THE SECURITY PLAN

SAFEGUARDING THE FILEMAKER CASTLE

vienna calling

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- Málaga, Cádiz, Madrid…
- Filemaker since… don’t remember
- Bitwok… a lot of years
- Dog & Cooking lover
- Speaker and Problem solver

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SAFEGUARDING THE FILEMAKER CASTLE

- Protecting your data, project and happiness

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WHY PROTECT THE CASTLE?

- Growing risks
- Legal rules
- Client trust
- Data safety
- Easy

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LOCKING THE CASTLE'S PHYSICAL GATES

- Server in a secure Data Center
- Closed rack
- Data in encrypted DB
- Limited access to the backups
- Everything is better in the cloud.

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CONTROLLING LOGICAL ACCESS TO THE CASTLE

- Public service: create DMZ
- Access restricted only by VPN
- Minimal privileges
- Control of access to the files

  authentication (always two-factor)
- SSL Certificate

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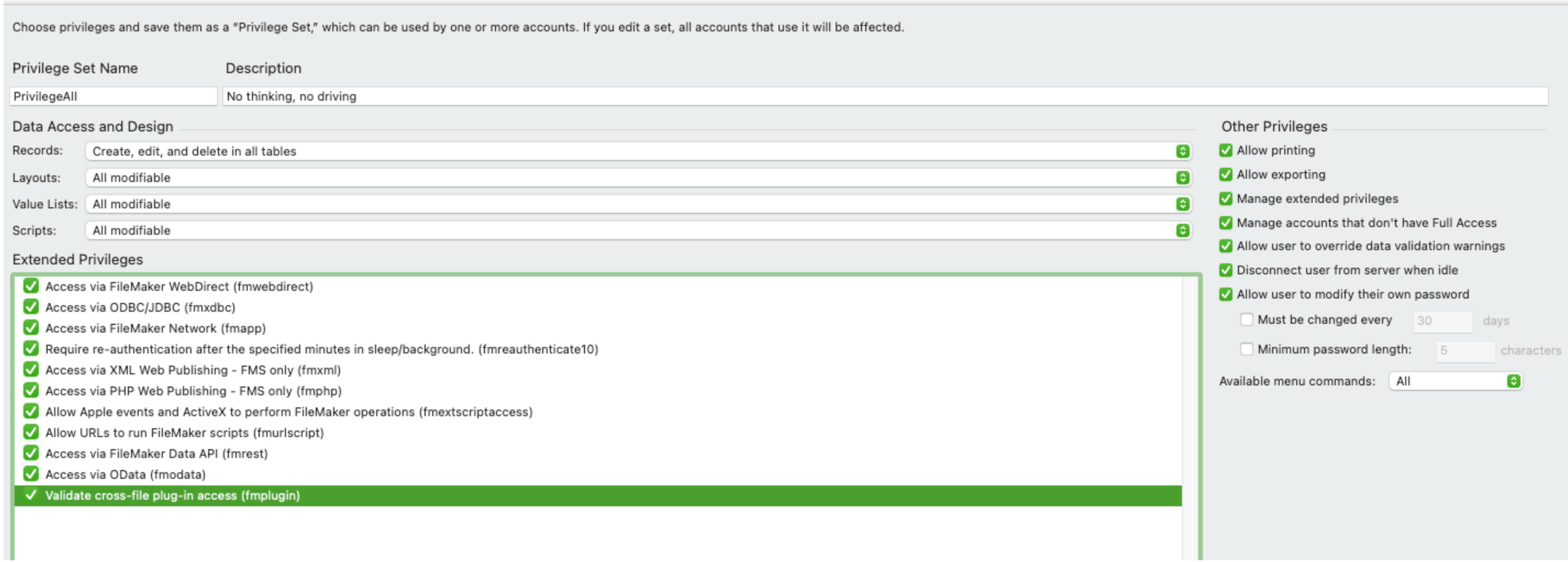
Principle of least privilege: give users only what they need to do their job



