

To Filevault or not

-That is the question

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Background

- Why this topic ?

Because Tycho threatened me !

- And he can be VERY persuasive !

Background

- *Why this topic .. seriously !*

The background of the image is a dark blue and green tartan pattern, which is a traditional Scottish textile design. The pattern consists of a grid of squares in various shades of blue and green, with some squares being darker than others, creating a complex, woven appearance. The text "So whats with the kilt ?" is centered over this pattern in a white, sans-serif font.

So whats with the kilt ?



So whats with the kilt ?

- *The question thats on everybody minds !*

So what is FileVault ?

- very briefly !

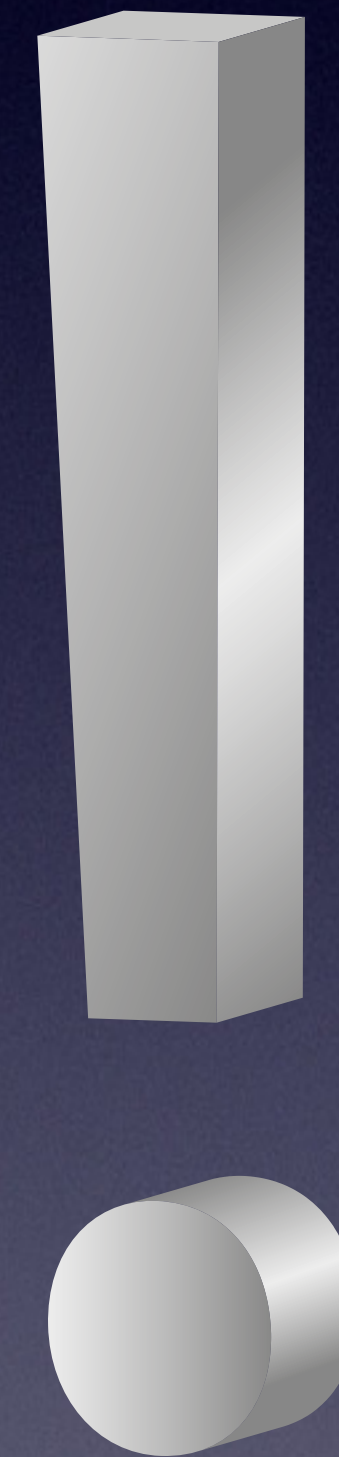
<https://derflounder.wordpress.com>

Case stories

- *misunderstandings and misconceptions !*

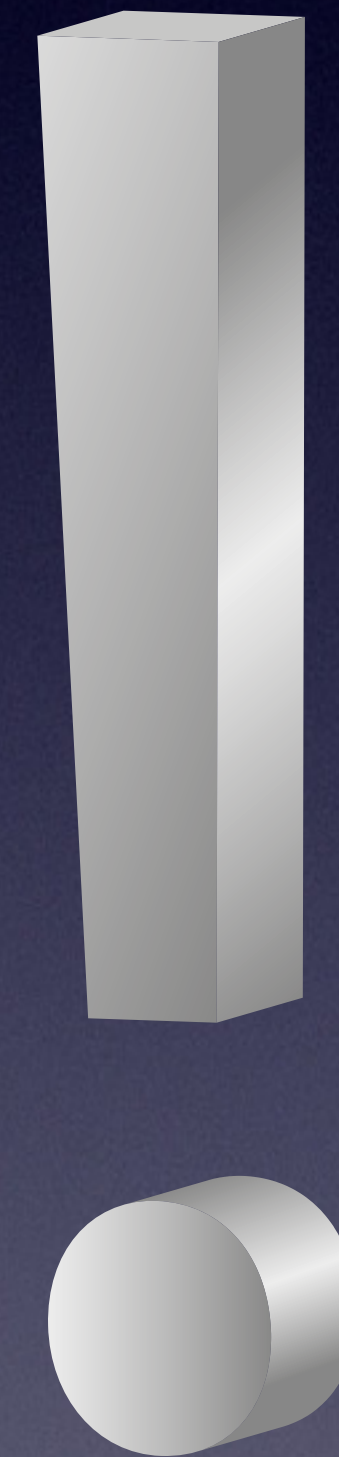
1st. storie

- Mid-sized industrial manufactor
- Expanding into Asia
- Mobile workforce
- Innovative new designs for ...



