Title (en)
REAL-TIME RADIO ACCESS NETWORK ANALYTICS

Title (de)
ECHTZEIT-FUNKZUGANGSNETZWERKANALYTIK

Title (fr)
ANALYSE DE RÉSEAU D'ACCÈS RADIO EN TEMPS RÉEL

Publication
EP 4342212 A1 20240327 (EN)

Application
EP 22729838 A 20220426

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Abstract (en)
[origin: WO2022245478A1] Described are examples for providing radio access network (RAN) analytics for a virtualized base station. An analytics engine includes a memory storing one or more parameters or instructions for operating the virtualized RAN and at least one processor coupled to the memory. The analytics engine is configured to perform multiple protocol layers of RAN processing for at least one cell at the virtualized base station. The analytics engine is configured to determine a time series of real-time metrics at two or more layers of the multiple protocol layers for the at least one cell or a user equipment (UE) connected to the at least one cell. The analytics engine is configured to correlate a time series for each of the two or more layers to detect a network condition. The analytics engine is configured to modify a configuration of the at least one cell based on the detected network condition.

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