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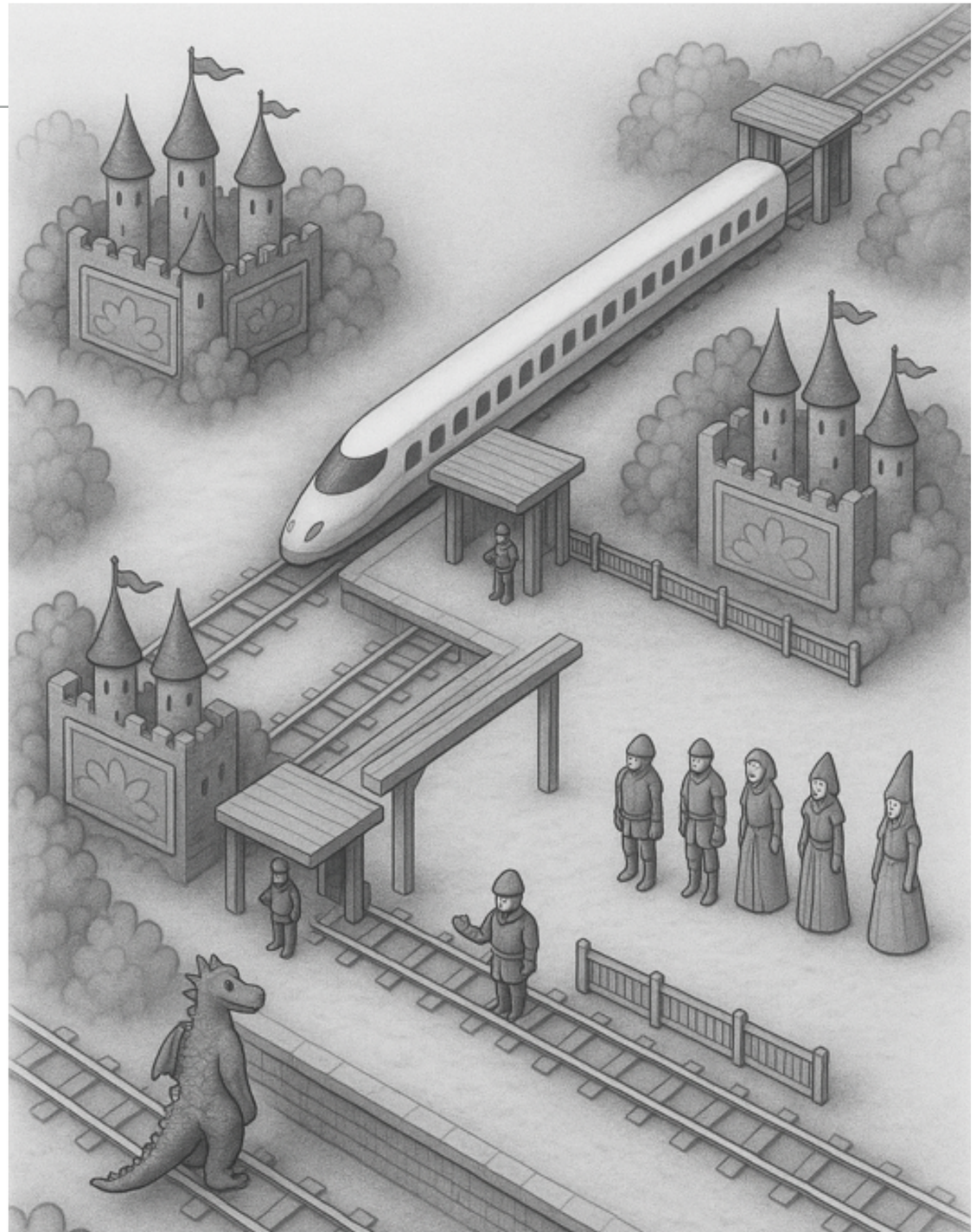
PREVENTING DIRECT ACCESS TO CASTLE FILES