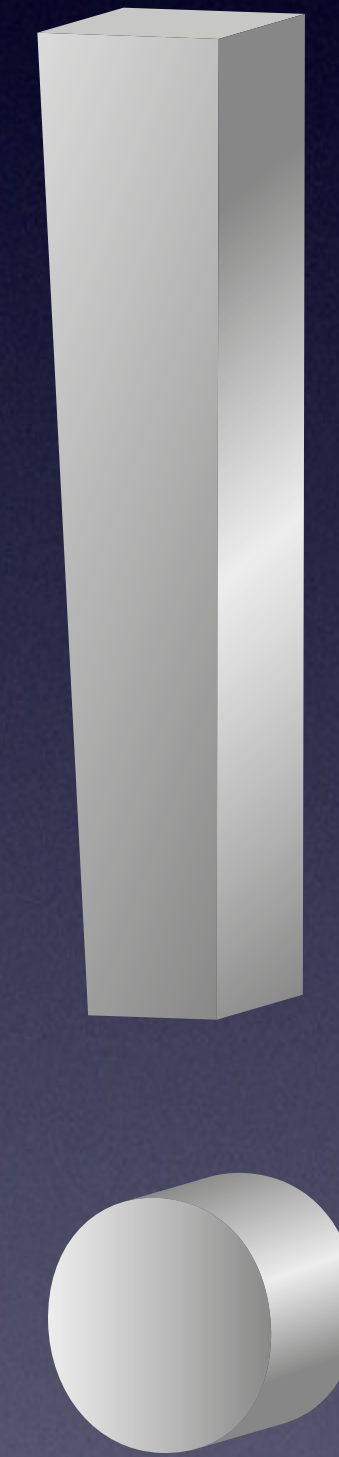
2nd. storie

- Large educational institution
- Wanted to collaborate on research data
- Mobile researchers and scientists
- sensitive data



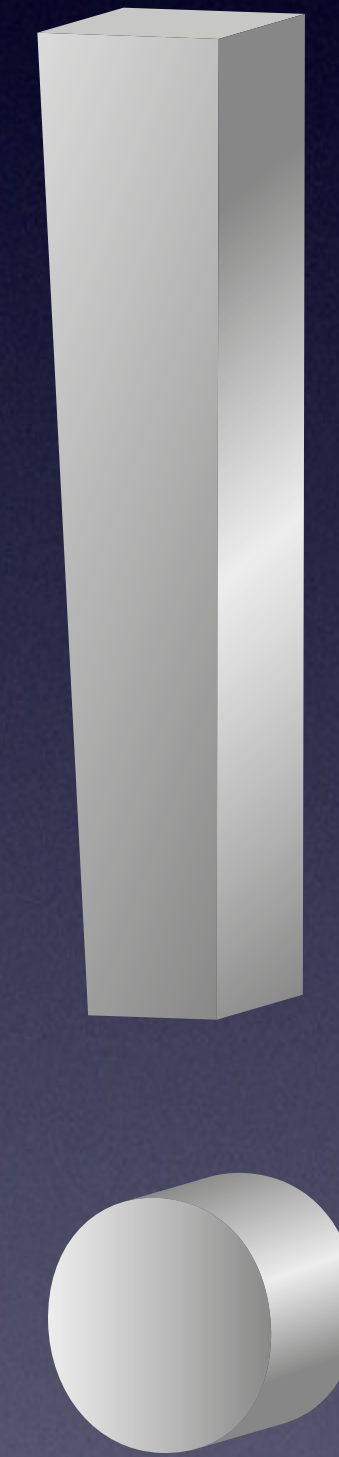
3rd. storie

- Financial advisory company
- Wanted secure data on machines
- Mobile analysts / advisors
- sensitive data



