Abstract

The problem domain of lease processing in the infrastructure-as-a-service (IaaS) Cloud with the uncertain requirements of the Consumer on the account of per-defined conditions of owner privileges is under consideration. The uncertain requirements against the owner conditions have been converted into the meaningful (definite) matrix values with help of possibility distributions. The Fuzzy Control Logic (FCL) is used to solve this problem, which will be integrated with Cloud Scheduler. The results of the same are illustrated in this work.

References

Index Terms

Computer Science  Information Technology

Keywords
Fuzzy logic  Cloud Computing  Scheduler  Hypervisor