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- Our poster is about the strategic implementation of the **Elastic Stack (ELK)** to enhance observability and logging in the **Secure Web Portal (SWP)**.
- I am going to tell you why **observability** using the ELK stack is important/fascinating — it helps **monitor system health in real-time**, improves resilience, and enables fast issue resolution by analyzing logs centrally.
- And what we did about observability to analyze/understand it was integrate Elasticsearch, Logstash, and Kibana with SWP, routing logs through a central Syslog and storing them in Elasticsearch for real-time search and analysis.
- The most important result of our work is that applied observability through the ELK stack **significantly improves system performance, security, and manageability**, aligning with modern trends like AI-assisted optimization.
- **If you want to find out more, come over for a chat in front of our poster!**