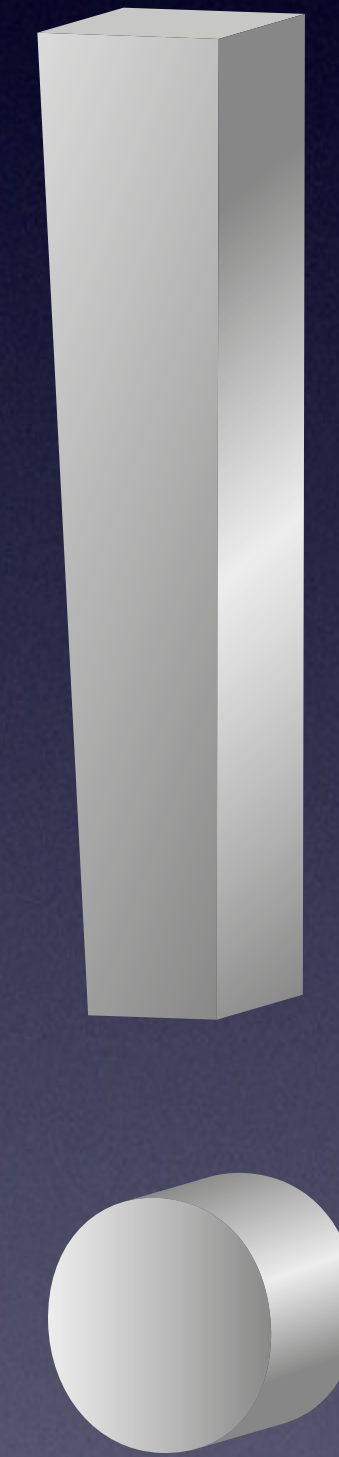
Whats the first lesson learned

- Threat assessment



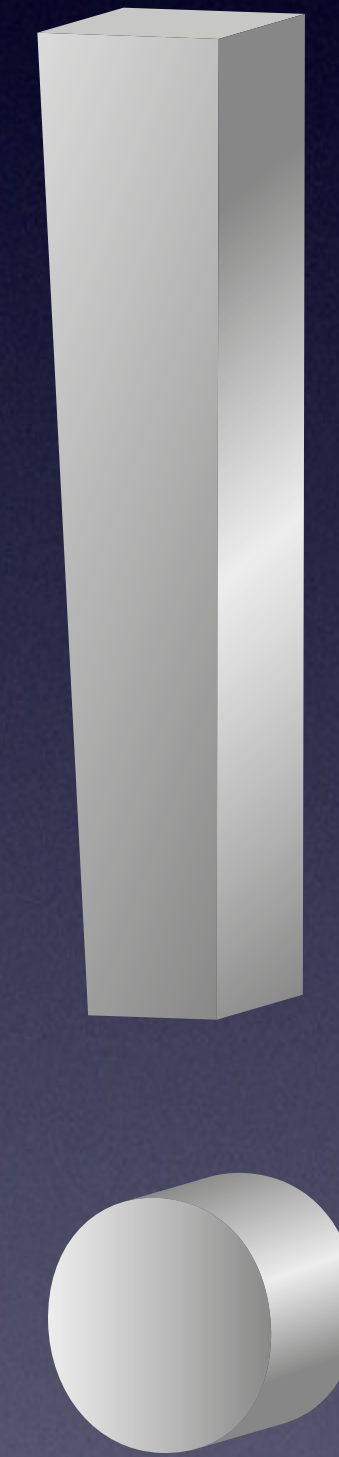
Whats the second lesson learned

- Threat assessment
- Educate the users



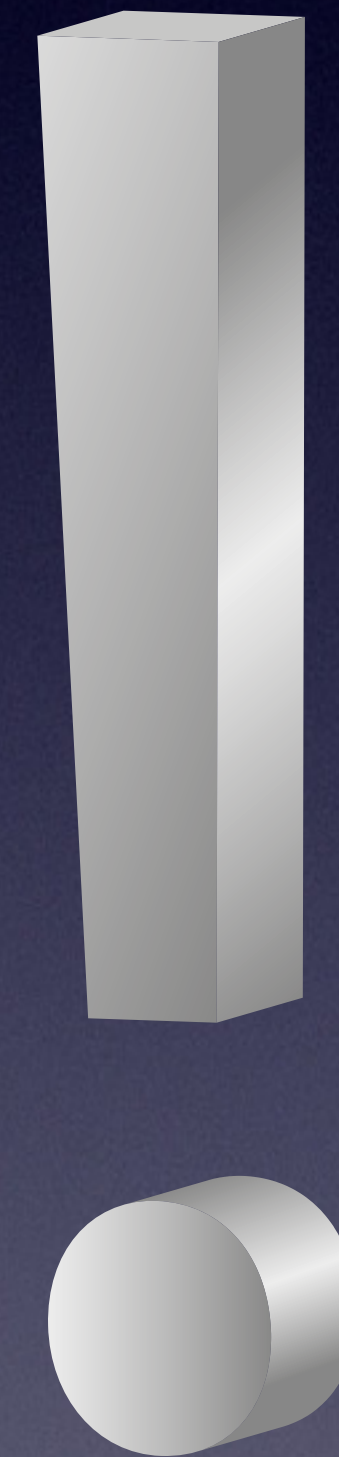
Whats the third lesson learned

