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Low Rate Cloud DDoS Attack Defense Method Based on Power Spectral Density Analysis

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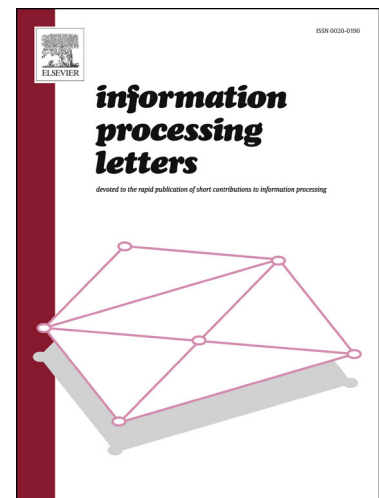
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## Highlights

- A power spectral density based defense method is proposed for the low-rate DDoS attack in the cloud environment.
- The proposed architecture is implemented in the OpenStack-based closed setup of a real cloud environment.
- The approach monitors and analyzes real-time aggregate external as well as internal traffic of the cloud network.
- The experimental results show that the approach is adaptive and provides competitive false positive and false negative rate.

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