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(57) Abstract :

System and method for testing a gateway device is disclosed. The system comprises a communication port and a memory coupled to one or more processors. The system is configured to identify a gateway device connected to the system through the communication port. The system further identifies a set of protocols applicable to the gateway device. Once the protocols are identified, the system simulates a network device to connect with the gateway device using a protocol from the set of protocols. The system further enables the network device to connect with the gateway device in order to determine a performance of the network device.

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