

Internet On The Move Survey

Jon Crowcroft, Heidi Howard, Arjuna Sathiaselalan, Narseo Valina

Abstract—The abstract goes here.

Index Terms—IEEEtran, journal, L^AT_EX, paper, template.

I. INTRODUCTION

THIS demo file is intended to serve as a “starter file” for IEEE journal papers produced under L^AT_EX using IEEEtran.cls version 1.7 and later.

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II. GLOBAL SCENARIO

III. EUROPEAN SCENARIO

A. Key Players

B. Mobile Broadband Penetration

C. Coverage

1) 2G:

2) 3G:

3) 4G:

D. Spectrum Allocation

E. Mobile Broadband Traffic

F. Wide area WiFi networks

G. Infrastructure

IV. UK SCENARIO

V. APPLICATION LAYER

A. Bonding

B. AAA

C. Security

D. DNS

E. SIP

F. Delay Tolerant Networks

VI. TRANSPORT LAYER

A. multipath TCP

B. Multi-homed TCP

C. Stream Control Transmission Protocol (SCTP)

D. Datagram Congestion Control Protocol (DCCP)

VII. NETWORK LAYER

A. Mobile IP

B. Host Identity Protocol (HIP)

C. IPsec

D. IPv4

E. Transition to IPv6

F. Hierarchical Mobile IPv6

G. Fast Mobile IPv6

H. Resource Reservation Protocol

I. Cisco’s Hot Standby Router Protocol (HSRP)

J. Virtual Router Redundancy Protocol (VRRP)

K. Less than best effect (scavenger class)

VIII. DATA LINK AND PHYSICAL LAYER

A. Multiprotocol Label Switching (MPLS) for QoS

B. Offloading/Onloading

C. 3G Onloading (3GOL)

D. Bonding 3G and Wifi

E. Wifi (IEEE 802.11)

F. WiMAX

G. WiMax 2

H. Mobile WiMax (IEEE 802.16e)

I. WiMax Advanced (IEEE 802.16m)

J. LTE

K. LTE Advance

L. High-Speed Packet Access (HSPA)

M. Evolved High-Speed Packet Access (HSPA+)

N. 3rd Generation Partnership Project (3GPP)

O. 4G

REFERENCES

- [1] H. Kopka and P. W. Daly, *A Guide to \LaTeX* , 3rd ed. Harlow, England: Addison-Wesley, 1999.