

DIME :- Parameter Query

James Winterbottom

James.winterbottom@andrew.com

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.