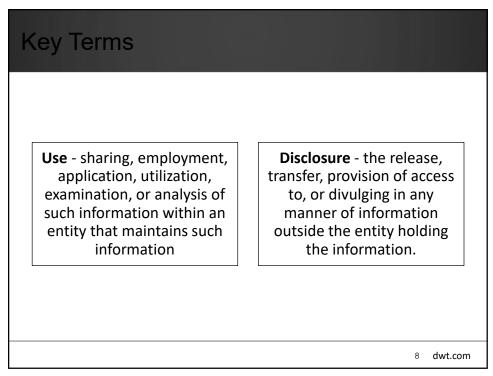


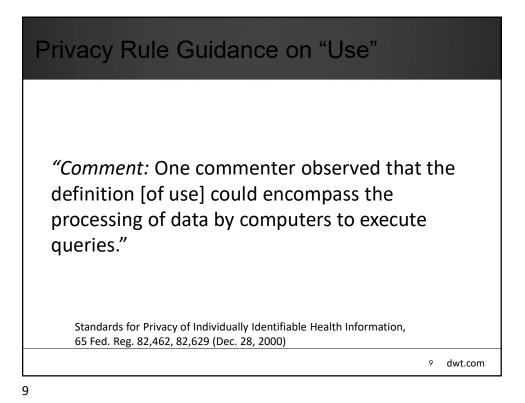
Recipe for a HIPAA Breach

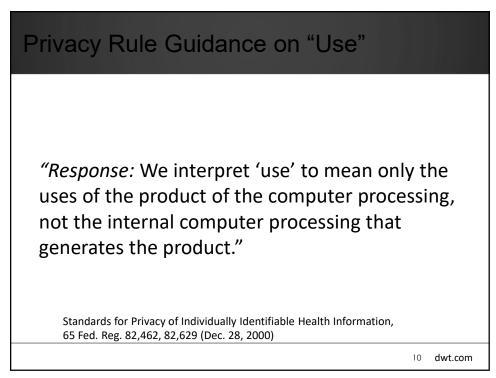
- Protected Health Information (PHI)
- Unsecured PHI (e.g., not encrypted)
- A use or disclosure of PHI in violation of the Privacy Rule that compromises security or privacy
- None of the three statutory exceptions
- Cannot demonstrate low probability of compromise through a breach risk assessment



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Ransomware Guidance

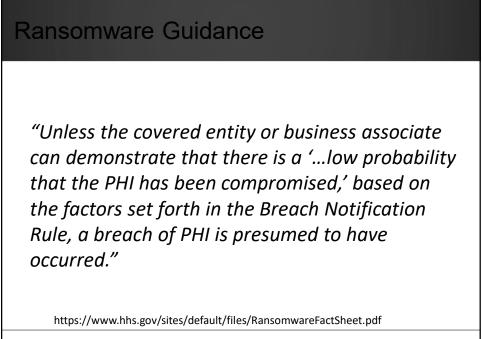
"When [ePHI] is encrypted as the result of a ransomware attack, a breach has occurred because the ePHI encrypted by the ransomware was acquired (i.e., unauthorized individuals have taken possession or control of the information), and thus is a 'disclosure' not permitted under the HIPAA Privacy Rule."

Disclosure - the release, transfer, provision of access to, or divulging in any manner of information outside the entity holding the information.

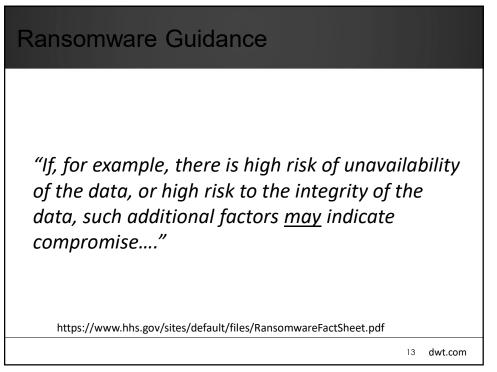
https://www.hhs.gov/sites/default/files/RansomwareFactSheet.pdf

