Abstract

Internet of things (IoT) is considered to be one of the most recent emerging trends which connect variety of physical objects embedded with electronics equipment's for achieving a particular goal. Since 2013 the concept of IoT has been introduced in the field of networking for converging multiple devices and technologies. In the recent times many researchers have focused in the area of Internet of things as it is considered for handling multiple applications of many diverse fields. This paper focuses on collecting the information of an existing research trend of Internet of Things. The significant findings of this paper provide better resolution in the field of Internet of things which will be quite beneficial for future researchers, academician and Industries. Research gap and performance analysis of the existing studies considered as a major contribution of the proposed survey.

References

vol., no., pp. 86,92 vol. 1, 17-20
routing;&quot; Network Protocols, vol., no., pp. 80-87
- Gershenfeld, Neil; Cohen, D. 2006. Internet 0: Interdevice Internetworking - End-to-End
Modulation for Embedded Networks. vol. 22, no. 5, pp. 48-55
4/1-4/6
- McCluskey, P. 2002. A web-based graduate course on design-for-reliability of electronic
systems. pp. 1507-1509
75-78.
- Nan Lin; Weihang Shi. 2014. The research on Internet of things application architecture
- Zhiyong Shi; Kui Liao; Shiping Yin; Qingbo Ou. 2010. Design and implementation of the
mobile internet of things based on td-scdma network. on , vol., no., pp. 954,957, 17-19
- Yinghui Huang; Guanyu Li, 2010. A Semantic Analysis for Internet of Things. vol. 1, no.,
pp. 336,339, 11-12
- Coetzee, L.; Eksteen, J. 2011. The Internet of Things - promise for the future An
introduction. vol., no., pp. 1.9, 11-13 May 2011
survey on facilities for experimental internet of things research, vol. 49, no. 11, pp. 58-67
Distributed Topology Control Techniques for Extending the Lifetime of Battery Powered
Wireless Sensor Networks vol. 15, no. 1, pp. 121-144
- Bellavista, P.; Cardone, G.; Corradi, A.; Foschini, L. 2013. Convergence of MANET
and WSN in IoT Urban Scenarios. vol. 13, no. 10, pp. 3558-3567
- Zhengguo Sheng; Shusen Yang; Yifan Yu; Vasilakos, A.; McCann, J.; Kin Leung. 2013.
A survey on the ietf protocol suite for the internet of things: standards, challenges, and
opportunities pp. 91-98.
276-288.
Smart Cities. vol. 1, no. 1, pp. 22-32
- Chun-Wei Tsai; Chin-Feng Lai; Ming-Chao Chiang; Yang, L. T. 2014. Data Mining for
Internet of Things: A Survey. vol. 16, no. 1, pp. 77-97
89-92.
- Bolic, Miodrag; Rostamian, Majed; Djuric, Petar M. 2015. Proximity Detection with RFID:
A Step Toward the Internet of Things. vol. 14, no. 2, pp. 70-76.
Evaluating Perception, Characteristics and Research Directions for Internet of Things (IoT): An Investigational Survey


Qihui Wu; Guoru Ding; Yuhua Xu; Shuo Feng; Zhiyong Du; Jinlong Wang; Keping Long. 2014. Cognitive Internet of Things: A New Paradigm Beyond Connection. vol. 1, no. 2, pp. 129-143


Daqiang Zhang; Shengjie Zhao; Yang, L. T.; Min Chen; Yunsheng Wang; Huazhong Liu. 2015. NextMe: Localization Using Cellular Traces in Internet of Things. vol. 11, no. 2, pp. 302-312


Hao Yue; Linke Guo; Ruidong Li; Asaeda, H.; Yuguang Fang, 2014. DataClouds: Enabling Community-Based Data-Centric Services Over the Internet of Things. vol. 1, no. 5, pp. 472-482.


Li Wei; Tao Zhi; Gu Dawu; Sun Li; Qu Bo; Liu Zhiquiang; Liu Ya. 2014. An effective differential fault analysis on the Serpent cryptosystem in the Internet of Things. vol. 11, no. 6, pp. 129-139.

Index Terms

Computer Science

Networks

Keywords

Internet of Things  Context modelling  Sensor networks  Sensor Nodes.