

# **Automatic deployment of the Network Weather Service using the Effective Network View**

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## **Abstract**

*The monitoring infrastructure constitutes a key component of any Grid scheduler. The Network Weather Service (NWS) is the most commonly used tool to fulfill this need. Unfortunately, users have to deploy the NWS manually, which can be very tedious and error-prone.*

*This paper characterizes the NWS deployment requirements and introduces a method based on the Effective Network View (ENV) network mapper to automatically perform this task. We also present the resulting deployment on our lab's LAN.*