

Browse > Journals> Communications Magazine, IEEE ...> Top Accessed Articles

Top Accessed Articles December 2011



Year:

Volume:

[VIEW CONTENTS](#)

1. Toward an architecture for monitoring private clouds

De Chaves, S.A. Uriarte, R.B. Westphall, C.B.

Page(s): 130 - 137

Digital Object Identifier : 10.1109/MCOM.2011.6094017

Cloud computing is rapidly emerging as a new model for service delivery, including for telecommunications services (cloud telephony). Although many solutions are now available, cloud management and monitoring technology has not kept pace, partially because of the lack of open source solutions. To address this limitation, this article describes our experience with a private cloud, and discusses the design and implementation of a private cloud monitoring system (PCMONS) and its application via a c... [Read More »](#)

2. A survey on sensor networks

Akyildiz, I.F. Weilian Su Sankarasubramaniam, Y.

Cayirci, E.

Page(s): 102 - 114

Digital Object Identifier : 10.1109/MCOM.2002.1024422

Cited by : 2300

3. Superposition modulation: myths and facts

Hoeher, P.A. Tianbin Wo

Page(s): 110 - 116

Digital Object Identifier : 10.1109/MCOM.2011.6094014

4. Spatial modulation for multiple-antenna wireless systems: a survey

Renzo, M.D. Haas, H. Grant, P.M.

Page(s): 182 - 191

Digital Object Identifier : 10.1109/MCOM.2011.6094024

5. Single RF front-end MIMO transceivers

Mohammadi, A. Ghannouchi, F.M.

Page(s): 104 - 109

Digital Object Identifier : 10.1109/MCOM.2011.6094013

6. Channel characterization and system verification for narrowband power line communication in smart grid applications

Wenqing Liu Sigle, M. Dostert, K.

Page(s): 28 - 35

Digital Object Identifier : 10.1109/MCOM.2011.6094003

7. G.HNEM: the new ITU-T standard on narrowband PLC technology

Oksman, V. Jin Zhang

Page(s): 36 - 44

Digital Object Identifier : 10.1109/MCOM.2011.6094004

8. Human mobility models for opportunistic networks

Karamshuk, D. Boldrini, C. Conti, M. Passarella, A.

Page(s): 157 - 165

Digital Object Identifier : 10.1109/MCOM.2011.6094021

9. Routing protocol in intervehicle communication systems: a survey

Suthaputchakun, C. Zhili Sun

Page(s): 150 - 156

Digital Object Identifier : 10.1109/MCOM.2011.6094020

10. RESTful web services for service provisioning in next-generation networks: a survey

Belqasmi, F. Glitho, R. Chunyan Fu

Page(s): 66 - 73

Digital Object Identifier : 10.1109/MCOM.2011.6094008

11. IEEE 1900.6: spectrum sensing interfaces and data structures for dynamic spectrum access and other advanced radio communication systems standard: technical aspects and future outlook

Murroni, M. Prasad, R.V. Marques, P. Bochow, B.

Noguét, D. Chen Sun Moessner, K. Harada, H.

Page(s): 118 - 127

Digital Object Identifier : 10.1109/MCOM.2011.6094015

12. Power line communications for automation networks and smart grid [Guest Editorial]

Lampe, L. Tonello, A.M. Shaver, D.

Page(s): 26 - 27

Digital Object Identifier : 10.1109/MCOM.2011.6094002

13. Femtocell networks: a survey

Chandrasekhar, V. Andrews, J. Gatherer, A.

Page(s): 59 - 67

Digital Object Identifier : 10.1109/MCOM.2008.4623708

Cited by : 188

14. Smart community: an internet of things application

Xu Li Rongxing Lu Xiaohui Liang Xuemin Shen Jiming

Chen Xiaodong Lin

Page(s): 68 - 75

Digital Object Identifier : 10.1109/MCOM.2011.6069711

15. Emerging cognitive radio applications: A survey

Jianfeng Wang Ghosh, M. Challapali, K.

Page(s): 74 - 81

Digital Object Identifier : 10.1109/MCOM.2011.5723803

16. MIMO techniques in WiMAX and LTE: a feature overview

Qinghua Li Guangjie Li Wookbong Lee Moon-il Lee
Mazzarese, D. Clerckx, B. Zexian Li
Page(s): 86 - 92
Digital Object Identifier : 10.1109/MCOM.2010.5458368
Cited by : 10

17. Scalable service deployment on software-defined networks

Rubio-Loyola, J. Galis, A. Astorga, A. Serrat, J. Lefevre, L. Fischer, A. Paler, A. Meer, H.
Page(s): 84 - 93
Digital Object Identifier : 10.1109/MCOM.2011.6094010

18. A survey on wireless mesh networks

Akyildiz, I.F. Xudong Wang
Page(s): S23 - S30
Digital Object Identifier : 10.1109/MCOM.2005.1509968
Cited by : 169

19. Identity management directions in future internet

Lampropoulos, K. Denazis, S.
Page(s): 74 - 83
Digital Object Identifier : 10.1109/MCOM.2011.6094009

20. Mobile crowdsensing: current state and future challenges

Ganti, R.K. Fan Ye Hui Lei
Page(s): 32 - 39
Digital Object Identifier : 10.1109/MCOM.2011.6069707

21. A survey on facilities for experimental internet of things research

Gluhak, A. Krco, S. Nati, M. Pfisterer, D. Mitton, N. Razafindralambo, T.
Page(s): 58 - 67
Digital Object Identifier : 10.1109/MCOM.2011.6069710

22. LTE: the evolution of mobile broadband

Astely, D. Dahlman, E. Furuskar, A. Jading, Y. Lindstrom, M. Parkvall, S.
Page(s): 44 - 51
Digital Object Identifier : 10.1109/MCOM.2009.4907406
Cited by : 19

23. A channel model proposal for indoor power line communications

Canete, F.J. Cortés, J.A. Díez, L. Entrambasaguas, J.T.
Page(s): 166 - 174
Digital Object Identifier : 10.1109/MCOM.2011.6094022

24. M2M-based metropolitan platform for IMS-enabled road traffic management in IoT

Foschini, L. Taleb, T. Corradi, A. Bottazzi, D.
Page(s): 50 - 57
Digital Object Identifier : 10.1109/MCOM.2011.6069709

25. Multimedia broadcast multicast service: new transmission schemes and related challenges

Gruber, M. Zeller, D.
Page(s): 176 - 181
Digital Object Identifier : 10.1109/MCOM.2011.6094023
