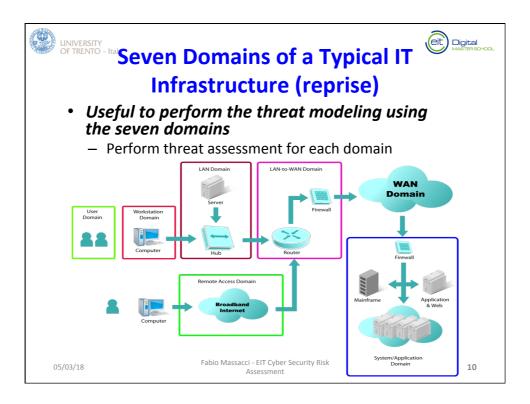
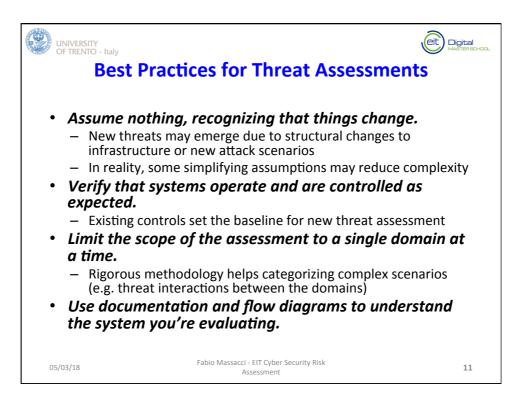
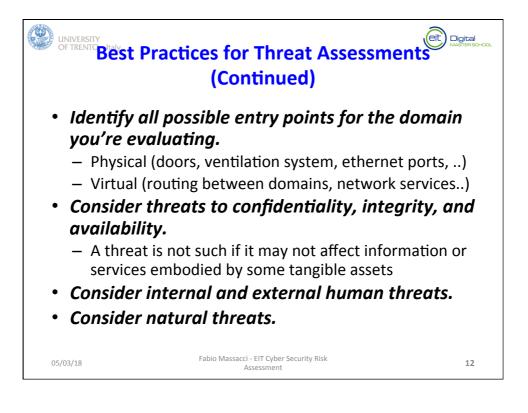
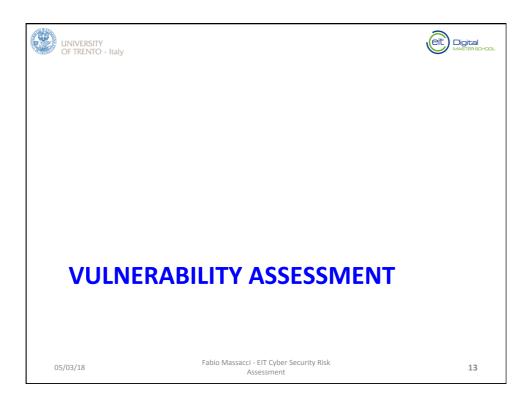


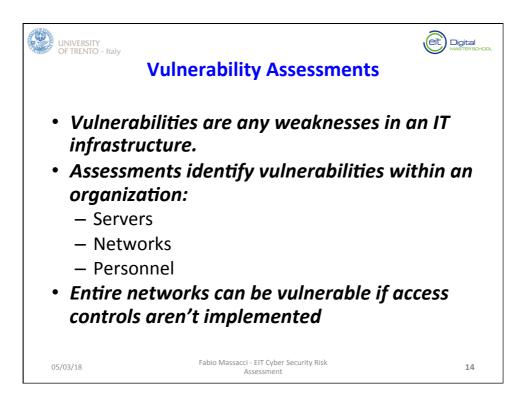
UNIVERSITY OF TRENTO - Italy		CHOOL				
Threat Modeling						
• Key idea: t – External – Internal non-mal	eful to protect against sentient or evolving attackers think as an adversary attacker → what could he do to penetrate the infrastructure? attacker → what could a malicious user do? What could a licious user do? Ints to address:					
<ul> <li>Assets:</li> <li>1. Wh</li> <li>2. Is t</li> <li>3. Is t</li> <li>Attacker</li> <li>1. Wh</li> <li>2. Ho</li> <li>3. Wh</li> </ul>	nat system are you trying to protect? he system susceptible to attacks? he system susceptible to hardware or software failure?					
05/03/18	Fabio Massacci - EIT Cyber Security Risk 9 Assessment 9					

