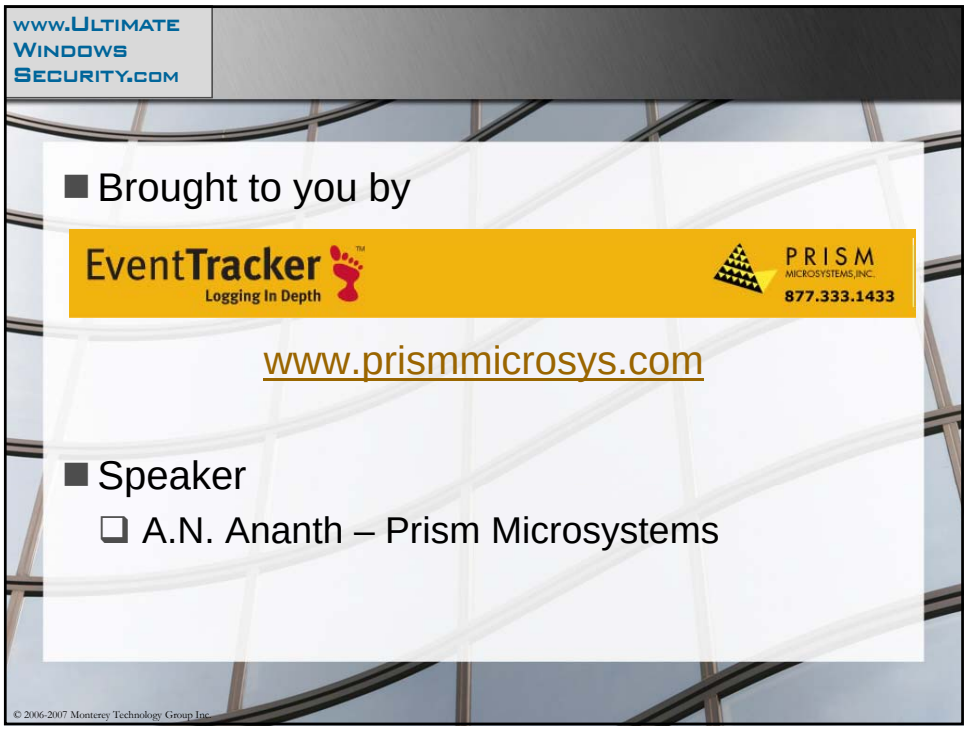

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Key Points

- Auditing Program Execution with the Security Log
  - Audit setup
  - Event IDs
  - Putting knowledge to work
    - What programs did this user execute?
    - How long did the program run?
    - Detect new programs run for the first time
    - What are all the unique programs executed on this server over a period of time?
    - How to recognize new malware

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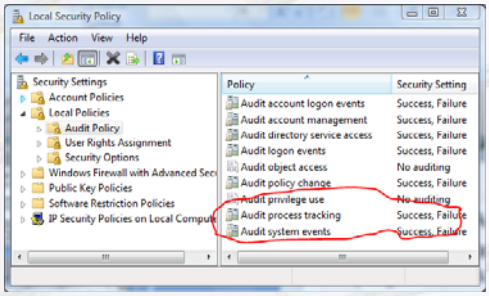
Auditing Program Execution with the Security Log

- Setup
  - Just enable “Audit process tracking”
  - On all computers where you want to track program execution



