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Authors:

A. S. Jaiswal

V. M. Thakare

S. S. Sherekar

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## Abstract

With modern smart phones and powerful mobile devices, Mobile apps provide many advantages to the community but it has also grown the demand for online availability and accessibility. Cloud computing is provided to be widely adopted for several applications in mobile devices. However, there are many advantages and disadvantages of using mobile applications and cloud computing. The main disadvantage of cloud servers are the distance from the device, to overcome this disadvantage cloudlets are come in the picture. Cloudlets

bring the cloud server closer to mobile devices which help to utilize many drawbacks of cloud server for the mobile industry. There are many different cloudlet architecture are developed by different researchers in the research work. In this paper the analytic and performance based review on different cloudlet architecture is done, which helps to understand the cloudlet and find out the best cloudlet architecture from them.

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Computer Science

### Index Terms

Distributed Systems

### Keywords

Cloud Cloudlet Virtualization Cloudlet Architecture.