Approved blueprints

- 5G MEC System Blueprint Family
  - 5G MEC/Slice System to Support Cloud Gaming, HD Video and Live Broadcasting Blueprint
    - Landing Application of 5G MEC/Slice System to Support Cloud Gaming, HD Video and Live Broadcasting Blueprint
    - Release 3 Documentation - 5G MEC/Slice System
      - 5G MEC BP Rel 3 datasheet
      - R3 - API Documentation
      - R3 - Architecture Documentation
      - R3 - Installation Documentation
      - R3 - Release Notes
      - R3 - Test Documentation
    - Release 4 to 6 Documentation - 5G MEC/Slice System
      - 5G MEC/Slice BP R4 to R6 Datasheet
      - R4 to R6 - API Documentation
      - R4 to R6 - Architecture Documentation
      - R4 to R6 - Installation Documentation
      - R4 to R6 - Release Notes
      - R4 to R6 - Test Documentation
  - Source Code Analysis - 5G MEC/Slice System
  - 5G MEC System BP Family Weekly Meeting
  - Enterprise Applications on Lightweight 5G Telco Edge
    - EALT-EDGE Landing Application
    - EALT-EDGE Source code Analysis
    - Maturity Review Certification of EALTedge
    - Release 3 Documentation - Enterprise Applications on Lightweight 5G Telco Edge (EALTedge)
      - EALTedge Rel 3 Datasheet
      - R3 - API Documentation - Enterprise Application on Lightweight 5G Telco Edge (EALTedge)
      - R3 - Architecture Documentation of Enterprise Applications on Lightweight 5G Telco Edge (EALTedge)
      - R3 - Installation Documentation of Enterprise Applications on Lightweight 5G Telco Edge (EALTedge)
      - R3 - Release Notes of Enterprise Applications on Lightweight 5G Telco Edge (EALTedge)
      - R3 - Test Documentation of Enterprise Applications on Lightweight 5G Telco Edge (EALTedge)
    - Release 4 Documentation - Enterprise Applications on Lightweight 5G Telco Edge (EALTedge)
      - EALTedge Rel 4 Datasheet
      - R4 - API Documentation - Enterprise Application on Lightweight 5G Telco Edge (EALTedge)
      - R4 - Architecture Documentation of Enterprise Applications on Lightweight 5G Telco Edge (EALTedge)
      - R4 - Installation Documentation of Enterprise Applications on Lightweight 5G Telco Edge (EALTedge)
      - R4 - Release Notes of Enterprise Applications on Lightweight 5G Telco Edge (EALTedge)
      - R4 - Test Documentation of Enterprise Applications on Lightweight 5G Telco Edge (EALTedge)
    - Release 5 Documentation - Enterprise Applications on Lightweight 5G Telco Edge
      - EALTEDGE Release 5 Datasheet
      - R5 - API Documentation - Enterprise Application on Lightweight 5G Telco Edge (EALTEDGE)
      - R5 - Architecture Documentation of Enterprise Applications on Lightweight 5G Telco Edge
      - R5 - Installation Documentation of Enterprise Applications on Lightweight 5G Telco Edge (EALTEDGE)
      - R5 - Release Notes of Enterprise Applications on Lightweight 5G Telco Edge (EALTEDGE)
      - R5 - Test Documentation of Enterprise Applications on Lightweight 5G Telco Edge (EALTEDGE)
    - Release 5.1 documents
      - EALTEDGE Release 5.1 Datasheet
      - R5.1 - API Documentation - Enterprise Application on Lightweight 5G Telco Edge (EALTEDGE)
      - R5.1 - Architecture Documentation of Enterprise Applications on Lightweight 5G Telco Edge (EALTEDGE)
      - R5.1 - Installation Documentation of Enterprise Applications on Lightweight 5G Telco Edge (EALTEDGE)
      - R5.1 - Release Notes of Enterprise Applications on Lightweight 5G Telco Edge (EALTEDGE)
      - R5.1 - Test Documentation of Enterprise Applications on Lightweight 5G Telco Edge (EALTEDGE)
    - Release 6 Documentation - Enterprise Applications on Lightweight 5G Telco Edge
      - EALTEDGE Release 6 Datasheet
      - R6 - API Documentation - Enterprise Application on Lightweight 5G Telco Edge (EALTEDGE)
      - R6 - Architecture Documentation of Enterprise Applications on Lightweight 5G Telco Edge
      - R6 - Installation Documentation of Enterprise Applications on Lightweight 5G Telco Edge (EALTEDGE)
      - R6 - Release Notes of Enterprise Applications on Lightweight 5G Telco Edge (EALTEDGE)
      - R6 - Test Documentation of Enterprise Applications on Lightweight 5G Telco Edge (EALTEDGE)
  - AI/ML and AR/VR applications at Edge
  - Automotive Area
    - Connected Vehicle Blueprint(Aka CVB)
    - CI Lab Environment Setup
    - Connected Vehicle Blueprint Project Meetings
      - CVB Project Minutes 2020.04.06
      - CVB Project Minutes 2020.05.04
      - CVB Project Minutes 2020.06.29
      - CVB Project Minutes 2020.07.07
      - CVB Project Minutes 2020.07.14
      - CVB Project Minutes 2020.07.21
      - CVB Project Minutes 2020.08.25
      - CVB Project Minutes 2020.11.16
      - CVB Project Minutes 2021.01.05
      - CVB Project Minutes 2021.03.16
      - CVB Project Minutes 2021.05.25
    - Core Review Certification of CVB
    - CVB Landing Applications
CVB Release 2 Documents
- Architecture Doc
- CVB Architecture Document for R2
- CVB Installation Doc for R2
- CVB Release Notes for R2
- CVB Test Doc for R2
- Installation Doc
- Release Note
- Test Doc