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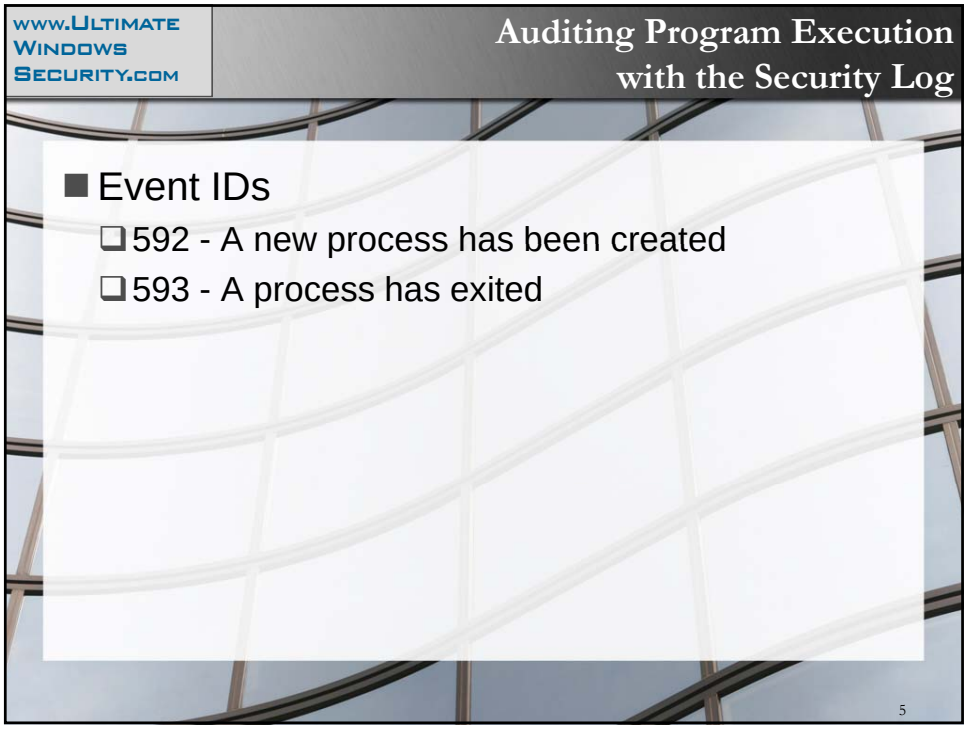

