

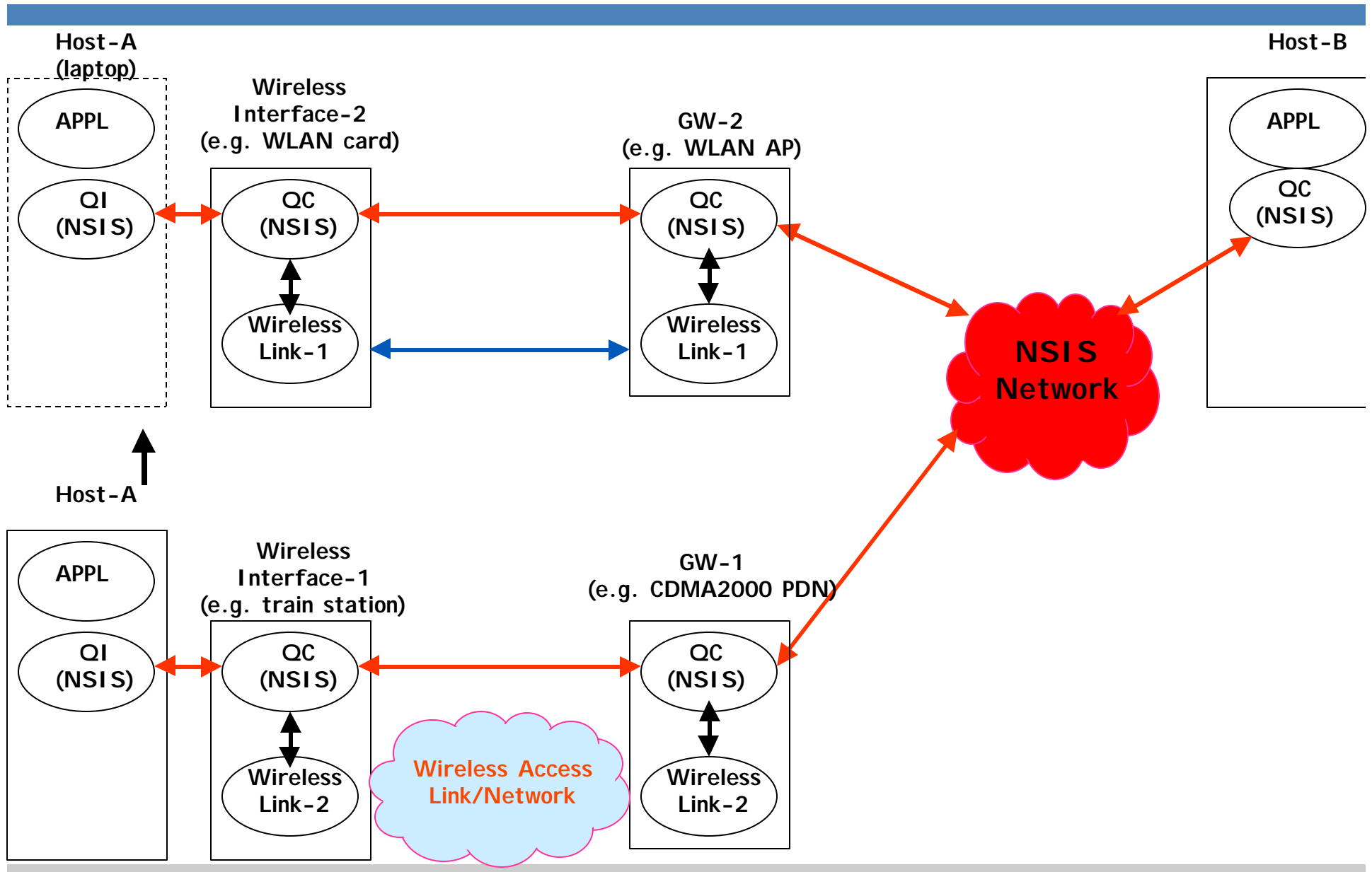
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# NSIS QoS Signaling Requirements from a Multi-access Wireless Perspective

`draft-fodor-reqts-cellular-netwks-00.txt`

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# Multi-access scenario with a multi-mode terminal



## Main characteristics of the Multi-access scenario

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1. Application is unaware of the wireless technology
    - Application uses an open IP based API to request QoS
  2. Host is de-coupled from the wireless interface,
    - May even be physically separated (e.g. BT in between)
  3. QI resides in host, host employs host-to-edge NSIS signaling
  4. WI uses NSIS info as input to establish wireless connection
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## Requirements on NSIS Signaling from a Wireless Perspective

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**X/Y refers to brunner-nsis... Section 5.X, Bullet Y**

1. Host-to-edge signaling must be per-flow
  2. QoS information: 1/1, 1/4, 1/6, 5/2, 5/3, 5/5, 5/9
  3. Bi-directional and asymmetric reservations: 1/3, 7/4
  4. Local reservation (local scope) must be supported:  
1/6, 2/4, 5/2
  5. Multi-cast
  6. Local control, DoS: 5/2, 8/8
  7. Support for adaptivity: 5/8, 7/3,
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