- Threat assessment
- Educate the users
- IT policy

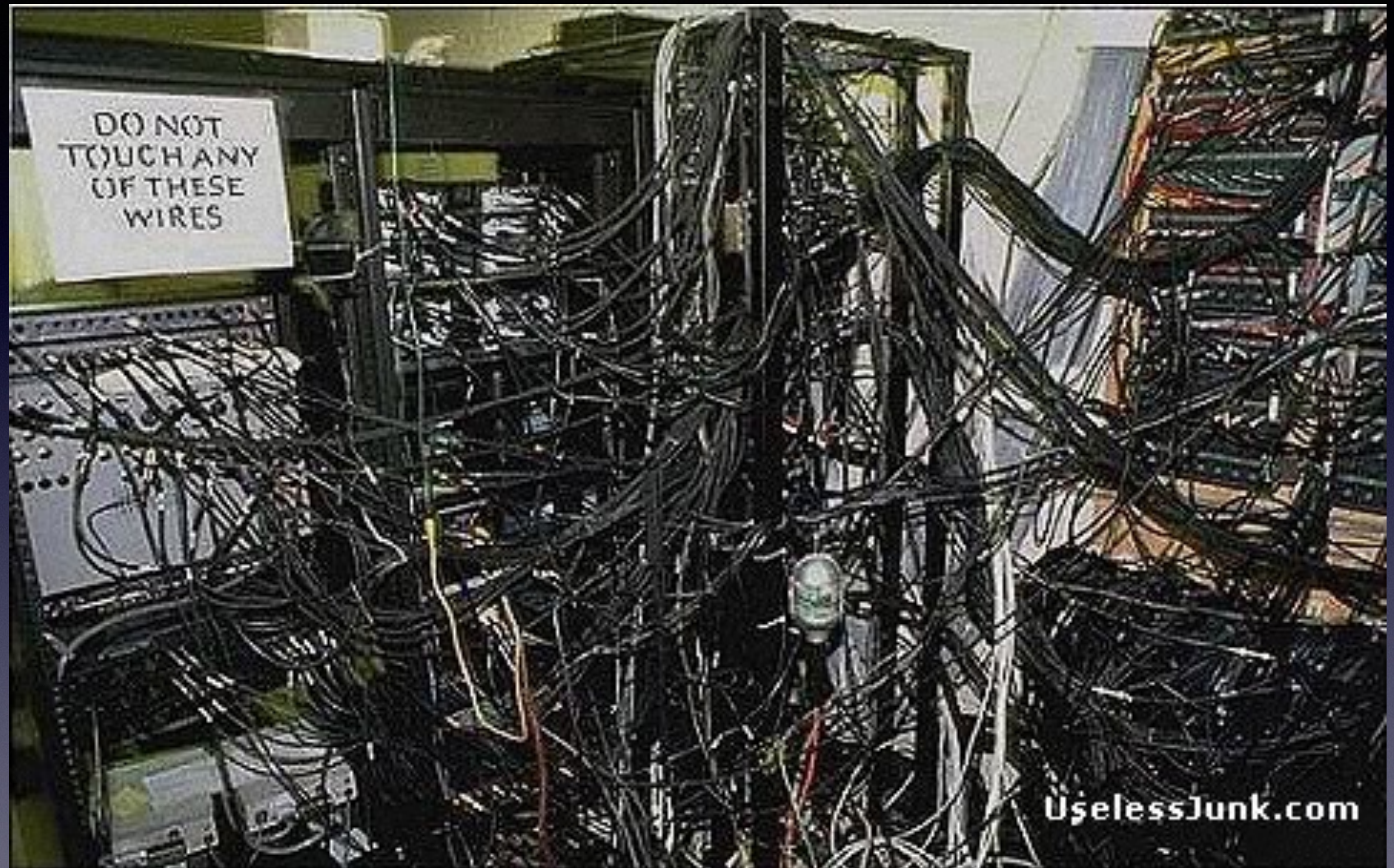


Whats the fourth lesson learned

- Threat assessment
- Educate the users
- IT policy
- Admins are well admins ;-)







UselessJunk.com

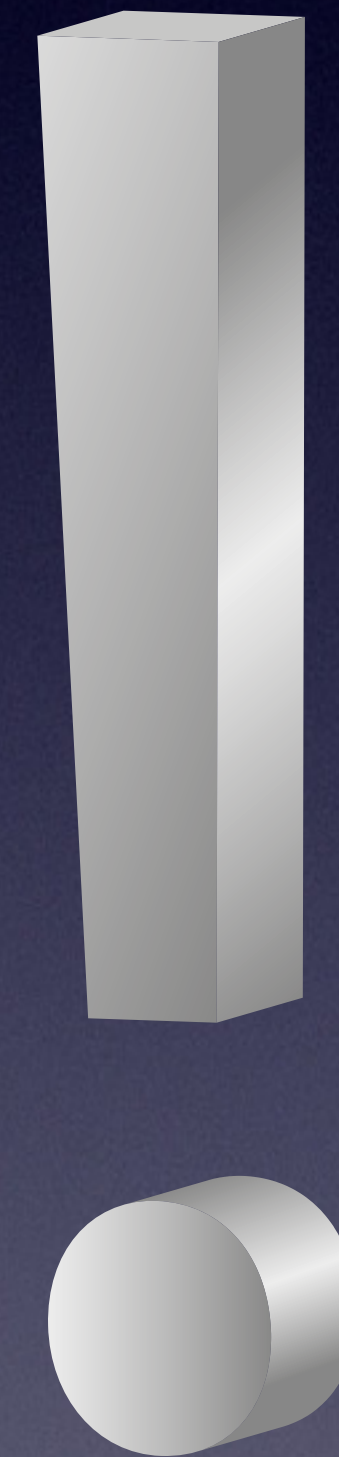
So whats needed