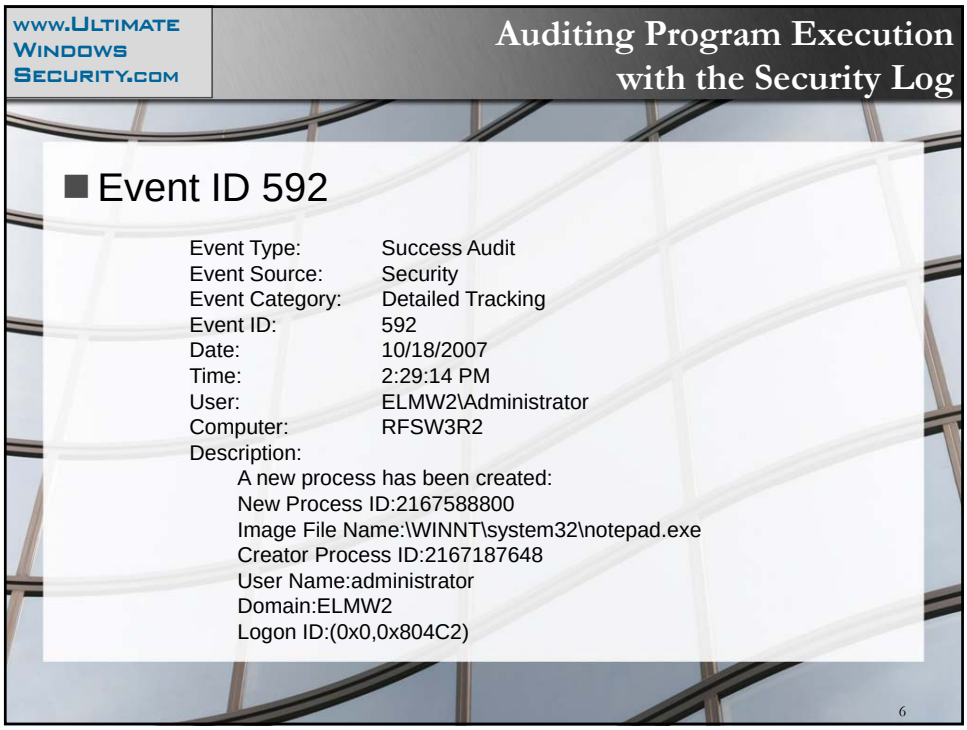

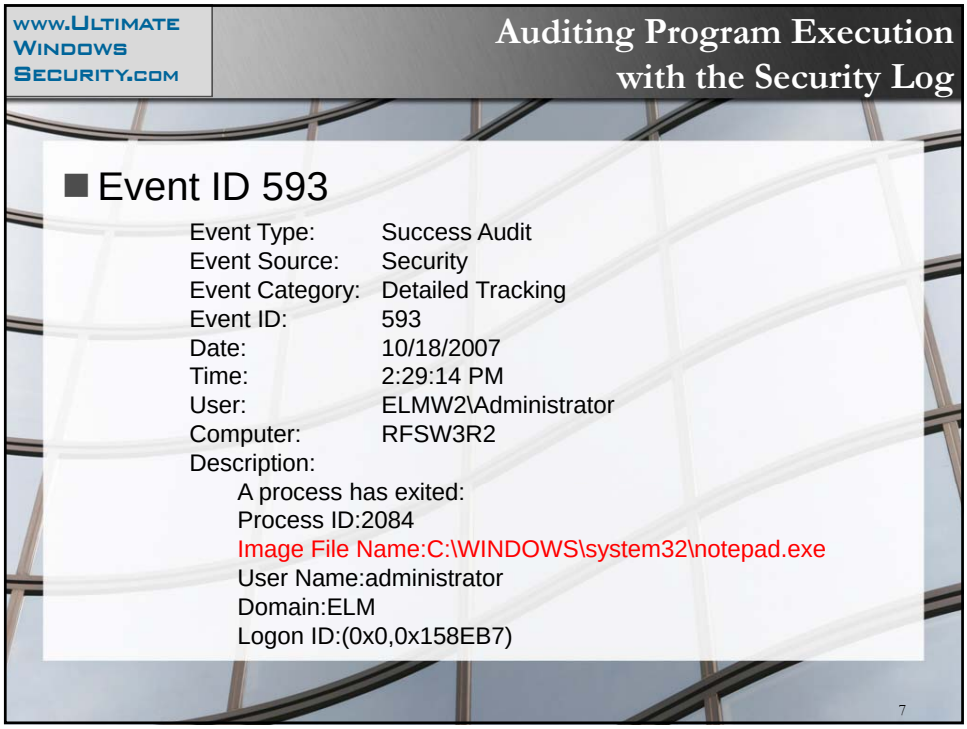

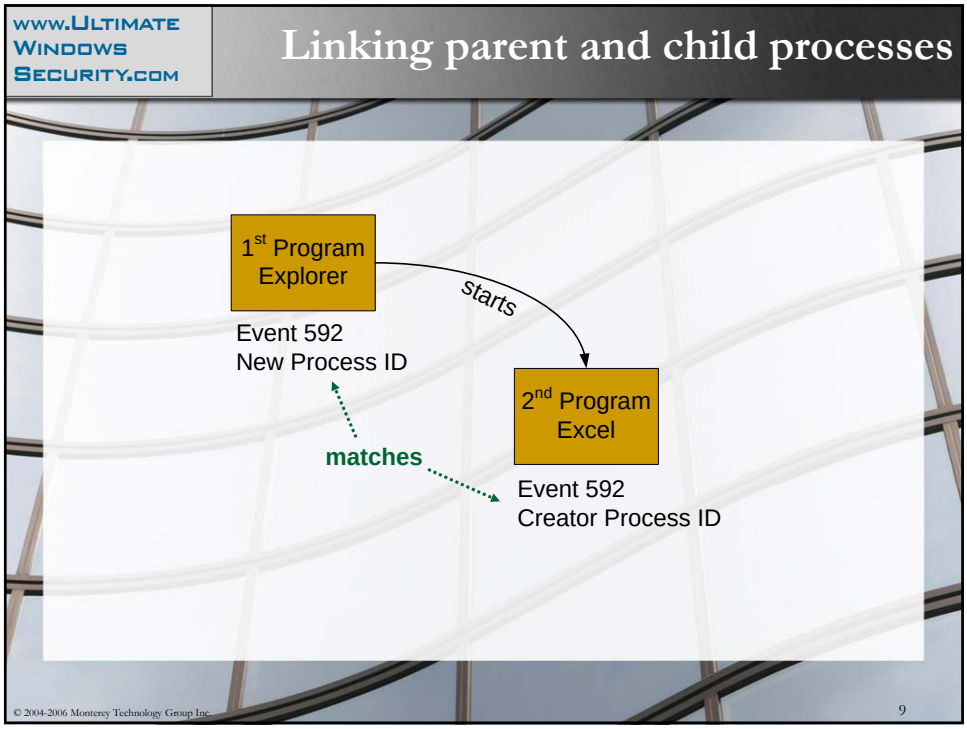
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Linking parent and child processes
1st Program Explorer
starts
Event 592
New Process ID
2nd Program Excel
matches
Event 592
Creator Process ID
