**3GPP TSG SA WG5 Meeting #156 S5-244687**

**Maastricht, The Netherlands 19 - 23 August 2024**

**Source: China Mobile, TIM**

**Title: TR 28.915 Add a general NDT framework**

**Document for: Approval**

**Agenda Item: 6.19.5**

# 1 Decision/action requested

***In this box give a very clear / short /concise statement of what is wanted.***

# 2 References

[1] 3GPP draft TR 28.915: “Management and orchestration; Study on management aspects of Network Digital Twin v0.1.0”.

# 3 Rationale

This contribution proposes to add a general NDT framework in TR 28.915, to show the NDT role in the management loop, between the NDT producer, potential NDT consumers, and other network/management functions/services.

# 4 Detailed proposal

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| **First Change** |

## 4.x.x Illustrate the life-cycle management of an NDT

When the MnS consumer submits a request to create an NDT, the MnS producer who provides the NDT may create an instance to fulfil or satisfy the specific scenarios. An NDT instance may include the following capabilities:

- Creation

- Configuration

- Simulation start

- Simulation end

- Re-configuration

- Deletion

***NDT***

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| **End of Changes** |