Scenario #1 for Routing Metric Configuration

- Normally, metric for the wired interface is lower than that of WLAN, given more preference.
- But however some servers are only accessible via the WLAN.
- Wlan should configure a static route with a lower metric toward the internal server.
Scenario #2 for Routing Metric Configuration, High speed wlan

- Normally, metric for the wired interface is lower than that of WLAN, given more preference.
- But with the advance of 802.11ad (high speed wlan), WLAN is preferred over wired.
Scenario #3 for Routing Metric Configuration, traffic offload

- Operator controlled manner
- Offload traffic from 3G to WLAN conveying the information of the metric on different interface to the host
The problem

- The metric configuration is very ad-hoc on hosts
  - Maastricht: wlan 20, wired 10 ...
  - China: wlan 25, wired 20 ...
- This could impact the host behavior a lot if they are messed up
- We need some informational document on how things should be going…
Recharter Consideration?

- Document the current practice on how routing metrics are configured on the host, and guidance for routing metric configuration on multihomed hosts.

- Schedule
  - Nov 2010: Initial WG draft
  - Nov 2011: Submit the guidance to IESG for publication as an Informational RFC
Thank you for your attention