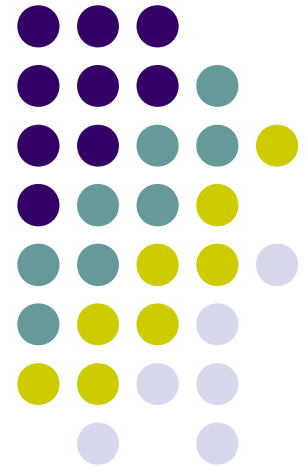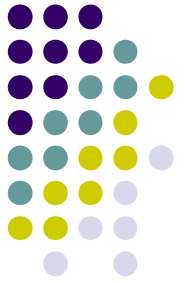# MIF DHCPv6 Route Options Update
draft-ietf-mif-dhcpv6-route-option-02

W. Dec (wdec@cisco.com)

T. Mrugalski (tomasz@isc.org)

B. Sarikaya (sarikaya@ieee.org)

T. Sun (suntao@chinamobile.com)

-02 Update (1): RtgDir update, DHC comments

- RtgDir update
  - Addressed some of RtgDir comments
  - Routing to black hole (next slide)
  - Remaining to be addressed in -03:
    - Actions when router failure happens
    - Clarify on DHCP standard operating procedure
- Presented in DHC earlier today:
  - Proposed to extend to cover on-link
  - Clarify on default route
 - More comments expected on DHC list

-02 Update (2): Routing into black holes
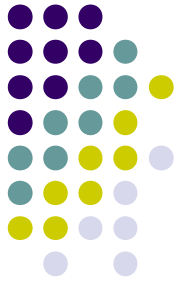
- NUD before using to avoid unreachable router (MUST)
- Recommendation for periodic checks (MAY)
- The „usual" DHCPv6 methods for refresh:
  - Use information refresh time option
  - May refresh during RENEW, REBIND,CONFIRM
  - RECONFIGURE mechanism
- Flushing of routes following a link flap on the DHCPv6 client interface
-

3

Next steps:
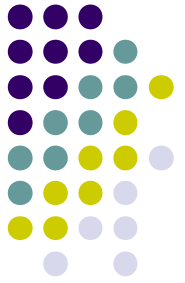
- -03 expected in 2 weeks
- Asking for WGLC after -03 becomes available

4
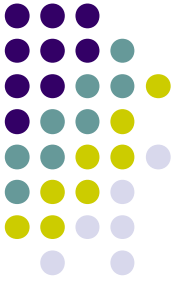
Thank you

draft-ietf-mif-route-option-02.txt