Abstract

In the age of cloud computing or utility computing, multi-tenant applications mainly Software as a Service (SaaS) applications have been popularly acknowledged as the generation next of Internet applications. These applications allow various organizations or tenants to modify (customize) an application in a robust and reliable manner. However, this customization according to the user organization's perspective can be error-prone, so research is being carried out to develop SaaS applications based upon different frameworks, platforms and modelling approaches. Multi-tenancy is an architectural approach in which a single instance of an application serves more than one customer who are referred to as tenants.

In this paper, the researcher has made a broad survey to understand the various features of the issues concerned with multi-tenancy. The results of the study should be used to understand the pros and cons of these aspects as well as to identify the areas of future research.


Index Terms
Computer Science Distributed Systems

Keywords
Multi-tenancy, SAAS application, Cloud computing,