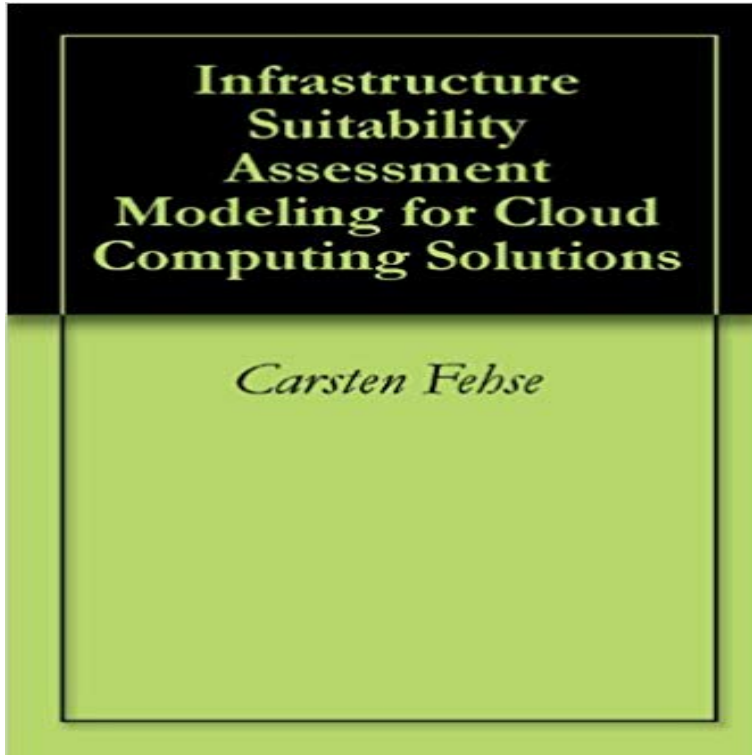


# Infrastructure Suitability Assessment Modeling for Cloud Computing Solutions



Maturing virtualization in information technology systems has enabled increased implementations of the cloud computing paradigm, dissolving the need to co-locate user and computing power by providing desired services through the network. This thesis researches the support that current network modeling and simulation applications can provide to IT projects in planning, implementing and maintaining networks for cloud solutions. A problem-appropriate domain model and subsequent requirements are developed for the assessment of several network modeling and simulation tools, which leads to the identification of a capability gap precluding the use of such tools in early stages of cloud computing projects. Consequently, a practical, modular designed methodology is proposed to measure the essential properties necessary for developing appropriate cloud computing network traffic models. The conducted proof-of-concept experiment applied to a virtual desktop environment finds the proposed methodology suitable and problem-appropriate, and results in recommended steps to close the identified capability gap.

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2.6 Review governance. 3. Implementing a cloud solution. 3.1 Build a business model. 3.2 Assess the risks. 3.3 Capture requirements. 3.4 Build a business case. **A Guide to Implementing Cloud Services DOC 303KB** Sep 23, 2011 TITLE AND SUBTITLE Infrastructure Suitability Assessment Modeling for. Cloud Computing Solutions. 5. FUNDING NUMBERS. 6. AUTHOR(S) **Infrastructure Suitability Assessment Modeling for Cloud Computing** Find eBook best deals and download PDF. Infrastructure Suitability Assessment Modeling for Cloud Computing Solutions by Carsten Fehse. Book review. **Infrastructure Suitability Assessment Modeling for Cloud Computing** Based on the gathered information, the user has to assess the legislative risks and decide what and what data they will transfer to the computing infrastructure of the provider. Cloud. Computing. 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