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HIgh CPU in RPD due to evpn ip-move when large number of ip's learned on same MAC

Problem Report ID   PR1764487   Last Updated
2024-03-19 00:00:00

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👤 **Report a Security Vulnerability**

PROBLEM

The RPD CPU utilization and the memory utilization will be high when there is constant addition and deletion of IP address associated with the MAC entry.

RELEASE NOTES

The issue is caused due to large number of ip address being linked to a single mac entry.
The evpn ip move changes were looping multiple times through each of the ip entries associated to the mac causing high CPU/Memory utilization in RPD.

SEVERITY ⓘ

minor

STATUS

open

RESOLVED IN

Evo	Junos
23.2R2-EVO	22.2R3-S3
23.4R2-EVO	23.2R2
24.1R1-EVO	23.4R2

Feedback

24.1R1

PRODUCT

ACX Series, PTX Series, QFX Series, EX Series, J Series, M Series, MX Series, NFX Series, SRX Series, T Series

FUNCTIONAL AREA

software

TRIGGERS ⓘ

If large number of ip address (more than 300) being linked to a single mac entry.
The ip-addresses associated with the MAC constantly being added/deleted