

2016-10-20

Lukas Krismer & Bennett Piater  
October 20, 2016  
QE - Universität Innsbruck

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└ Outline

AUR

Our Project

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└─AUR

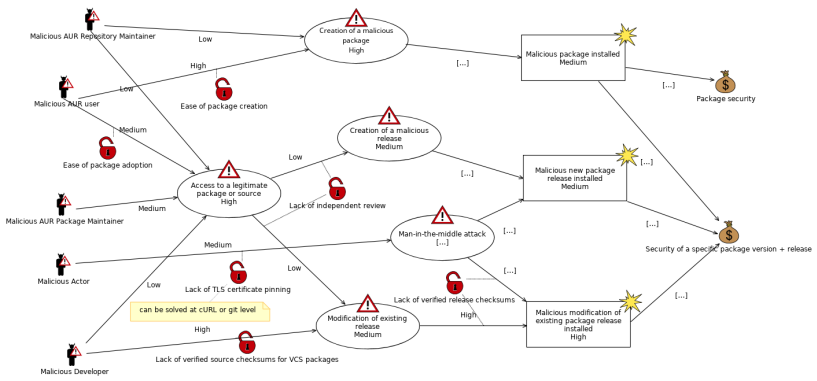
└─AUR

- AUR=Arch Linux Repository
- Contains package descriptions (PKGBUILDs)
- everybody can upload PKBUILDs
- 3 different Requests
- voting system

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Orphan,Deletion,Merge

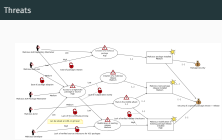
# Threats



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└ AUR

└ Threats



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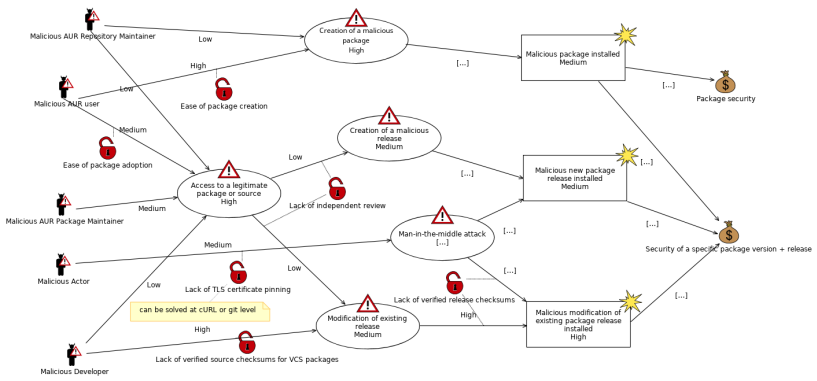
└ Our Project

Our Project

# Our Project

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# Covered Threats



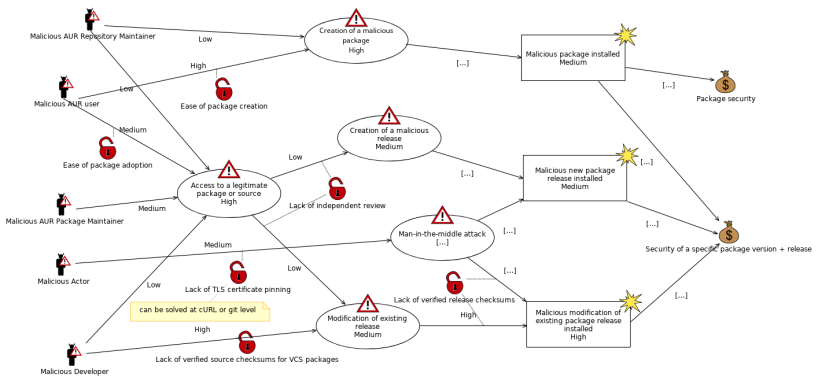
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└ Our Project

└ Covered Threats



# Covered Threats



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Our Project

Covered Threats





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└ Our Project

└ Basic Workflow

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- └ Our Project
  - └ Components

- **25.10** Prototype hashing B
- **08.11** Initial-Presentation L
- **15.11** Library-prototyp without blockchain-backend B/L
- **15.11** Bash-API for the blockchain L
- **30.11** Solidity-program finished B
- **08.12** unified local library for development L
- **08.12** runnable server with ethereum-node B/L
- **15.12** library-backend L
- **20.12** contrib: rudimentary pre-build-hooks in aurutils B

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└ Our Project

└ Schedule

Schedule

- 25.10 Prototype hashing B
- 08.11 Initial-Presentation L
- 15.11 Library-prototyp without blockchain-backend B/L
- 15.11 Bash-API for the blockchain L
- 30.11 Solidity-program finished B
- 08.12 unified local library for development L
- 08.12 runnable server with ethereum-node B/L
- 15.12 library-backend L
- 20.12 contrib: rudimentary pre-build-hooks in aurutils B

- **10.01** contrib: TLS-public-key-pinning in aurutils B
- **10.01** configuration and trust-cutoff Í
- **15.01** testing: integration in aurutils B
- **15.02** arch-package inc. private blockchain B
- **01.03** finish: library and aurutils-Hook B
- **01.04** finish: Web- and/or CLI-Interface L
- **15.04** draft paper
- **??.05** finish: paper
- **??.05** End-Presentation L

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└ Our Project

└ Schedule

Schedule	
• 10.01 contrib: TLS-public-key-pinning in aurutils	B
• 10.01 configuration and trust-cutoff	Í
• 15.01 testing: integration in aurutils	B
• 15.02 arch-package inc. private blockchain	B
• 01.03 finish: library and aurutils-Hook	B
• 01.04 finish: Web- and/or CLI-Interface	L
• 15.04 draft paper	
• ??.05 finish: paper	
• ??.05 End-Presentation	L