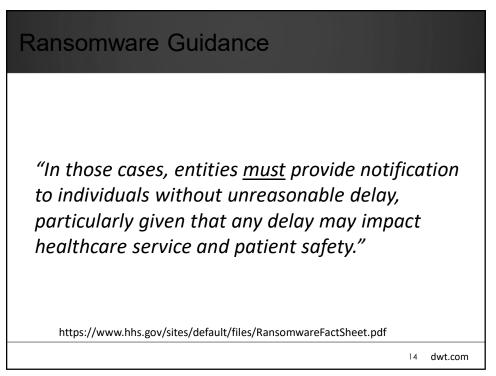
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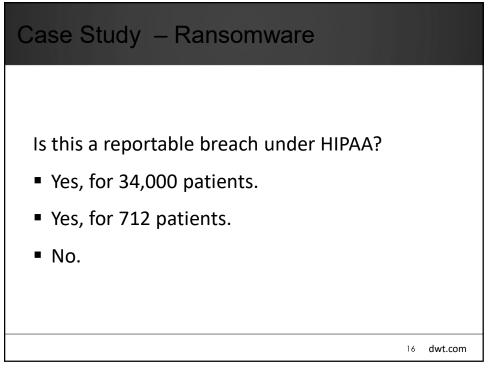
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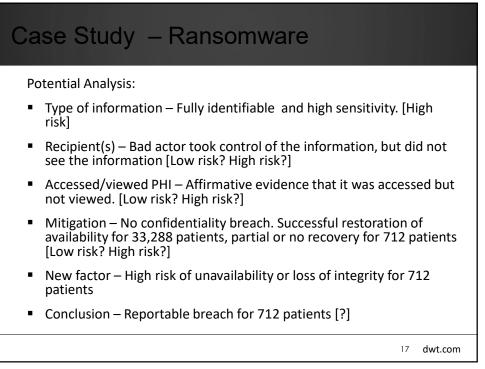


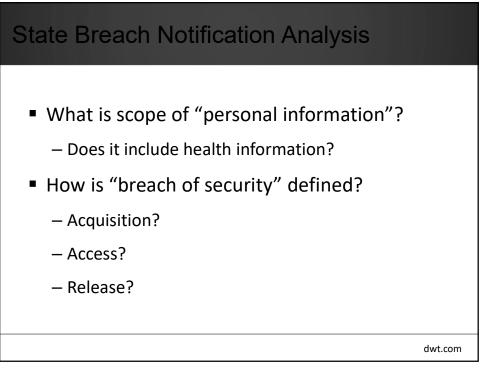


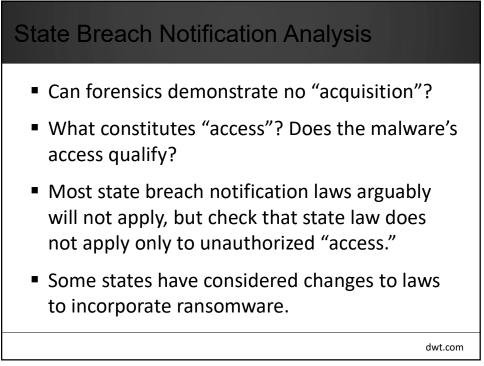


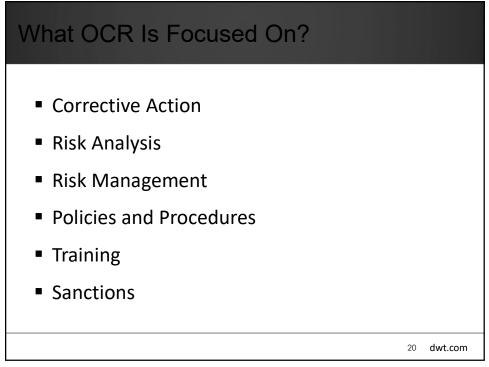
- A health care provider discovers ransomware on its network. It encrypts electronic systems containing protected health information of 34,000 patients.
- After 25 hours, the health care provider is able to restore its systems from a backup.
- The interim backups were corrupted by the ransomware. Backup was based on a preceding full backup, but three days of information was lost, affecting 712 patients.
- Forensic review of the ransomware indicates that there was no exfiltration of data with high degree of certainty.





