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Miriyala et al.

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(54) **ANALYSIS SYSTEM FOR
SOFTWARE-DEFINED NETWORK
ARCHITECTURES**

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(71) Applicant: **Juniper Networks, Inc.**, Sunnyvale,
CA (US)

(57) **ABSTRACT**

(72) Inventors: **Prasad Miriyala**, San Jose, CA (US);
Michael Henkel, Saratoga, CA (US);
Sangyeong Kim, Berkeley, CA (US);
Senthilnathan Murugappan, Fremont,
CA (US); **Jeffrey S. Marshall**, Santa
Clara, CA (US); **Akhilesh Pathodia**,
San Jose, CA (US)

In general, techniques are described that provide an analysis system for analyzing a software-defined networking (SDN) architecture system. The analysis system comprising the processing circuitry configured to obtain operational data representative of one or more of configuration, operation, and maintenance of the SDN architecture system. The processing circuitry may identify dependencies between the operational data that identify dependencies between objects representative of the configuration, operation, and maintenance of the SDN architecture system. The processing circuitry may perform, while traversing the dependences between the operational data, analysis with respect to the operational data in order to identify potential issues in the SDN architecture system, and output the potential issues in the SDN architecture system.

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