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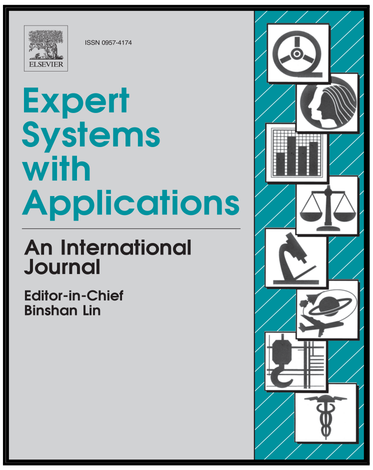

Eliciting and utilising knowledge for security event log analysis: an association rule mining and automated planning approach

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Highlights

- Generating object-based models of Microsoft Windows event logs for analysis
- Using temporal-association rule mining to generate chains of related events
- Encoding chains of events into PDDL domain models for automated planning
- Extracting action plan traces for vulnerable machines using the expert knowledge
- Provisioning expert knowledge to non-experts with reasonable performance and accuracy

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