

Cloud computing in developing economies

Rohan Samarajiva

Internet Governance Forum, 23 October 2013

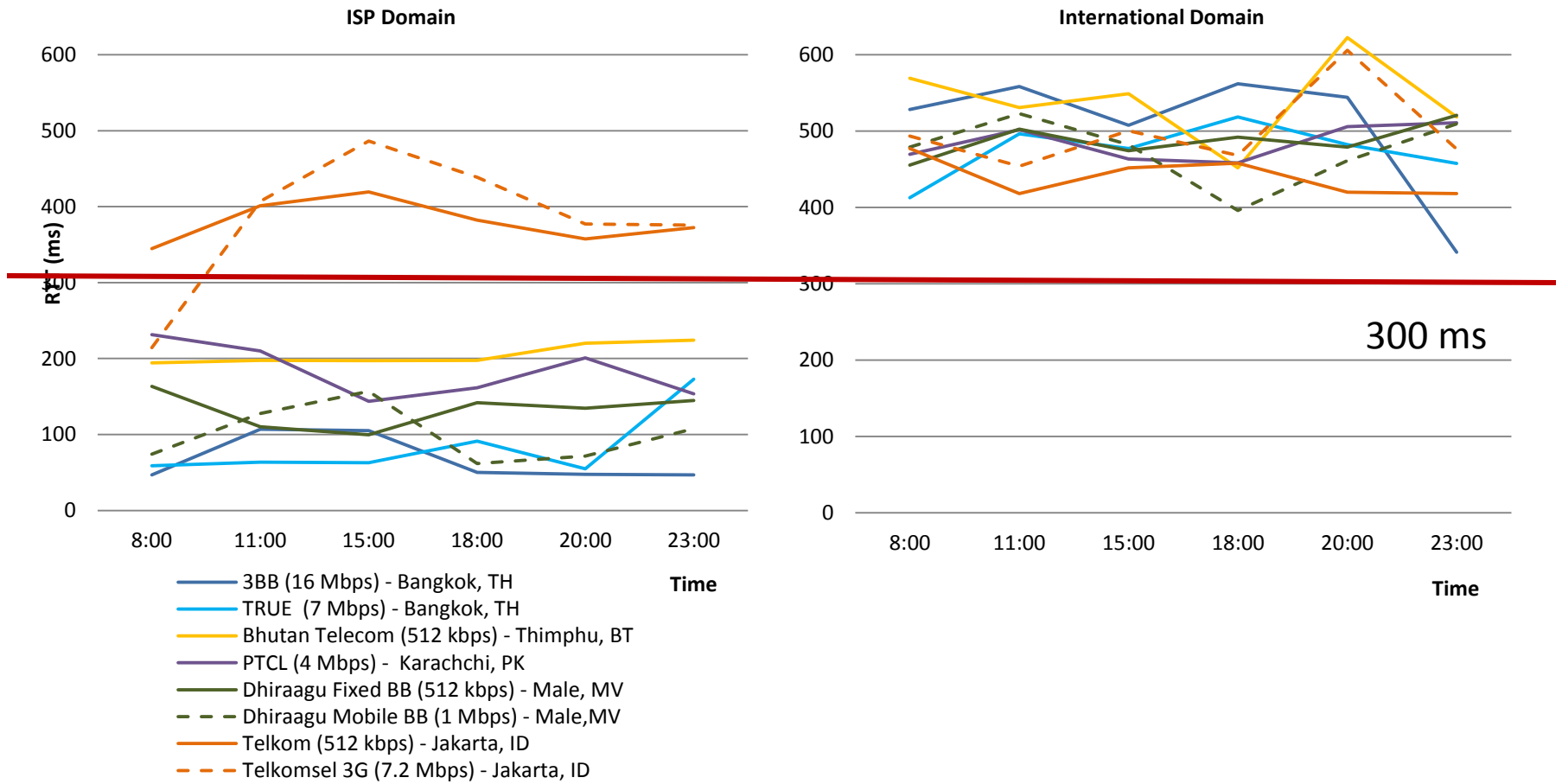


This work was carried out with the aid of a grant from the International Development Research Centre, Canada and the Department for International Development, UK

