MICHIGAN STATE UNIVERSITY

Beta Presentation

Anomaly Detection Suite v2.0

The Capstone Experience

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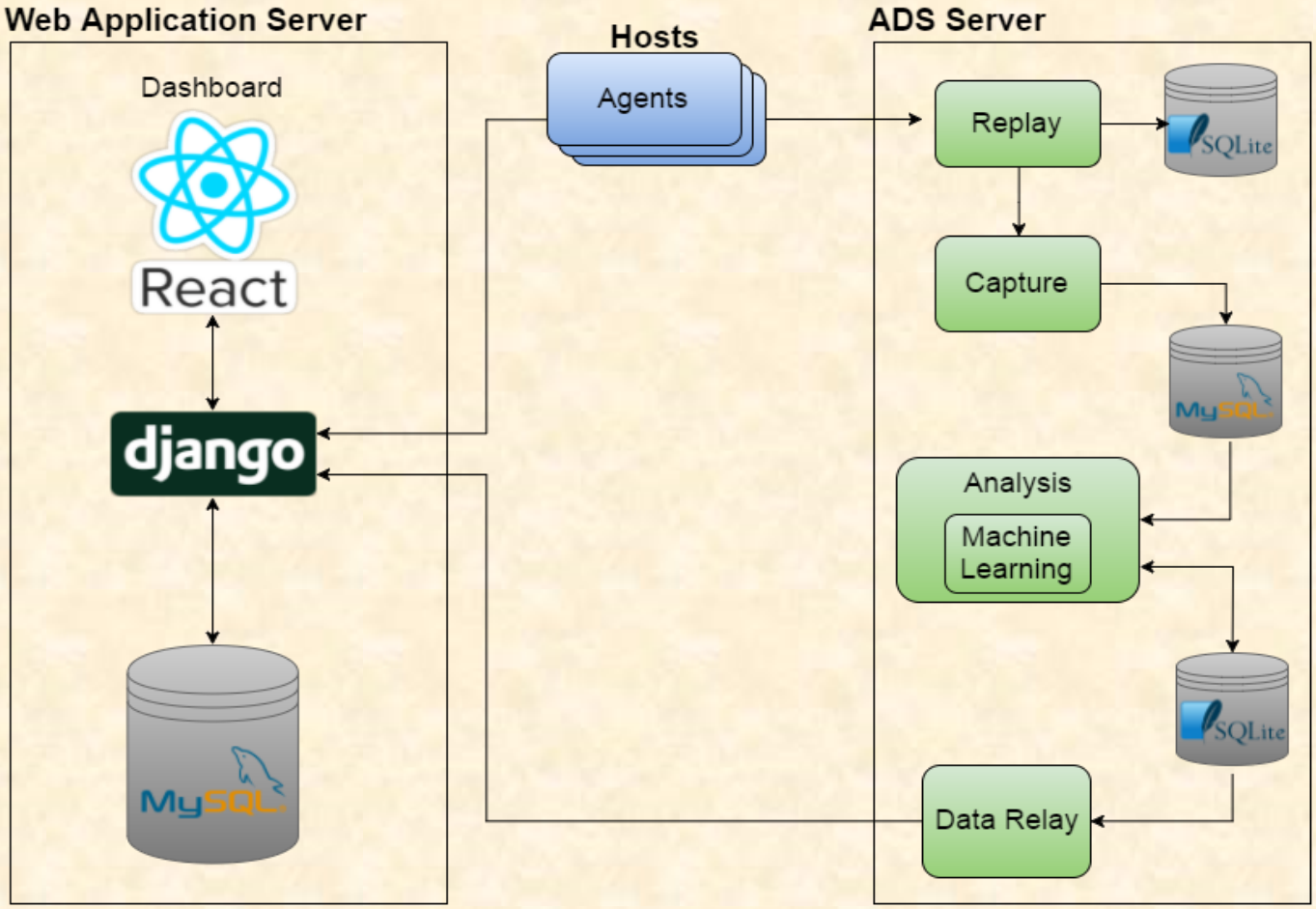
From Students…
…to Professionals

