Beta Presentation
Endpoint Data Monitoring and Analysis Agent
The Capstone Experience
Team Rook
Jared Clark
Drew Gilbertson
Bohao Gao
Jeremy Specht
Vikram Thakur

Department of Computer Science and Engineering
Michigan State University
Spring 2018
Project Overview

• Endpoint Agent Log Collection
  • Cross Platform Compatible

• Communication Channels for Data
  • Configurable

• Web Application to Analyze Agent
  • Configuration
    • Log Paths, Storage Location
  • Health Analysis
    • Alert Priorities
System Architecture

- React JS
- REST API
- Force Platform
- Agents
- Local Storage
Agent Management Console
Agent Configuration Tab
Agent Key Management Tab
Windows Agent Product Validator

ROOK Agent System

Step 1: Please Choose your Operation System
- Unix
- Windows

Step 2: Please Input your Key
Key: [blank]

Step 3: Click "Submit" button to verify your ClientKey

Welcome to ROOK Agent
What’s left to do?

• UI/UX Refinement
• Further Bug Testing
• S3 Credential Management [Stretch Goal]
Questions?