Use Cases for In-Network Computing

https://www.ietf.org/id/draft-irtf-coinrg-use-cases-00.txt

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Current Use Cases

Industrial Use Cases (Section 4)
- In-Network Control (4.2)
- Large Volume Applications (4.3)
- Industrial Safety (4.4)

Infrastructure Services (Section 6)
- Distributed AI (6.1)
- Content Delivery Networks (6.2)
- CFaaS (6.3)

Immersive Experiences (Section 5)
- Mobile Application Offloading (5.1)
- Extended Reality (XR) (5.2)
- Personalised and Interactive Performing Arts (5.3)

Moved from https://www.ietf.org/archive/id/draft-sarthchandra-coin-appcentres-04.txt
New contributions
Call for Contribution & Next Steps

- **Need: New contributors with new use cases**
  - Today’s presenters? 😊

- **How To:**
  - Please roughly follow the current taxonomy
    - 4.2.1. Description ........................................... 6
    - 4.2.2. Characterization ...................................... 7
    - 4.2.3. Existing Solutions .................................... 7
    - 4.2.4. Opportunities and Research Questions for COIN .................................... 8
    - 4.2.5. Requirements .......................... 8

- **Next Steps**
  - Try to incorporate what we heard today
  - (Start analyzing the use cases)