Mobile Network Function Virtualization Fundamentals

Description: This report provides a comprehensive technology analysis on network function virtualization (NFV) and how it specifically applies to mobile networks. A detailed analysis covering the various equipment vendor ecosystems is included as well as an analysis on the current views on both a virtualized EPC and virtualized RAN (vRAN) within a mobile network as well as virtual baseband units (vBBU) and virtualized base stations (vBS).

Features:
- Definitions and explanations of NF, NFV, and NFVI
- NFV Reference Architecture
- NFV Management and Orchestration (MANO) Requirements
- NFV Use Cases
- NFV Hardware Analysis
- Open NFV
- OpenDaylight
- Equipment Vendor/Service Provider Ecosystems including
  - Alcatel-Lucent (Nokia)
  - China Mobile
  - Hewlett-Packard Enterprise
  - Ericsson
  - Huawei Technologies
  - Wind River Systems
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