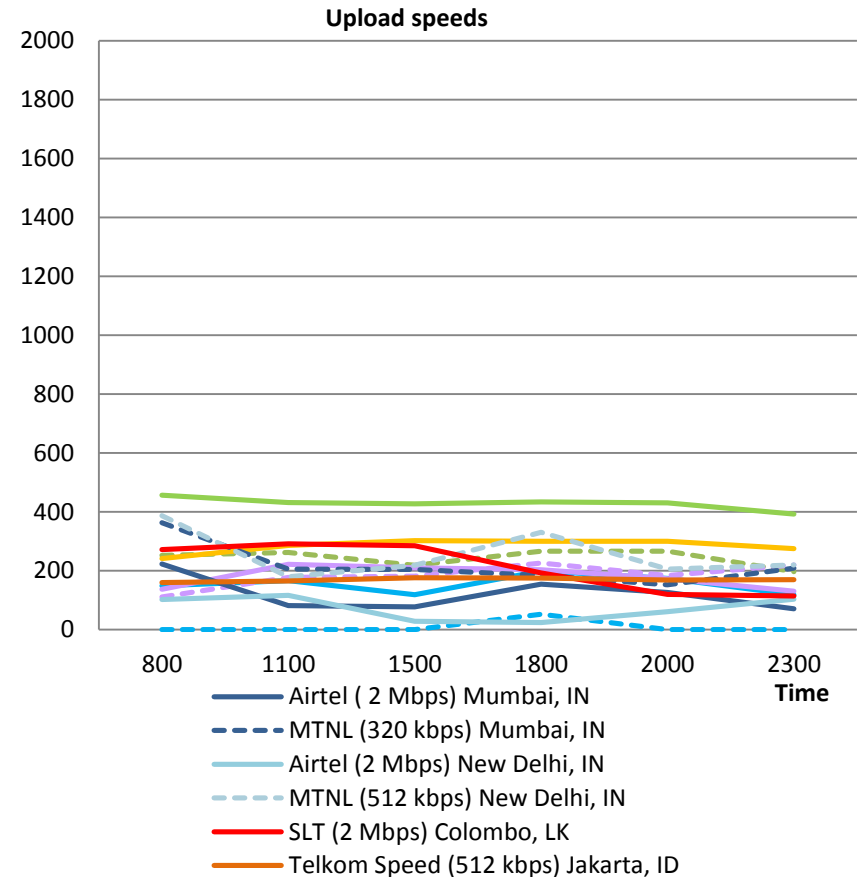
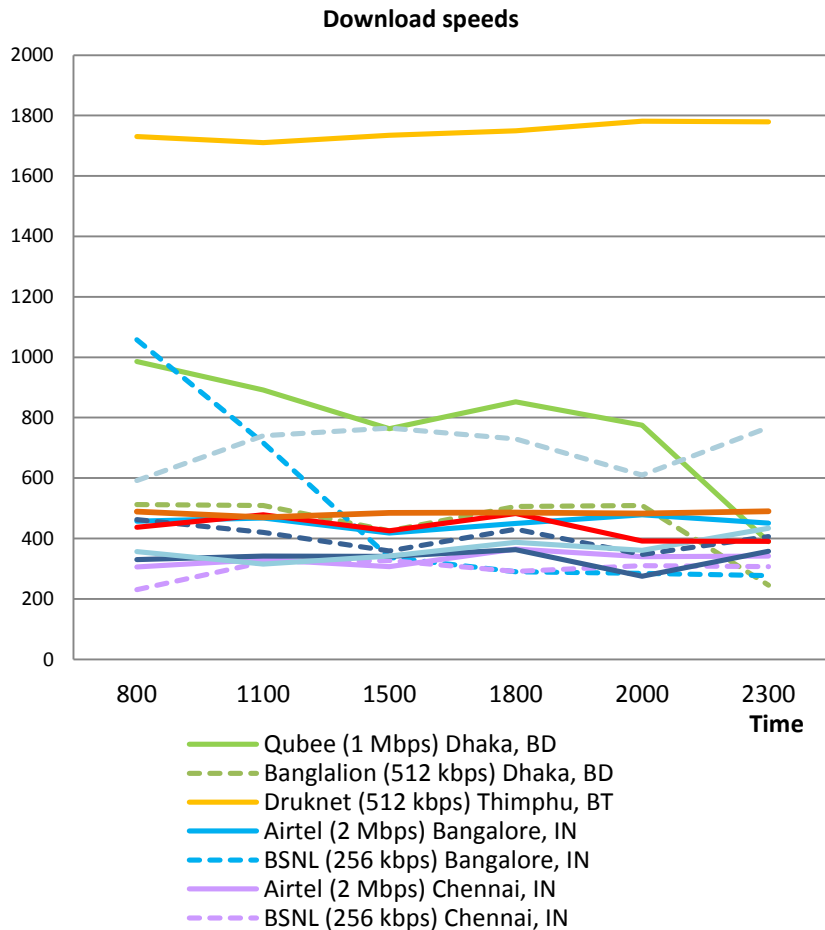