Project Overview

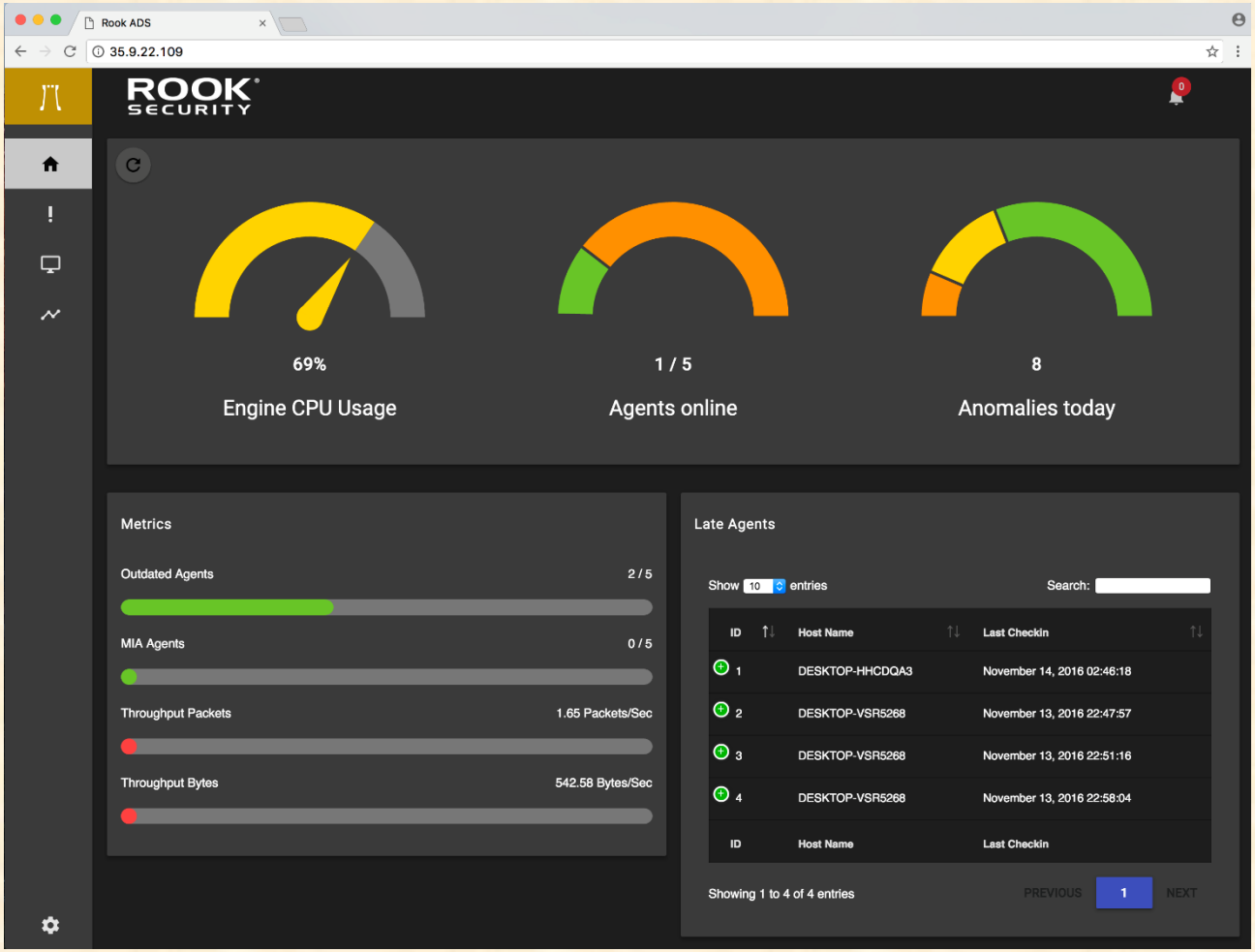
Monitors highly-virtualized networks to detect cybersecurity threats

- Develop agent management dashboard
- Optimize agent and engine performance
- Improve analysis engine with machine learning
- Create Linux based agent

