netmod: IPv6 RA submodule options?

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netmod: router configuration

• The netmod WG has defined a core YANG data model for router configuration
• Includes a number of modules, and one submodule to allow configuration of RA settings
  – The ietf-ipv6-router-advertisements submodule
• Currently the submodule only includes the required RA parameters taken from RFC4861
  – See Section 5.4
• The netmod draft says “it is expected that the core routing data model will be augmented by numerous modules developed by other IETF working groups.”
So…

• The problem is that, as it stands, there is no support in the YANG RA submodule for
  – RFC 4191 options (Default Router Preferences and More-Specific Routes)
  – RFC6106 options (IPv6 Router Advertisement Options for DNS Configuration)
  – Perhaps other options?

• Should we fix this? (I think yes… hence this slot)
• Good news: one author of the Netmod draft is willing to work with 6man (Lada)
• Just needs a YANG doctor from 6man…