

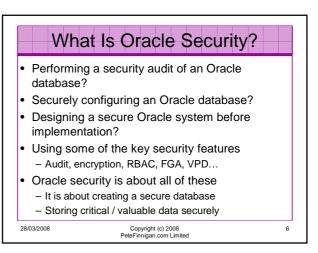
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## The Issues

- Access is available to the database
- Credentials are guessable
- Default accounts have access to critical data
- Critical data is easy to find
- Poor, weak encryption and protection used
- This is reality, this is what Oracle database security REALLY looks like!!

28/03/2008

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## The Basic Tenets Of Oracle Security

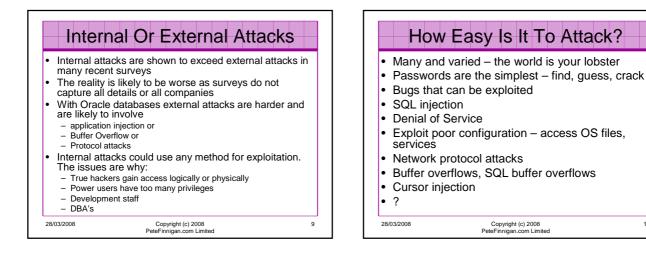
- Reduce the version / installed product to that necessary
- · Reduce the users / schemas
- Reduce and design privileges to least privilege principal
- Lock down direct access
- · Lock down basic configurations
- Audit

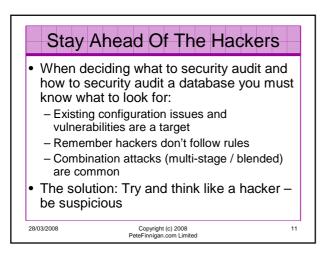
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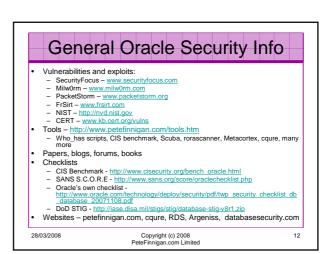
Clean up

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## Why Do Hackers Steal Data? • Data is often the target now not system access; this can be for Identity theft to clone identities . Theft of data to access money / banks http://www.petefinnigan.com/weblog/archives/00 001129.htm - 25 million child benefit identities lost on two discs (not stolen but lost) Scarborough & Tweed SQL Injection http://doj.nh.gov/consumer/pdf/ScarboroughTwe ed.pdf Insider threat is now greater than external threats 28/03/2008 Copyright (c) 2008 PeteFinnigan.com Limited 8







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