ND Option for NMS Discovery
## (draft-liu-6man-nd-nms-discovery)

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Motivation

- NMS (Network Management System) is a MUST-HAVE component in modern ISP networks.
- Currently, most solutions are NMS initially discovering/connecting the devices
- We lack a standard way for the devices to initiatively discover/connect the NMS...
- which could improve the efficiency and automation

Approach

- Neighbor-Learning NMS Discovery
- Define a new ND Option for this purpose
- Why ND?
  - ND is a basic requirement for IPv6-enabled routers
  - It is a neighbor communication protocol, suitable for the scenarios
  - Leverage automation without adding too much human management burden
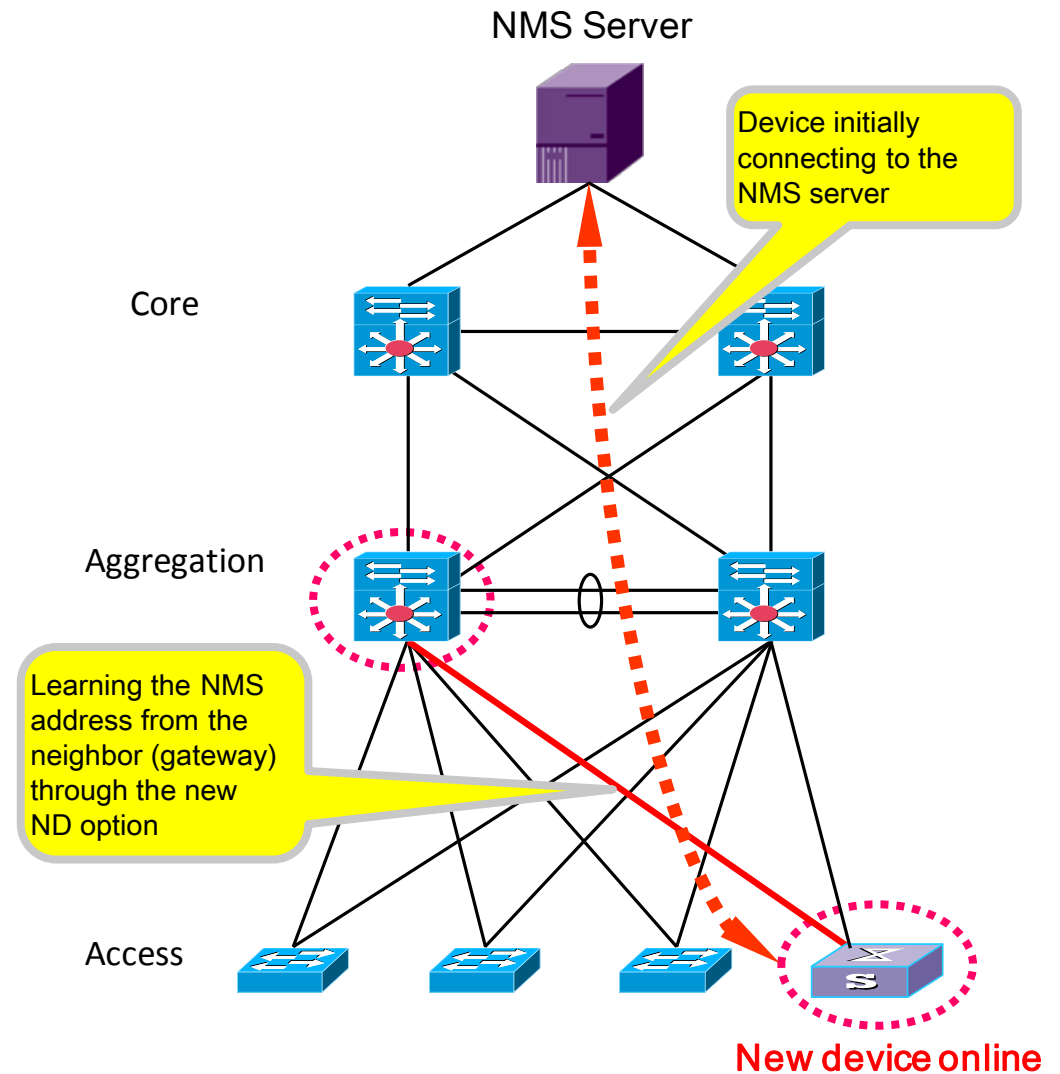
Next Steps

- Solicit more review/comments
- To see if 6man in favor of adopting such a work?

Thank you!

Your comments would be appreciated much.

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