

MOME Standardization event - August 2005

MOME related activities in the IETF charters (IPPM, RMON)

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Agenda

- o Presentation of RMON activity
- o Presentation of IPPM activity
- o ISP measurement information exchange based
- o IDs close to IPPM, IPFIX and PSAMP

RMON WG

- 20 RFCs
 - RMON MIB
 - Extension for DS, High capacity (Moore low)
 - SMIv2, HC adaptation
 - Protocol Identification
 - IPv6 adaptation
 - APM MIB, TPM MIB, SSPM MIB
 - TPM and SSPM are pending IPPM METRIC REGISTRY
 - Which is under Auth48 as RFC4148...
- WG Drafts:
 - RAQMON framework, MIB and protocol
 - RFC Queue

IPPM WG

- 10 RFCs
 - Measurement framework: RFC 2330
 - Primary and statistic Metrics:
 - Connectivity, One way delay, packet lost,
 - Round trip delay, bulk transfer
 - Lost pattern, jitter, periodic stream
 - One-way Active Measurement Protocol
 - Requirements
 - protocol: WG Draft: RFC Queue ?
 - IPPM Metrics Registry
- WG drafts
 - Packet Reordering metrics

ISP measurement information exchange

- IPPM, IPFIX and PSAMP Framework
 - IPPM
 - Methodology: RFC2330
 - Metric ID: IPPM METRICS REGISTRY: BCP108
 - IPFIX
 - Retro compatibility with Netflow V5 and V8
 - Interoperability IPFIX/Netflow V9
 - flows aggregation
 - PSAMP
 - Collecting packet information
 - Exchanging measurement information
 - Exporting measurement ancillary information
 - F of IPFIX: F like Flexible
- ID related
 - draft-boschi-data-exchange-quest-00.txt
 - draft-stephan-isp-templates-00.txt

IDs close to these WG

- IPPM
 - Multimetrics:
 - draft-stephan-ippm-multimetrics-01.txt
 - Composition
 - draft-morton-ippm-composition-00.txt
 - Traceroute
 - draft-niccolini-ippm-storetracerooutes-01
- IPFIX
 - Aggregation
 - draft-dressler-ipfix-aggregation-01
- PSAMP
 - Collecting packet information
 - draft-boschi-export-perpktinfo-00