

# **Research on some performance testing methods and applications**

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**Abstract:** This topic aims to study performance testing methods and apply them in practice, meeting the need for system optimization in various fields such as information technology. By combining theory with experimentation, the topic will thoroughly examine modern testing techniques and apply them to evaluate system performance. The expected outcome is to build a highly applicable set of academic methods, contributing to improving quality and enhancing the overall performance of the system.

**Keywords:** Performance testing, Information technology system, Experimental technique