



# International Journal of Fog Computing (IJFC)

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Fog Computing is an emerging area of research that expands mobile cloud computing services to satisfy customer's requirements between the devices and cloud. Current cloud computing architecture has been reported as unsuitable for the Internet of Things (IoT) where sensors and actuators are embedded in physical objects that are linked to the Internet through wired and wireless networks. Billions of devices now being connected (IoT) produce terabytes of data daily that need a better infrastructure for dissemination, data mining and analytics (Big Data). Fog Computing works in conjunction with cloud computing to tackle these challenges and optimizes the efficient use of all resources. The International Journal of Fog Computing (IJFC) through its publication aims to provide an international forum for researchers to discuss and address these challenges and propose innovative solutions, products, theories and concepts for seamless future computing infrastructures.

## Individual Price:

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## Topics Covered:

- Access control mechanism in fog computing
- Authentication, auditing, and accountability in fog computing
- Business models for fog computing
- Case studies and theories in fog computing
- Current and future standardization for fog computing
- Cyber-physical security of fog devices
- Data confidentiality in fog devices
- Data management in distributed fog computing environments
- Data-centric approaches to fog computing
- Data-flow modelling and management in fog computing
- Deployment and optimization of fog computing
- Design tool for fog computing
- Fog business
- Fog computing and open source
- Fog computing applications
- Fog computing architecture
- Fog computing architecture, infrastructure, and platforms
- Fog computing discovery, consolidation, and synchronization
- Fog computing economics
- Fog computing heterogeneity, scalability, and energy efficiency
- Fog computing location-based services, presence, availability, and locality
- Fog computing management
- Fog computing management tools and services
- Fog computing performance, SLA management, and enforcement
- Fog computing services and solutions
- Fog data storage and file systems
- Fog service architectures
- Fog-based parallel processing
- Fog-cloud interactions and enabling protocols
- Fog-to-cloud interfaces and protocols
- Information-centric fog models
- Interactions between the fog and the cloud
- Load balancing and service selection in fog computing
- Location privacy in fog computing
- Maintenance and management of fog systems and services
- Middleware for fog computing infrastructures
- Mobility and connectivity for fog computing
- Network function virtualization for fog computing
- New applications for the fog environment
- Privacy-enhanced technologies for fog applications
- Programming models and toolkits for fog computing
- Quality of service (QoS) for fog computing
- Resource management and provisioning in fog computing
- Secure outsourcing computation of fog devices
- Security and privacy for fog computing
- Service-oriented architecture in fog computing
- Software-defined networking for fog computing
- Technologies for supporting fog computing
- Virtualization in fog computing
- Virtualization on platforms in the fog computing

## SUBMISSION INFORMATION

Prospective authors should note that only original and previously unpublished articles will be considered. Interested authors must consult the journal's guidelines for manuscript submissions at [www.igi-global.com/publish/resources](http://www.igi-global.com/publish/resources) prior to submission. All article submissions will be forwarded to the Editorial Review Board for double-blind, peer review.

All submissions and inquiries should be directed to the attention of:  
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