**3GPP TSG-SA5 Meeting #143-e *S5-223337***

**e-meeting, 09 – 17 May 2022**

**Source: AsiaInfo,**

**Title: pCR 28.909 Add new Key Issue determine evaluated object of autonomous network levels evaluation**

**Document for: approval**

**Agenda Item: 6.5.2.1**

# 1 Decision/action requested

***The group is asked to discuss and approval.***

# 2 References

[1] 3GPP draft TR 28.909: “Management and orchestration; Study on evaluation of autonomous network levels v0.0.0”.

[2] SP-211445 "New Study on evaluation of autonomous network levels"

[3] 3GPP TS 28.100 "Management and orchestration; Levels of autonomous network"

# 3 Rationale

An evaluation object needs to be specified before the autonomous network levels evaluation, Based dimensions for evaluating autonomous network levels in clause 4.3 in TS 28.100 [2], the evaluated object that needs to be selected has three features. More specifically, first, the Scenario type should be specified which The autonomous network can be implemented, such as planning, deployment, maintenance and optimization. Second, the managment scope needs to be specified that is implementing automation, including NE/NF layer, domain network layer, cross domain network layer and communication service layer. Third, it is shoud be defined which the level evaluated the object is at, based on Generic Levels of autonomous network defined in TS 28.100 [2].

# 4 Detailed proposal

It proposes to make the following changes to TR 28.909[1].

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| **1st Change** |

## 5.X Key Issue# X: Determine evaluation object of autonomous network levels evaluation

### 5.X.1 Description

An evaluation object needs to be specified before the autonomous network levels evaluation, Based dimensions for evaluating autonomous network levels in clause 4.3 in TS 28.100 [2], the evaluated object that needs to be selected has two dimensions. More specifically, first, the scenario type should be determined which The autonomous network can be implemented, such as planning, deployment, maintenance and optimization. Second, the managment scope needs to be determined that is implementing automation, including NE/NF layer, domain network layer, cross domain network layer and communication service layer.

### 5.X.2 Potential solutions

Each evaluation object expresses the dimension of the evaluated object under consideration and is determined which the scenario type belongs to and which management scope the automation implementation is in. i.e. the evaluation object is the tuple

Evaluation object= [Scenarias type, Management scope] cenarias type, Magements

e.g. fault management= [maintenance scenarios, domain network layer]

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| **End of Changes** |