CVB Release 3 Documents
- CVB Release 3 Architecture Doc
- CVB Release 3 Installation Doc
- CVB Release 3 Release Note
- CVB Release 3 Test Doc

CVB Release 4 Documents
- CVB Release 4 Architecture Doc
- CVB Release 4 Installation Doc
- CVB Release 4 Release Note
- CVB Release 4 Test Doc
- Release 4 Blog of Connected Vehicle Blueprint

CVB Release 5 Documents
- CVB Release 5 Architecture Doc
- CVB Release 5 Installation Doc
- CVB Release 5 Release Note
- CVB Release 5 Test Doc

CVB Source Code Analysis
- Maturity Review Certification of CVB
- Slide Deck

Team Members
- MEC-based Stable Topology Prediction for Vehicular Networks

Contributors

Events (South-Korea)
- 1. Akraino Fall Summit 2022

Guides (MEC-based)
- Jenkins Guide (MEC-based)
- Nexus Akraino Repository (MEC-based)

Implementation Plan

Project Introduction
- Components/Modules
- Presentation files
- Scenarios/Attributes
- V2X Communication

Questions/Suggestions

References

Release 5 - R5 (MEC-based)
- API Info Reporting - R5 (MEC-based)
- BluVal Certification - R5 (MEC-based)
- CD Logs - R5 (MEC-based)
- Documentation - R5 (MEC-based)
  - API Documentation - R5 (MEC-based)
  - Installation Documentation - R5 (MEC-based)
- Executive One Pager - R5 (MEC-based)
- Release Notes - R5 (MEC-based)
- Security Certification - R5 (MEC-based)
- TSC Subgroup Release Statuses - R5 (MEC-based)
- Upstream - R5 (MEC-based)

Release 6 - R6 (MEC-based)
- API Info Reporting - R6 (MEC-based)
- BluVal Certification - R6 (MEC-based)
- CD Logs - R6 (MEC-based)
- Documentation - R6 (MEC-based)
  - API Documentation - R6 (MEC-based)
  - Installation Documentation - R6 (MEC-based)
- Executive One Pager - R6 (MEC-based)
- Release Notes - R6 (MEC-based)
- Security Certification - R6 (MEC-based)
- TSC Subgroup Release Statuses - R6 (MEC-based)
- Upstream - R6 (MEC-based)

Relevant Blueprints/Projects

Server specifications

Task (todo/done)