Service	Download (kbps)	Upload (kbps)	Latency (ms)	Jitter (ms)	Packet Loss (%)
Browsing (Text)	++	-	++	-	-
Browsing (Media)	+++	-	++	+	+
Downloading	+++	-	-	-	-
Transactions	-	-	++	+	-
Streaming media	+++	-	++	++	++
VOIP	+	+	+++	+++	+++
Games	+	+	+++	++	++
<i>Cloud Services</i>					
Data storage	-	+++	-	-	-
Web services	+	+	+++	++	+++
Management Information Systems	++	++	+++	+	++
Software development services	-	++	++	-	+++

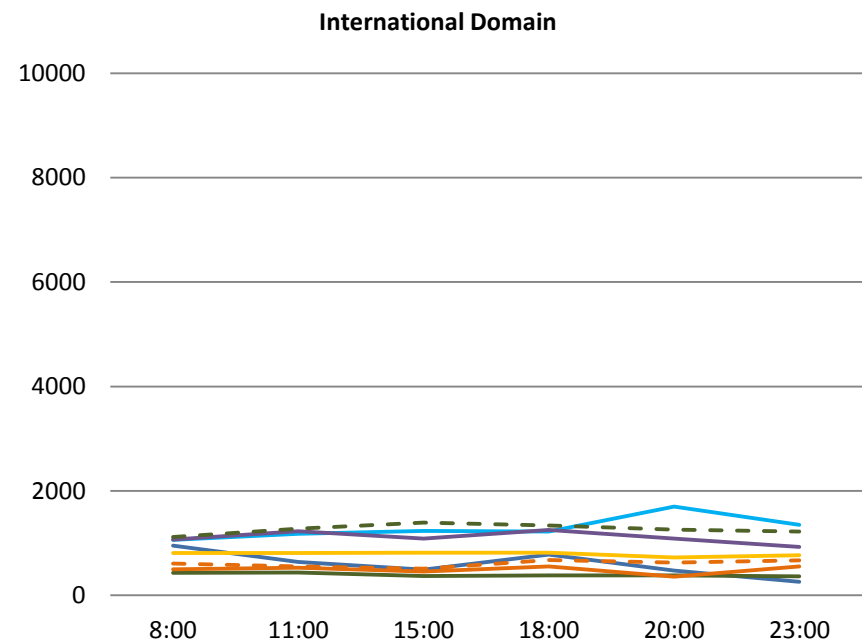
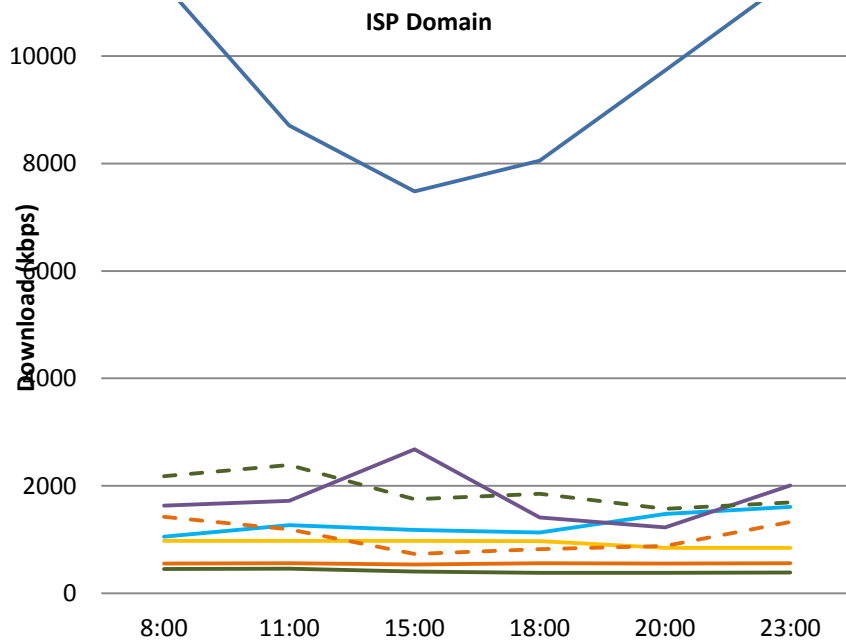
Latency, within ISP in country v international, illustrative Asian cities



Download & upload speeds, international, illustrative Asian cities



Download performance (kbps), within ISP in country v international, illustrative Asian cities



- 3BB (16 Mbps) - Bangkok, TH
- TRUE (7 Mbps) - Bangkok, TH
- Bhutan Telecom (512 kbps) - Thimphu, BT
- PTCL (4 Mbps) - Karachchi, PK
- Dhiraagu Fixed BB (512 kbps) - Male, MV
- - Dhiraagu Mobile BB (1 Mbps) - Male, MV
- Telkom (512 kbps) - Jakarta, ID
- - Telkomsel 3G (7.2 Mbps) - Jakarta, ID