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(54) Title of the invention : EVENT CORRELATION SYSTEM AND METHOD FOR NETWORK MANAGEMENT USING CIRCUIT AND PATH INFORMATION

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	  1)**Chitkara University**
	    Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------
	  2)**Bluest Mettle Solutions Private Limited**
	Name of Applicant : NA
	Address of Applicant : NA
	(72)**Name of Inventor :**
	  1)**MISHRA, Rahul**
	Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune ----------- -----------
	  2)**SINGH, Dhiraj**
	Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India Pune ----------- -----------
	  3)**MANTRI, Archana**
	Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------

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(57) Abstract :

The present invention discloses an event correlation system (100) and method (200) for network management for efficiently identifying and resolving network issues. The system includes databases to store circuit and path information supporting network traffic, as well as data related to network events. Through advanced analysis and root cause identification, the system generates tailored remedies for issues and promptly transmits the root cause information to relevant computing devices. The system includes improved network issue identification, targeted root cause analysis, efficient remediation, proactive management, accurate impact assessment, real-time monitoring, scalability, and historical analysis. This enhances network performance, minimizes downtime, and provides administrators with valuable insights for effective network optimization and planning.

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