

An Investigation of Task Offloading Latency in Edge-Cloud Environment Using Machine Learning Techniques

Publisher: IEEE

Cite This

PDF

Joel Hebrew. P ; Prem Kumar. S ; Naveen Raj. R ; Kumar. N All Authors

35
Full
Text Views



Abstract

Document Sections

- I. Introduction
- II. Related Work
- III. Proposed Methodology
- IV. Dataset and Testing
- V. Conclusion

Authors

Figures

References

Keywords

Metrics

More Like This

Abstract:

The volume of information produced by Internet of Things (IoT) gadgets has significantly expanded along with how many of these gadgets are connected to the Internet. Now a day's Edge-Cloud computing has a major roll to store the data. Edge computing is close proximity to the network's edge enables quick data processing and supporting user request. Therefore, we present an Edge-Cloud system design that enables scheduling IoT application offloading operations reducing a massive volume of data being transmitted in the network.

Published in: 2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS)

Date of Conference: 17-18 March 2023

DOI: 10.1109/ICACCS57279.2023.10112713

Date Added to IEEE Xplore: 05 May 2023

Publisher: IEEE

Conference Location: Coimbatore, India

► ISBN Information:

▼ ISSN Information:

Sign in to Continue Reading

Authors	▼
Figures	▼
References	▼
Keywords	▼
Metrics	▼



Need
Full-Text

access to IEEE *Xplore*
for your organization?

CONTACT IEEE TO SUBSCRIBE >

IEEE Personal Account

CHANGE
USERNAME/PASSWORD

Purchase Details

PAYMENT OPTIONS
VIEW PURCHASED
DOCUMENTS

Profile Information

COMMUNICATIONS
PREFERENCES
PROFESSION AND
EDUCATION
TECHNICAL INTERESTS

Need Help?

US & CANADA: +1 800
678 4333
WORLDWIDE: +1 732
981 0060
CONTACT & SUPPORT

Follow

[f](#) [@](#) [in](#) [v](#)

About IEEE *Xplore* | Contact Us | Help | Accessibility | Terms of Use | Nondiscrimination Policy | IEEE Ethics Reporting [🔗](#) | Sitemap | IEEE Privacy Policy

A public charity, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2025 IEEE - All rights reserved, including rights for text and data mining and training of artificial intelligence and similar technologies.