

Master's Thesis

Characterizing Service Disruptions in a Regional Content Provider Network

Bayerischer Rundfunk (BR) operates a network to deliver content via television, radio and the internet to its users. This requires a highly heterogeneous network. The network monitoring solution for the BR-network collects alert data from involved devices and stores it in a central database. Currently, human operators make network management decisions based on a manual review of this data. This especially includes root cause identification in case of network failures. Such a human-centric process can be tedious and does not scale well with increasing network complexity. In this thesis, the student should perform a thorough analysis of the described data and characterize service disruptions to enable automated analysis in the future.

Advisors

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