

Holding the Ongoing Sessions on MIF Hosts

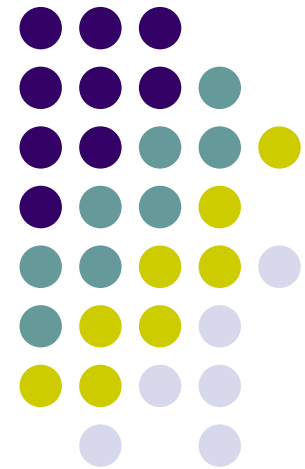
draft-cao-mif-ongoing-session-00

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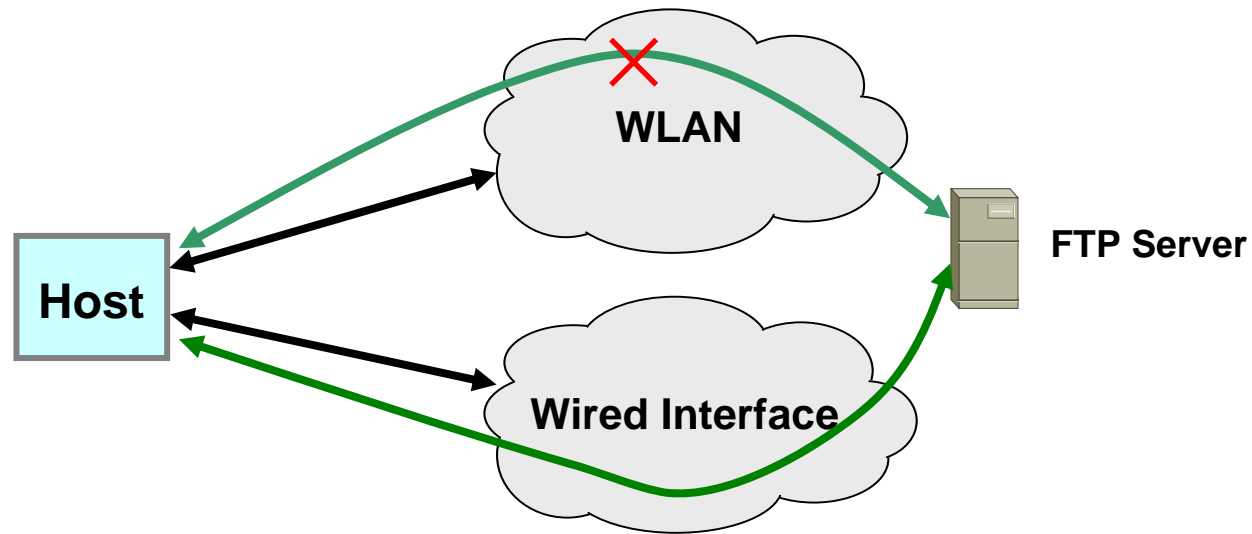


The Problem

- When there is an application running on one interface and another interface with a better routing metric is enabled, the ongoing session will be shifted to the new interface



An Example: FTP



- Normally, wired interface has a better metric than Wlan
- While the FTP session is going on the WLAN, the wired ethernet is enabled.
- The session will be shifted to the wired.
- This ping-pong phenomenon is not good for user experience



Recharter Consideration

- Holding the on-going sessions for multi-homed hosts: a mechanism to avoid the ongoing session on one interface being terminated and shifted to another enabled interface on a multiple interface host.
- schedule:
 - Mar 2011: Initial WG draft of the solution to hold the ongoing session.
 - Mar 2012: Submit on-going session holding solution to IESG for publication as a Proposed Standard RFC