































COMPUTER & COMPUTATIONAL SCIENCES	10GbE The Futur Research	e-
- Future research includes:		
 Path-oriented profiling of the TCP stack:* 		
 Quantifying which packets traverse which control path through the TCP stack, 		
 Identifying what determines which control path a packet will take, 		
- Pr	ofiling how long each step of each path t	akes.
• тср ь	ehaviour in large MSS/small window	networks
 For WAN performance to scale, the MSS needs to grow. 		
 This conflicts with the needs of LANs and SANs. 		
- A rift in TCP?		
 Not if the MSS can dynamically scale to fit the network. 		
	g done with MAGNET, a publicly	
available tool develope	ed by our team at LANL.	6
Justin (Gus) Hurwitz ghurwitz@lanl.gov	www.lanl.gov/radiant	17 Los Alamos

