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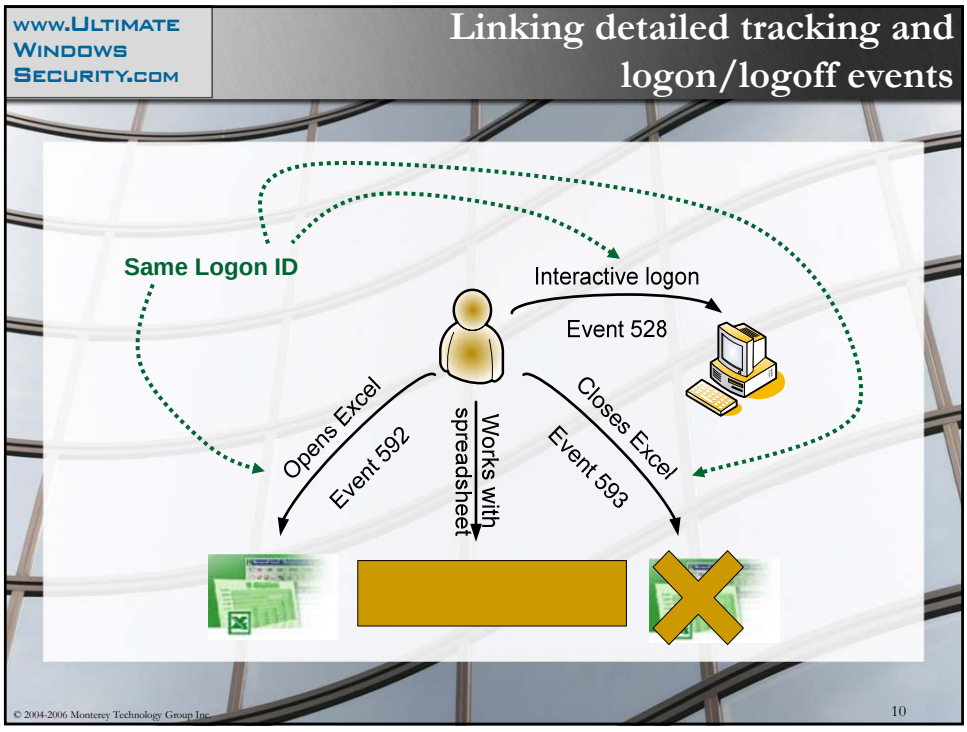
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Linking detailed tracking and logon/logoff events
Same Logon ID
Interactive logon
Event 528
Opens Excel
Event 592
Works with spreadsheet
Closes Excel
Event 593
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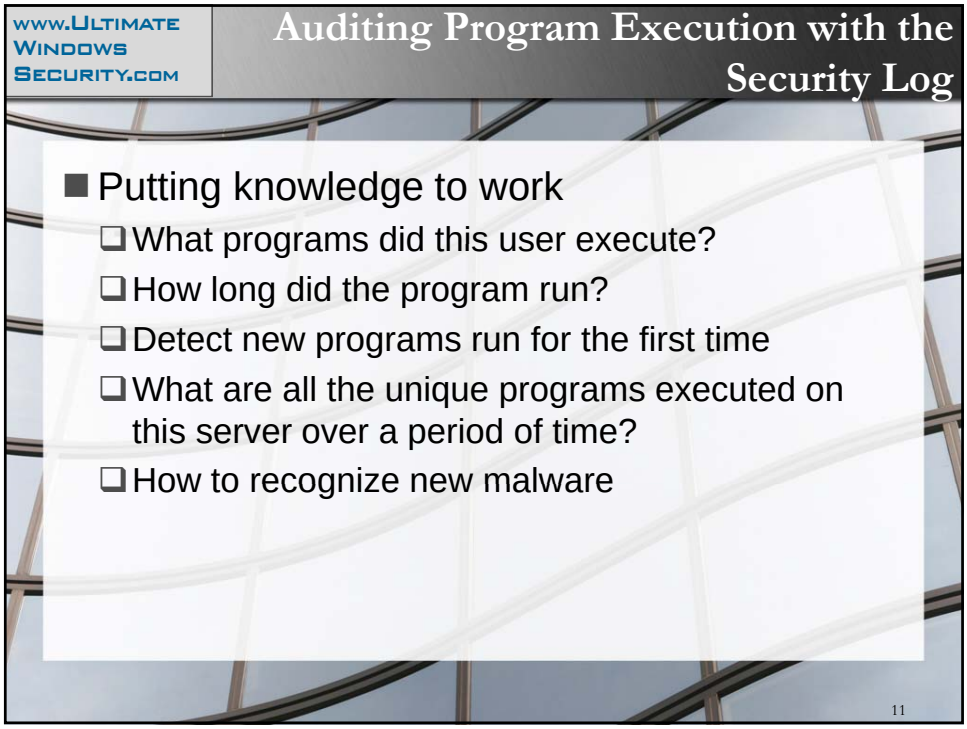