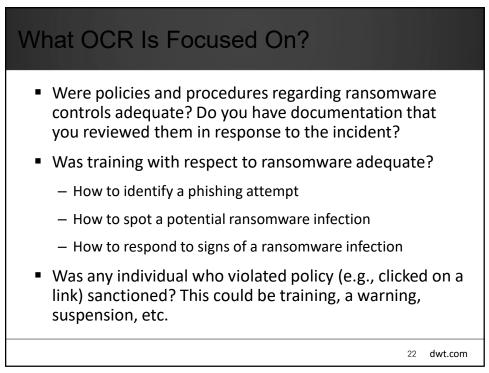


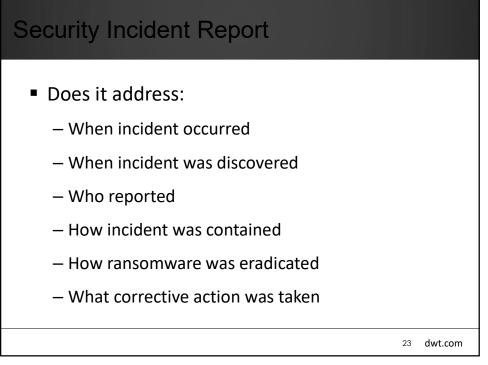


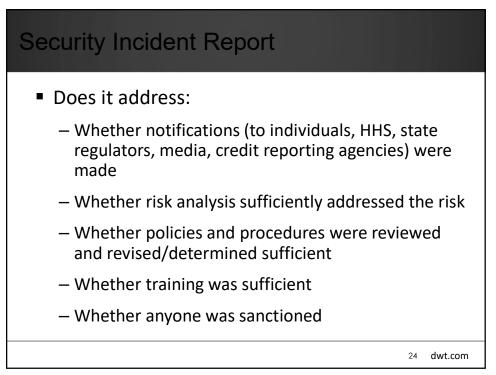


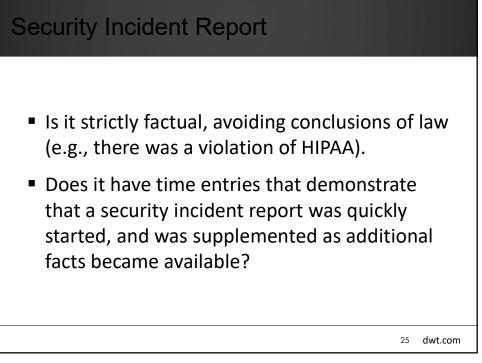


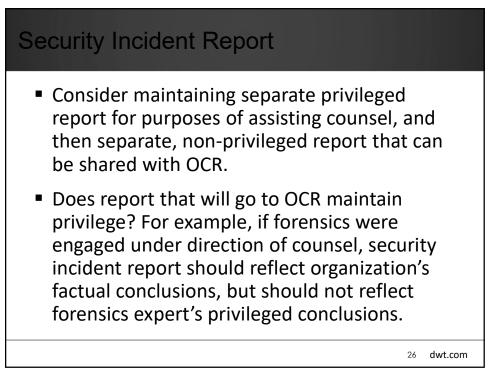
- What corrective action was taken to contain the ransomware and reduce risk of another infection?
- Did the risk analysis address the risk of ransomware? Was the risk level accurate? If not, was the risk analysis amended?
- To the extent that addressing ransomware was in a risk management plan, was it being followed? Is there evidence of implementation of corrective measures?

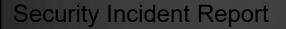




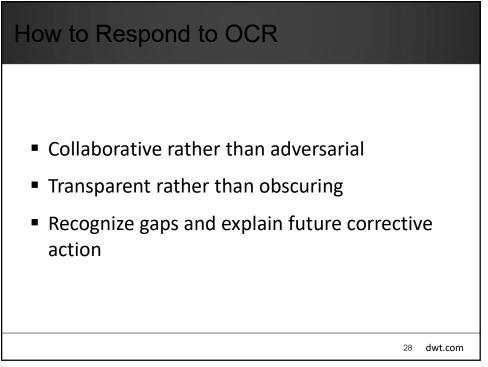


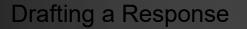






- Good: On 1/5/18, ABC Co. engaged XYZ forensics under direction of counsel. On 1/27/18, ABC Co. concluded that evidence did not indicate that the ransomware exfiltrated data.
- Bad: On 1/5/18, ABC Co. engaged XYZ forensics. On 1/26/18, XYZ forensics determined that it was more probable than not that the ransomware exfiltrated data, but XYZ forensics could not be certain due to limited audit logs.





- Don't merely respond to specific requests; provide a complete picture
- Highlight a culture of compliance
- Professional and gracious tone
- Include relevant supporting documentation as attachments

Consider Bates stamping attachments

