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Content Sharing Dynamics in the Global File Hosting Landscape

By:

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We present a comprehensive longitudinal characterization study of the dynamics of content sharing in the global file hosting landscape. We leverage datasets collected from multiple vantage points that allow us to understand how usage of these services evolve over time and how traffic is directed into and out of these sites. We analyze the characteristics of hosted content in the public domain, and investigate the dissemination mechanisms of links. To the best of our knowledge, this is the largest detailed characterization study of the file hosting landscape from a global viewpoint.

Aniket Mahanti is an Assistant Professor in the Department of Computer Science at the University of Auckland, New Zealand. He received his B.Sc. in computer science from University of New Brunswick, Canada in 2004, and his M.Sc. in computer science from University of Calgary in 2006. After working for about 2 years as a research associate in the Department of Computer Science at University of Calgary, he joined the Ph.D. program at the university. He completed his Ph.D. in computer science from University of Calgary in June 2012. His doctoral dissertation was on measurement, modeling, and analysis of the file hosting ecosystem. His research interests are in the general area of networking with an emphasis on Internet traffic measurements and performance evaluation. To have a look at his publications, please visit <http://www.cs.auckland.ac.nz/~amahanti/>

Wednesday, January 16 @ 1:30pm
Gillin Hall (540 Windsor St.) GD110