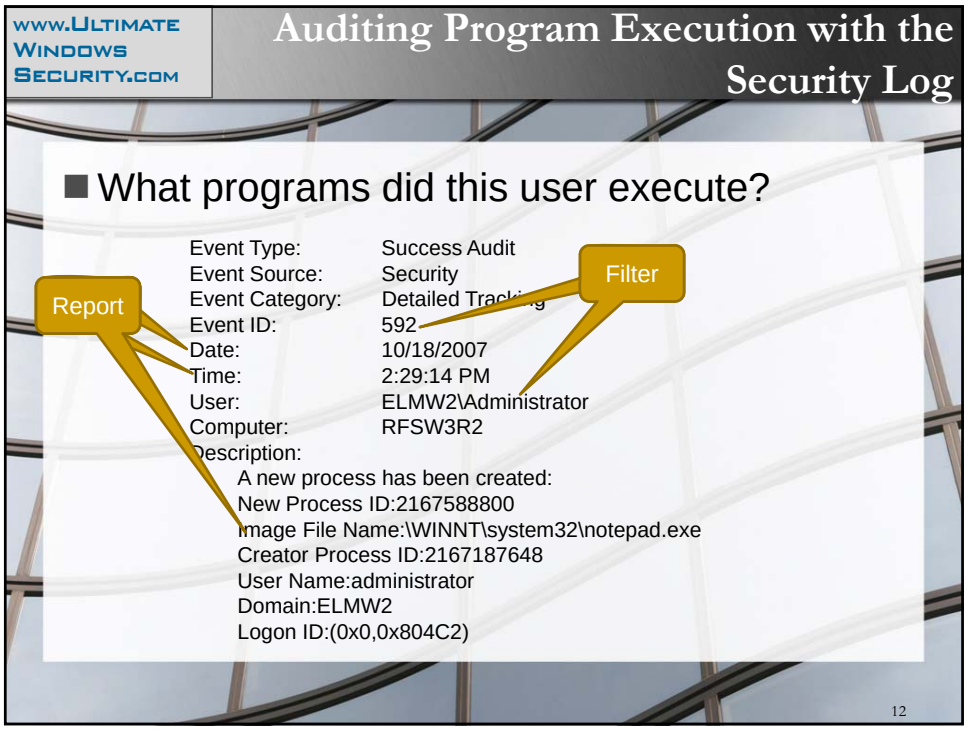

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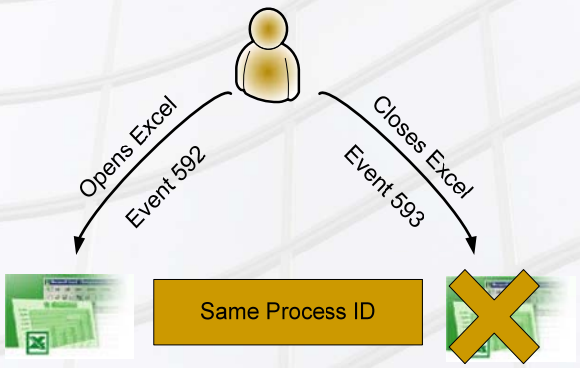
Auditing Program Execution with the Security Log

- How long did the program run?



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Auditing Program Execution with the Security Log

- Putting knowledge to work
  - What are all the unique programs executed on this server over a period of time?
    - Collect 592s over period of time
    - Get a distinct list of image filenames from 592s

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