CFN (Computing Force Network) Ubiquitous Computing Force Scheduling

Meeting Information
- Meeting Minutes 0810-2022
- Meeting Minutes 0818-2022
- Meeting Minutes 0825-2022
- Meeting Minutes 0901-2022
- Meeting Minutes 0908-2022
- Meeting Minutes 0915-2022
- Meeting Minutes 1013-2022
- Meeting Minutes 1027-2022
- Meeting Minutes 1103-2022
- Meeting Minutes 1117-2022
- Meeting Minutes 1201-2022
- Meeting Minutes 1229-2022
- Meeting Minutes 2023-0112
- Meeting Minutes 2023-0216
- Meeting Minutes 2023-0223
- Meeting Minutes 2023-0323
- Meeting Minutes 2023-0330
- Meeting Minutes 2023-0523
- Meeting Minutes 2023-0615
- Meeting Minutes 2023-0706
- Meeting Minutes 2023-0803
- Meeting Minutes 2023-0810
- Meeting Minutes 2023-0824
  - Release 7 Documentation
    - One pager for R7
    - Process of pushing log to nexus
    - R7 API Document
    - R7 Architecture Document
    - R7 Installation Document
    - R7 Release Notes
    - R7 Test Document
  - Release 8 Documentation
    - R8 Architecture Document
    - R8 Test Document
- CPS Robot Blueprint family
  - Robot basic architecture based on SSES
  - Robot basic architecture based on SSES : CI/CD
  - Robot basic architecture based on SSES : Project time line
  - Robot basic architecture based on SSES : Weekly Meeting Notes
  - Robot basic architecture based on SSES Release6 Documentation
    - Robot basic architecture based on SSES Architecture
    - Robot basic architecture based on SSES Installation Guide
    - Robot basic architecture based on SSES One Pager
    - Robot basic architecture based on SSES Release Notes
    - Robot basic architecture based on SSES Test Documentation
  - Robot basic architecture based on SSES Release7 Documentation
    - API document for release7
    - Architecture document for Release7
    - Installation Guide for release7
    - One pager for release7
    - Release Notes for release7
    - Test Document for release7
- Temporary working space
- Edge Service Enabling Platform
  - Design Notes
    - 2023 Service Design Tool Prototype Implementation
    - Edge Service Enabling Platform Blueprint Architecture
    - ESEP Weekly Meeting Notes
- Edge Video Processing
  - EVP: Architecture diagram
  - EVP: CI / CD
  - EVP: Project time line
  - EVP: Weekly Meeting Notes
- Integrated Cloud Native NFV/App stack family (Short term: ICN)
  - ICN
    - Binary Provisioning Agent (BPA) Operator Specs
    - Bluval - Blueprint Validation
      - Deploy ICN Bluval
      - Report 05/13/2020
      - Report 05/28/2020
    - BPA Software CR Specs
    - CI/CD with Jenkins
    - Cloud Storage
    - ICN Bootable ISO
    - ICN DCM
      - Cloud native Multi tenancy proposal(Deprecated)
    - ICN Edge-5G
    - ICN EdgeXFoundry in docker-compose
    - ICN KUD (Kubernetes Deployment)
      - ICN - KUd addons
        - Intel Device Plugins
          - QAT Device Plugin
          - SRIOV device plugin
        - Rook Ceph plugin
ICN Landing Applications
ICN Local Controller test cases
ICN Metal3 Baremetal Operator
ICN Nodus
- Nodus dual stack support
ICN OpenNESS
- OpenNESS 19.12 Integration
ICN R2 Timelines
ICN R3 Timeline
ICN R4 Timeline
ICN R5 Timeline
ICN - SDEWAN
- IPSec Design
- SDEWAN Central Controller
- SDEWAN CNF
- Sdewan CRD Controller
- SD-EWAN Scenarios
ICN Source Code Analysis
QAT enabling in Kubevirt
QAT enabling in Virtlet
RESTMUI API (Resource Provisioning Agent)
ICN-DAAS (Distributed AI Analytics Stack)
ICN Landing Application
ICN MICN R3 Release Data sheet
ICN R2 Release
- ICN API Document
- ICN Architecture Document
- ICN Installation Guide
- ICN Release Notes for ICN
- ICN Test Document
ICN R2 Release Data sheet
ICN R3 Release
- ICN R3 API Document
- ICN R3 Architecture Document
- ICN R3 Installation Guide
- ICN R3 Release Notes
- ICN R3 Test Document
ICN R4 Release
- ICN R4 API Document
- ICN R4 Architecture Document
- ICN R4 Installation Guide
- ICN R4 Release Notes
- ICN R4 Test Document
ICN R5 Release
- ICN R5 API Document
- ICN R5 Architecture Document
- ICN R5 Datasheet
- ICN R5 Installation Guide
- ICN R5 Release Notes
- ICN R5 Test Document
ICN R6 Release
- ICN R6 API Document
- ICN R6 Architecture Document
- ICN R6 Datasheet
- ICN R6 Installation Guide
- ICN R6 Release Notes
- ICN R6 Test Document
ICN Weekly meeting details
- Multi-Tenant Secure Cloud Native Platform
  - Architecture Document - Multi-tenant Secure Cloud Native Platform
  - Community Calls
- ICN-MTSCN R5 Release
