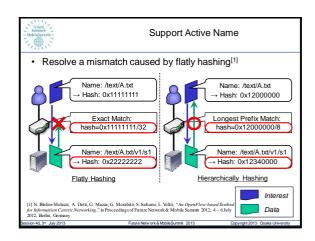
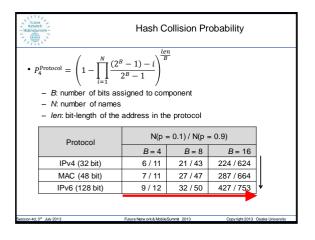
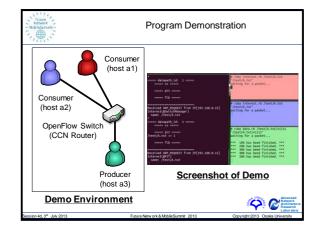


- MubileSe	Hierarchically Hashed Name							
•	Assign 4 bits to each component							
	– Ex. /text/A.txt/v1/s1							
"text" = 2, "A.txt" = 1, "v1" = 4, "s1" = 2								
	IP address: 33.66.0.0/16 (= 0x21420000)							
Trade-off between <i>B</i> and <i>C</i> - <i>B</i> : number of bits assigned to component - <i>C</i> : number of components that can be hashed								
	Protocol C = number of components							
	11010001	<i>B</i> = 4	<i>B</i> = 8	<i>B</i> = 16	B = 32			
	IPv4 (32 bit)	$\langle 8 \rangle$	4	2	1			
	MAC (48 bit)	12	6	3	2			
	IPv6 (128 bit)	32	16	8	4	Adcanced Network		
Session 4d,	8 2 3 Kehiteban Resarch Bession 44.3 July 2013 Future Network & Mobie Summit 2013 Copyright 2013 Osaida University							







Prog	Program Demonstration			
<pre>attapath_id: 1 ===== ==== cs ==== ==== fib ==== tecetved ARP_REQUEST from IP[192.168.0.22] name: /text/A.txt ==== datapath_id: 1 ==== ==== cs ====</pre>	<pre># ruby interest.rb /text/A.txt '/text/A.txt' uaiting for a packet # ruby interest.rb /text/A.txt '/text/A.txt' waiting for a packet</pre>			
===== pit ===== text/A.txt ⇒ 1 ===== fib ===== teceived APP_REQUEST from IP[192.168.0.11] Interest(@PIT) name: (text/A.txt	<pre># ruby data.rb /text/A.txt/v1/s1 '/text/A.txt/v1/s1 waiting for a packet *** 10% has beed finished. *** *** 20% has beed finished. *** *** 30% has beed finished. *** *** 40% has beed finished. *** *** 50% has beed finished. *** ***</pre>			

