DIME :- Parameter Query

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The problem

• The AAA in a network generally has a lot of information about how a device attaches to the network.
• This makes the AAA the central repository for this information, and often the only reliable source.
• Increasingly other nodes in the operator network require access to specific pieces of this information.
  – Having a common way for nodes to extract information they need from the AAA is necessary
Examples

• 3GPP networks increasingly need translations done between IMSI/MSIDN and IP address. With LTE this will be critical.
  – Currently proprietary mechanisms are used, often involving monitoring accounting streams such as those described in TS-29.061

• Location systems often only see the requesting IP address:
  – Need to map this to a quality of service
  – Need to map this to either identifiers to enable location determination to take place:
    • Service Identifier (SID in the UK)
    • IMSI/MSIDSN in the cellular world
Direction

• Real need for this work in a range of SDOs
  – NICC
  – 3GPP
  – WiMAX forum

• The current draft is a bit too location focussed
  – Will work to generalize it a bit more
  – Request a WG milestone for the inclusion of this functionality.