- An admin account
- A Recovery partition
- Optional FileVaultMaster.keychain
- A delivery method



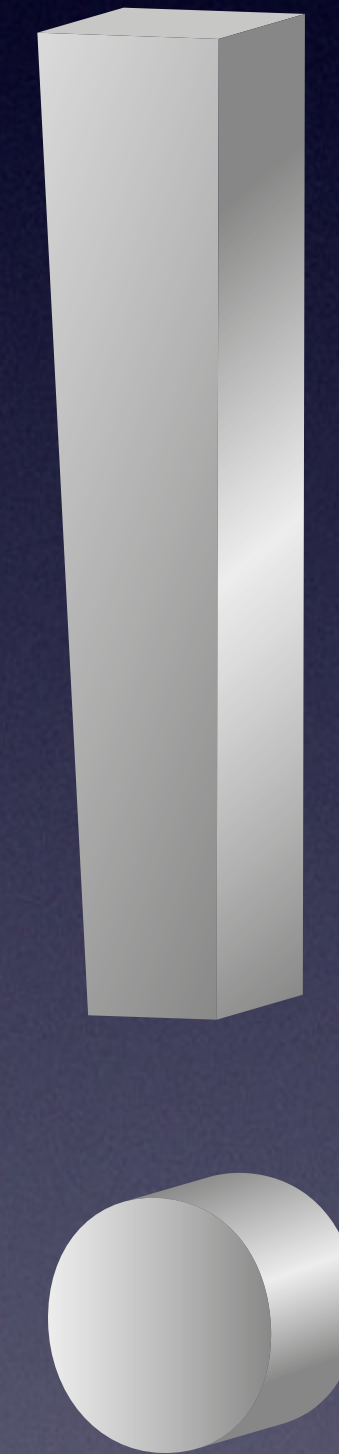
What to accomplish

- Enable FileVault automatically
- Add the user to FileVault
- Add the local admin to FileVault
- All in one go !