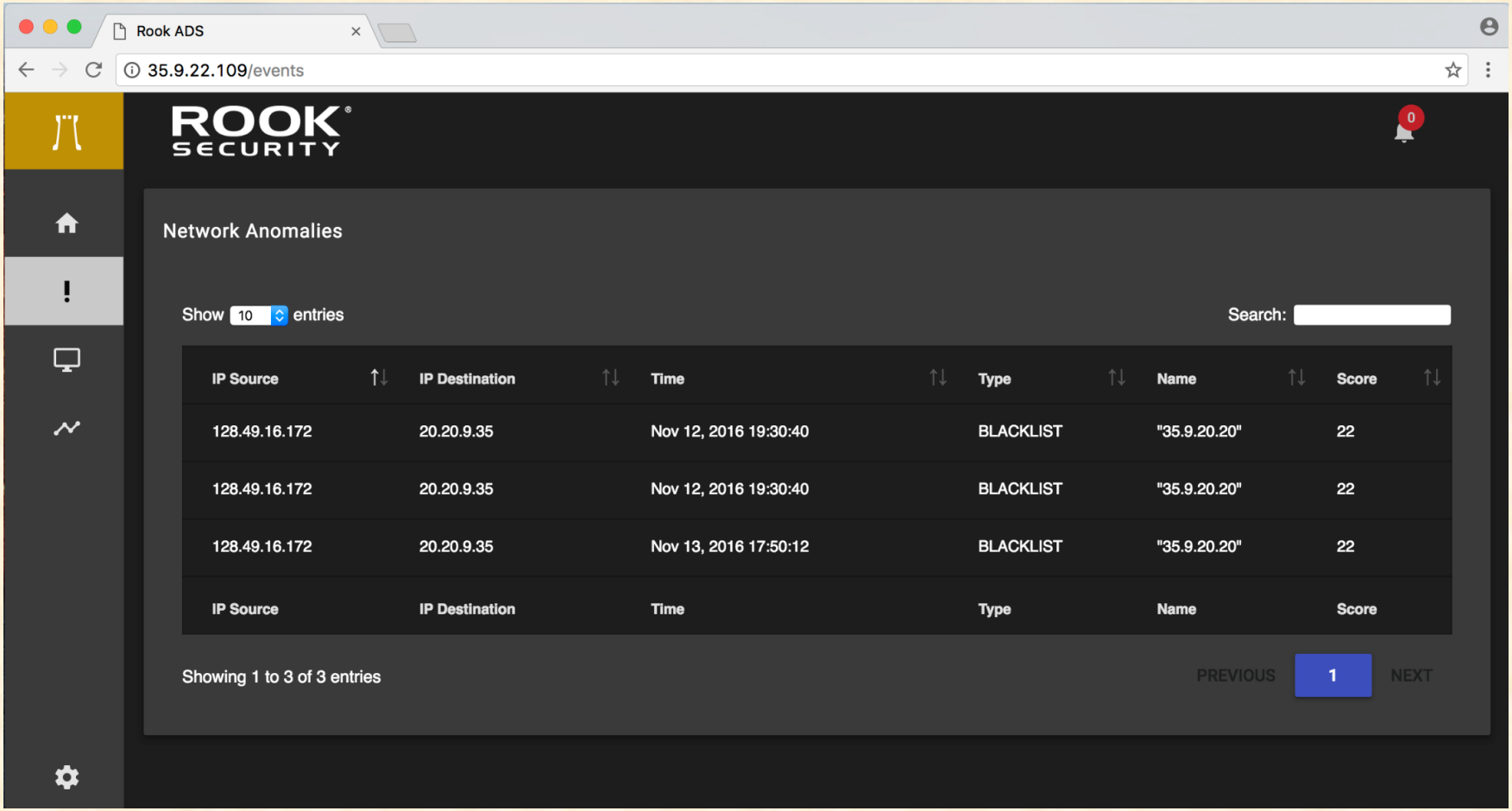
System Architecture



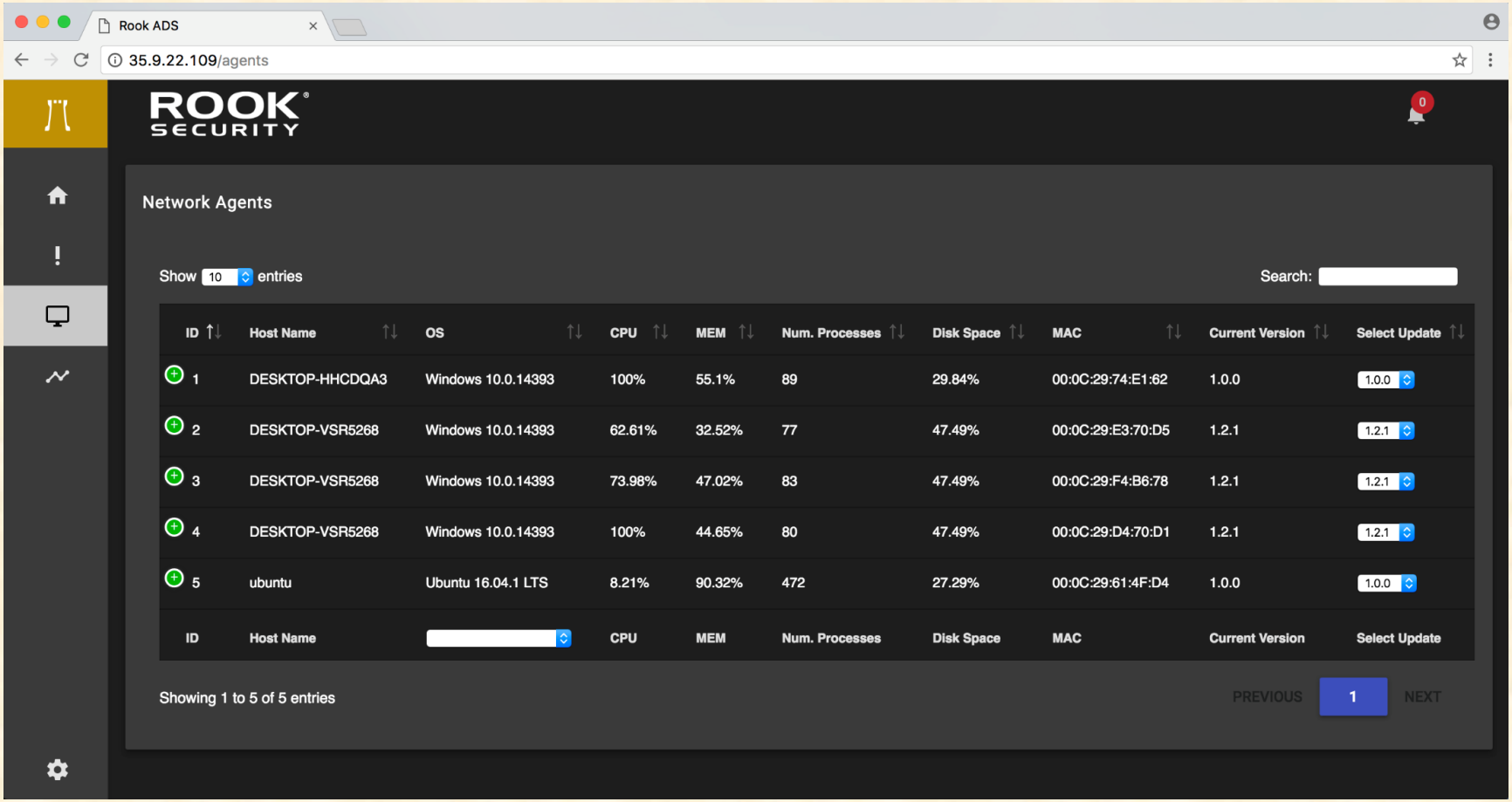
Dashboard: Home Page



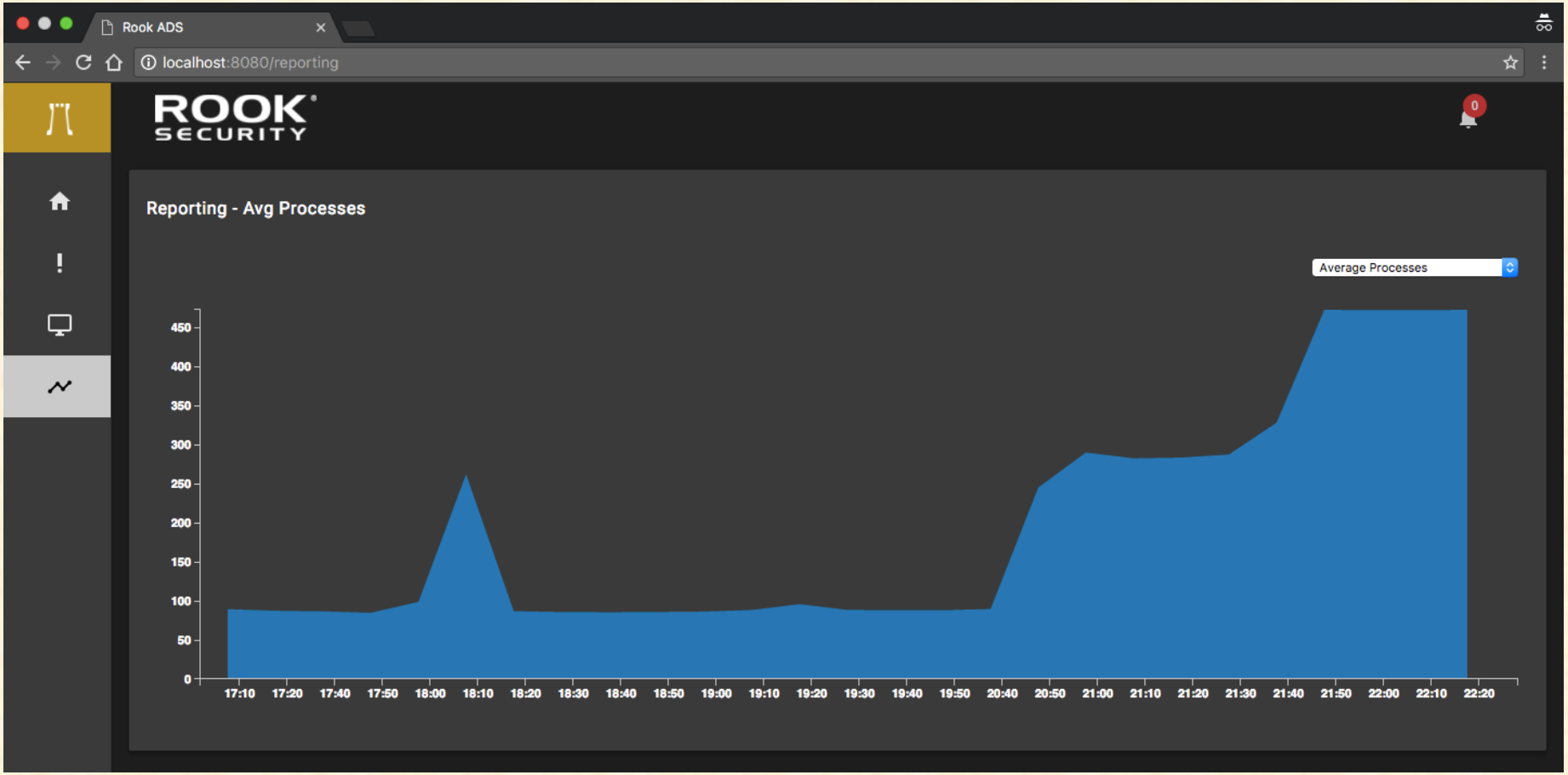
Dashboard: Alert Table



Dashboard: Agent Management



Dashboard: Reporting



What's left to do?

- Project Video
- Enhance operation of machine learning component
- Integration testing of all features
- Performance testing
- Add further support for Windows and Linux based agents on server

Questions?