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JUNO Distributed Computing Infrastructure and Services Monitoring System

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JUNO is an international collaborative neutrino experiment located in Kaiping City, southern China. The JUNO experiment employs a WLCG-based distributed computing system for official data production. The JUNO distributed computing sites are from China, Italy, France, and Russia. To monitor the operational status of the distributed computing sites and other distributed computing services, as well as to account the cumulative resource consumption at these sites, we have developed a distributed computing infrastructure monitoring system. This service utilizes a unique workflow management tool to execute site SAM Tests. Currently, the monitoring system provides data collection and visualization services across several key areas, including site operational status, data transfer status, traditional data statistics, and service operational status.

Desired slot length

Speaker release

Yes

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