# Fast Router Advertisement
# draft-mkhalil-ipv6-fastra-05
# IETF 60

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# Router Solicitation and Response

- Hosts send RS to detect routers and pre£xes.

- Router Solicitations go to all-routers

- (All) Routers receiving the RS Schedule an RA

- Routers delay randomly 0-500ms to avoid collision.

# Improving Router Response Delays: FastRA

- FastRA allows random delay to be removed

- Only one router can transmit without delay

- Con£guration/Selection not speci£ed

# Preventing denial of service

- MAX_FAST_RAS per Multicast Advertisement Interval

- Schedule a Multicast RA when FastRAs exhausted