethnic middle school but also provide a reference framework for security policy implementation that can be adopted by other educational institutions.

Keywords: Windows Server 2008, security policy configuration, educational institution information security, Shilin County Ethnic Middle School, simulated attack experiment