
Title: LS Response to SA5 Document (S5-122111) on NGMN P-NGCOR Clarification on FM Requirements

Source: NGMN Alliance, Project NGCOR

To: 3GPP SA5 WG

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Action Requested: None

1. Overall Description:

NGMN P-NGCOR would like to thank 3GPP SA5 for their communication on S5-122111 regarding the NGCOR FM Requirement (7) "Supplementary information contained within alarm".

The responses of P-NGCOR are provided in line with the respective questions in italics:

1. SA5 needs to know which "supplementary information ... explaining the alarm context" is currently missing, i.e. not already provided by existing alarm parameters;

Response: It is difficult to name all Management System for each technology where we find incomplete Information. We expect to receive all necessary event information to understand and solve a problem. If it is not delivered in the Event attributes, than additional Information is needed. (That means, this general requirement has to be addressed by the Vendor who implements the Network Element Manager)

2. If "supplementary information" is required, SA5 needs to know if this requirement necessitates duplication of information already available in existing standardized alarm information in the new "supplementary information" – We do think that this duplication should be avoided;

Response: Yes, we should avoid duplication of information If the needed information is included in the Alarm attributes already.

3. SA5 believes that, if some information is missing in existing standardized alarm information attributes and parameters, new alarm information attributes and parameters should be considered;

Response: Yes, but this should be handled very carefully, to ensure a stable standard and backwards compatibility. There must be a very good reason to expand the list of attributes.

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4. Encoding “supplementary information” in regular expressions (which are complex structures) would make an alarm more complex adding test and integration costs.
 5. SA5 would need guidance on the language to be used for regular expressions.

Response to questions 4 and 5: The meaning of this requirement is to avoid complex machine structured text (e.g. in binary or SW specific form) in the supplementary information, which has to be converted in a human readable form. It must be easily readable and in English, but should follow a common structure. (We don't have any specific standard preference for this structure)

2. Actions:

None.