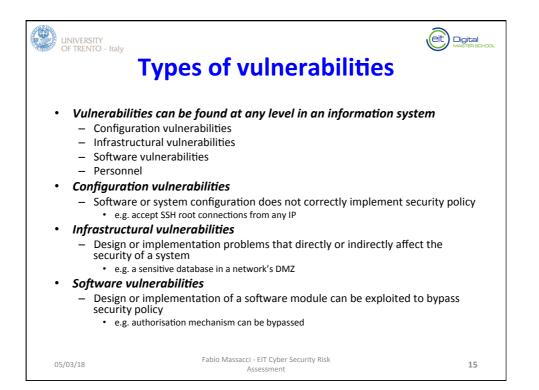


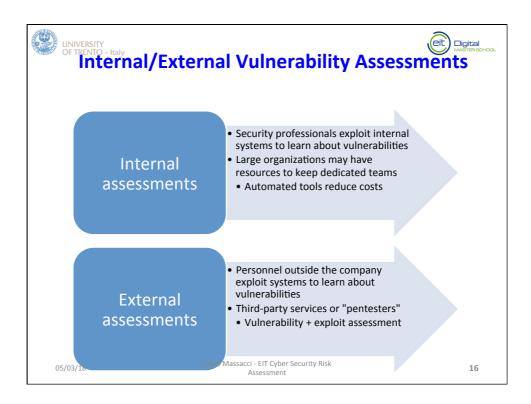


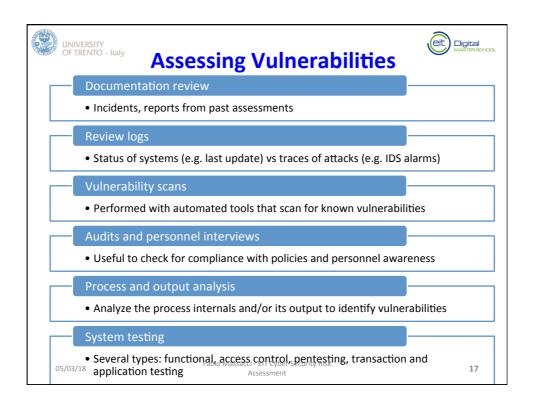


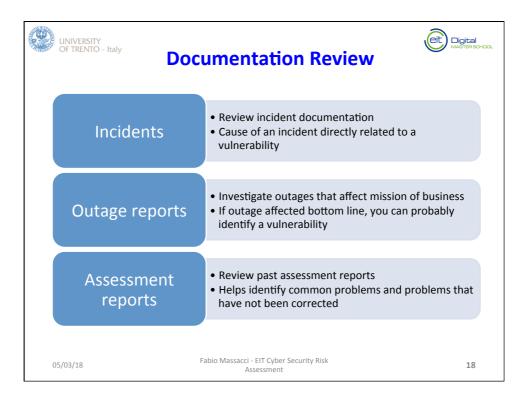


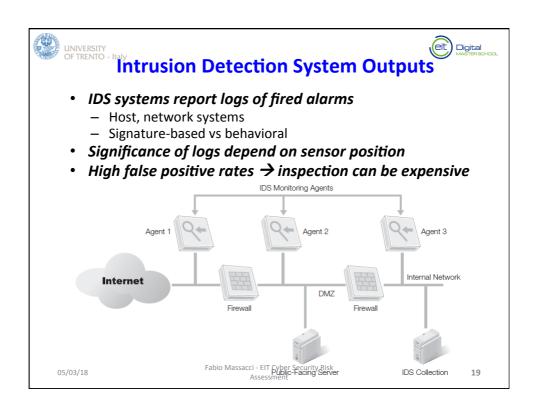


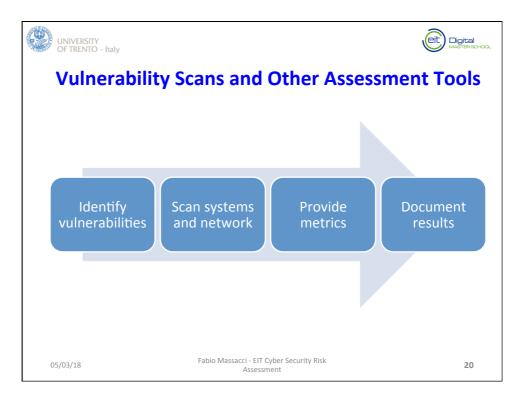












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	ample of VA tool outpu	ut (Nessu
25	Number of IP's Scanned	2117
26	Number of Discovered Systems	1451
27	Number of Discovered Systems	1431
28	Total Unique Critical Severity Vulnerability	94
29	Total Unique High Severity Vulnerability	893
30	Total Unique Medium Severity Vulnerability	255
31	Total Unique Low Severity Vulnerability	25
32	Total Unique Informational Severity Vulnerability	350
33		
34	Total Count of Critical Severity Vulnerability	6258
35	Total Count of High Severity Vulnerability	23560
36	Total Count of Medium Severity Vulnerability	6611
37	Total Count of Low Severity Vulnerability	1949
38		
39	The most common Critical Severity vulnerability	Oracle Java SE Multiple Vulnerabilities (June 2013 CPU)
40	The most common high Severity vulnerability	MS KB2269637: Insecure Library Loading Could Allow Remote Code Execution
41	Number of System with a critical(4) Severity Vulnerability	405
42	Number of System with a High(3) Severity Vulnerability	629
43	Number of System with a Medium(2) Severity Vulnerability	686
44	Number of System with a Low(1) Severity Vulnerability	727
45	Number of System with a Informational(NONE-0) Severity Vulnerability Fabio Massacci - EIT Cyber Security Risk	1451

