

Mestrado em Engenharia Informática: Redes e Multimédia

6938 – Sistemas Distribuídos e Tolerância a Falhas (1º ano / 2º semestre)

2009/2010

- Trabalho teórico em grupo (2 alunos). Preparar uma aula (de uma hora), baseada num artigo.

Apresentações nas aulas de 13/4 a 1/6. - 5 valores

Artigos para trabalho teórico:

13/4 Grupo: Marco Ferreira e Rui Cunha

T1 - Using Web Security Scanners to Detect Vulnerabilities in Web Services

Marco Vieira, Nuno Antunes, and Henrique Madeira, DSN 2009.

27/4 Grupo: João Isento e João Dias

T2 - Analyzing the Effects of Disk-Pointer Corruption

Lakshmi N. Bairavasundaram, Meenali Rungta, Nitin Agrawal, Andrea C. Arpaci-Dusseau, Remzi H. Arpaci-dusseau, Michael M. Swift, DSN 2008.

27/4 Grupo: Fernando Geraldês e Pedro Rato

T3 - Dynamic Content Web Applications: Crash, Failover, and Recovery Analysis

- Luiz E. Buzato, Gustavo M. D. Vieira, Willy Zwaenepoel, DSN 2009.

4/5 Grupo: Flávio Amorin e Fábio Campos

T4 - Automatic detection of firewall misconfigurations using firewall and network routing policies.

Ricardo M. Oliveira, Sihyung Lee and Hyong S. Kim, DSN2009.

11/5 Grupo: Pedro Pinho e Ivo Lopes

T5 - Evaluating the Impact of Undetected Disk Errors in RAID Systems

Eric W. D. Rozier, Wendy Belluomini, Veera Deenadhayalan, Jim Hafner, KK Rao and Pin Zhou. DSN2009.

18/5 Grupo: Mauro Ferrão e André Barbosa

T6 - ConfErr: A Tool for Assessing Resilience to Human Configuration Errors

Lorenzo Keller, Prasang Upadhyaya, George Candea, DSN 2008.

25/5 Grupo: André Esteves e David Monteiro

T7 - Enhanced Server Fault-Tolerance for Improved User Experience

Manish Marwah, Shivakant Mishra and Christof Fetzer, DSN 2008.

1/6 Grupo ???

T8 - Fault-Aware Runtime Strategies for High-Performance Computing

Yawei Li, Zhiling Lan, Prashasta Gujrati and Xian-He Sun.

IEEE Transactions on Parallel and Distributed Systems, Volume 20, Issue 4, pp. 460-473, April 2009.

7/6 ??? David Bernardo

T 9 - A few Billion Lines of code Later using static Analysis to find Bugs in the Real

World, AL Bessey, Ken BLock, Ben Chelf, Andy Chou, Brynn Fulton, Seth Hallem, Charles Henri-Gros, Asya Kamsky, Scott Mcpeak, and Dawson Engler

Communications of the Acm, February 2010, Vol. 53, n° 2, pp. 66-75

7/6 ??? Ricardo Adónis

T10 – Software Model Checking Takes Off

Steven P. Miller, Michael W. Whalen, and Daren D. Cofer

Communications of the Acm, February 2010, Vol. 53, n° 2, pp. 58-64.