- Hide all files
- Create an access control file
- Use Filemaker Server



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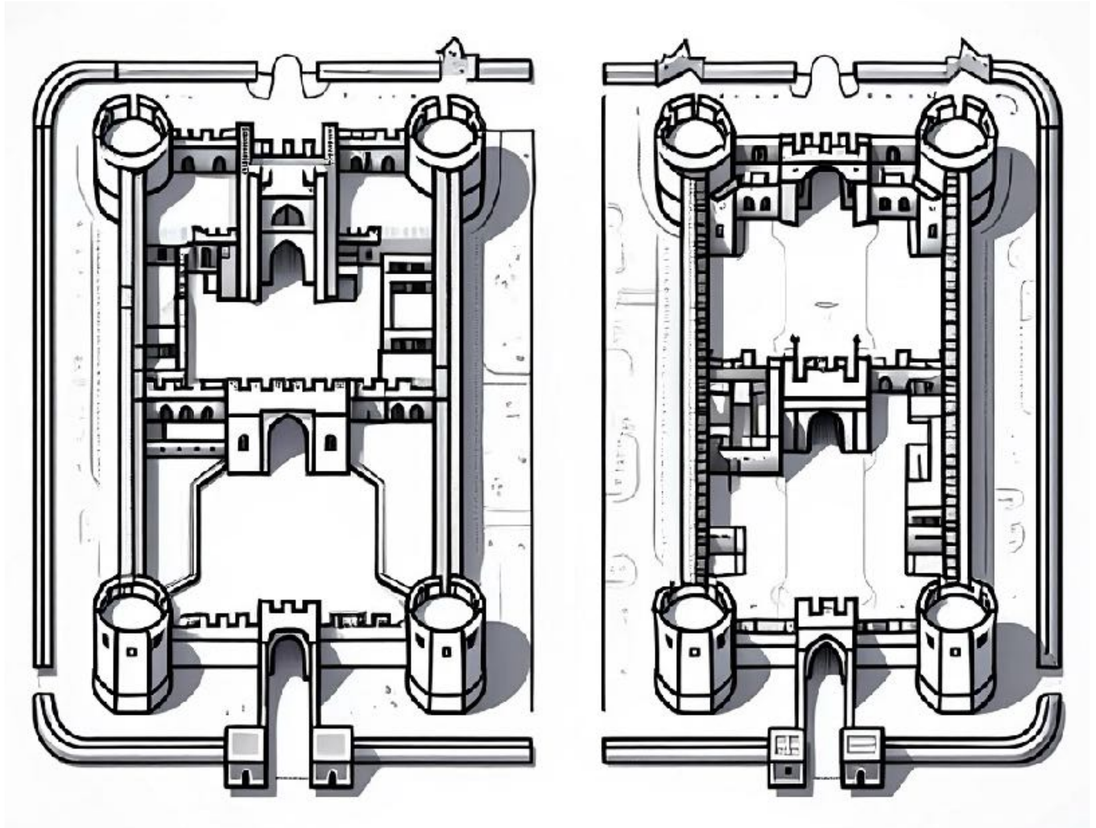
ACCESSING FILES BY CASTLE MODULES

- Create a security module files (front & back)
- Control access permissions
- Create file with access menu
- A data separation model is essential



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KEEPING THE CASTLE WELCOMING

- The security should not harm the user
- Should be implemented layer by layer (layer cake)
- Permissions should be organised in a separate environment

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CLASSIC LAYERS IN SECURITY

LAYER 01 – CRITICAL ASSETS	Highly sensitive data!!
LAYER 02 – DATA SECURITY	Module, separation, layers!
LAYER 03 – APPLICATION SECURITY	Limit access to file fmp.12 - Hide!
LAYER 04 – ENDPOINT SECURITY	Control FMS, updates, passwords, logout
LAYER 05 – NETWORK SECURITY	VPN, DMZ…
LAYER 06 – PERIMETER SECURITY	Limit physical access (racks, cloud…)
LAYER 07 – HUMAN LAYER	The weakest one!

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BUT THE BEST SECURITY IS BASED ON:

- Common sense
- Training to avoid social engineering
- Education
- Common sense again

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BUT THE BEST SECURITY IS BASED ON:

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"THERE IS NO PATCH FOR STUPIDITY."

Kevin Mitnick
Condor / Wire Ghost