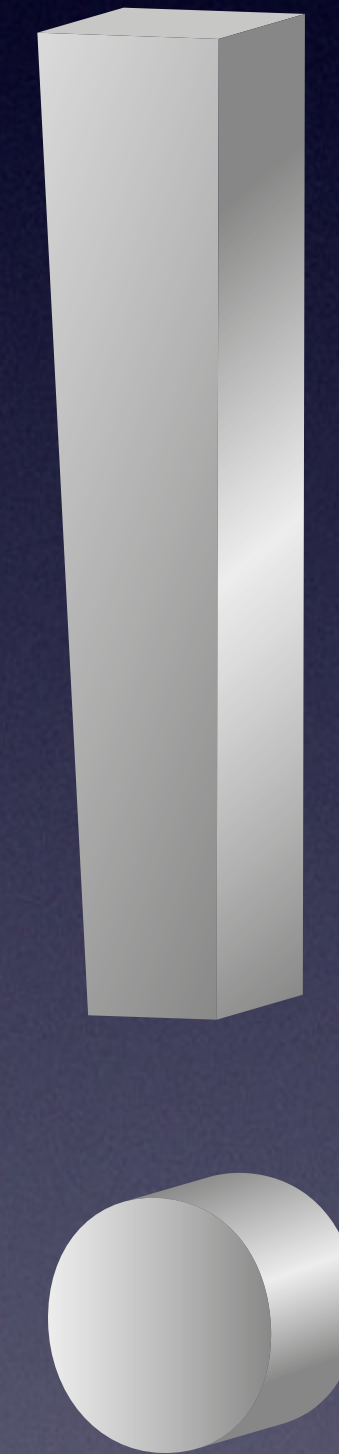
My solution

- A PKG that....
- Adds an LoginHook that ...
- Executes an scripts that ...
- Puts the machine into "kiosk" mode and ...
- Prompts the user to enter their password and ...
- Enables FileVault for the uses and ...
- Adds the local admin to FileVault and ...
- Reboots the machine ...



My solution

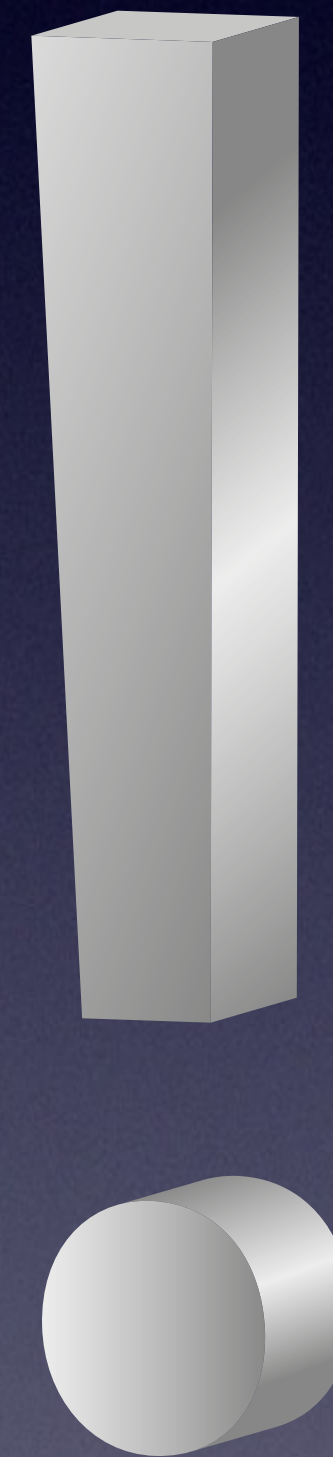
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Demo

Hints

- Admin uid needs to be 501 or above
- AdPassMon
- Do have client backup



Q & A

This session was based upon fact. Any similarity with fictitious events or characters was purely coincidental.

No animals were injured or harmed during this session.