  - ICN-MTSCN R5 API Document
  - ICN-MTSCN R5 Architecture Document
  - ICN-MTSCN R5 Datasheet
  - ICN-MTSCN R5 Installation Guide
  - ICN-MTSCN R5 Release Notes
  - ICN-MTSCN R5 Test Document
- R5 API Document - Multi-tenant secure cloud native platform
- R5 Test Document - Multi-tenant Secure Cloud Native Platform
ONAP profile for ICN
Private LTE/5G ICN Blueprint
- Private LTE/5G Landing Application
- Private LTE/5G R4 Release
- Private LTE/5G R5 Release
Integrated Edge Cloud (IEC) Blueprint Family
- IEC Blueprints Installation Overview
- IEC CI/CD
- IEC Demo Videos
IEC Engineering Plan
IEC Gerrit
IEC Gerrit and Code Repository Overview
IEC Hardware Requirement
IEC Internal Verification and Validation Lab Setup
IEC Jira
IEC mailing list
IEC Meetings
IEC Release 1 Documentation
- IEC API Document
- IEC Architecture Document
- IEC Installation Guide
- IEC Release Notes
- IEC Test Document
IEC Release 2 Documentation
- IEC Type1&2 Architecture Document for R2
- IEC Type1&2 Installation Guide for R2
- IEC Type1&2 Release Notes for R5
- IEC Type1&2 Test Document for R5
IEC Type 1 & 2 Landing Application
IEC Type1&2 Release 1 Milestone Certification
IEC Type 1 for Integrated Edge Cloud (IEC) Blueprint Family
IEC Type 1 Hardware Setup
IEC Type 2 for Integrated Edge Cloud (IEC) Blueprint Family
IEC Type 2 R6 Executive One Pager
IEC Type 2 Release 5 Documentation
- Blog of IEC Type 2 Release 5
- IEC Type 2 API Document for R5
- IEC Type 2 Architecture Document for R5
- IEC Type 2 Datasheet for R5
- IEC Type 2 Installation Guide for R5
- IEC Type 2 Release Notes for R5
- IEC Type 2 Test Document for R5
IEC Type 3: Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family
- IEC Type3 Source Code Analysis
- Landing Application of IEC Type 3: Android cloud native applications on Arm servers in edge for Integrated Edge Cloud (IEC) Blueprint Family
- Maturity Review Certification of Android Cloud
- Meetings of IEC Type 3: Android cloud native applications on Arm servers in edge
Release 3 Documentation for IEC Type 3: Android cloud native applications on Arm servers in edge
- R3 Architecture Document of IEC Type 3: Android cloud native applications on Arm servers in edge
- R3 Datasheet of IEC Type 3: Android cloud native applications on Arm servers in edge
- R3 Installation Document of IEC Type 3: Android cloud native applications on Arm servers in edge
- R3 Release Notes of IEC Type 3: Android cloud native applications on Arm servers in edge
- R3 Test Document of IEC Type 3: Android cloud native applications on Arm servers in edge
Release 4 Documentation for IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 4 Architecture Document of IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 4 Datasheet of IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 4 Installation Document of IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 4 Release Notes of IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 4 Test Document of IEC Type 3: Android cloud native applications on Arm servers in edge
Release 5 Documentation for IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 5 Architecture Document of IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 5 Datasheet of IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 5 Installation Document of IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 5 Release Notes of IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 5 Test Document of IEC Type 3: Android cloud native applications on Arm servers in edge
Release 6 Documentation for IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 6 Architecture Document of IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 6 Datasheet of IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 6 Installation Document of IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 6 Release Notes of IEC Type 3: Android cloud native applications on Arm servers in edge
- Release 6 Test Document of IEC Type 3: Android cloud native applications on Arm servers in edge
IEC Type 4: AR/VR oriented Edge Stack for Integrated Edge Cloud (IEC) Blueprint Family
- Core Review Certification of IEC Type 4 AR/VR Oriented Edge Stack
IEC Type 4 Meetings
- IEC Type 4 AR/VR Blueprint Minutes 2020.05.04
- IEC Type 4 AR/VR Blueprint Minutes 2020.05.12
- IEC Type 4 AR/VR Blueprint Minutes 2020.06.29
- IEC Type 4 AR/VR Blueprint Minutes 2020.07.07
- IEC Type 4 AR/VR Blueprint Minutes 2020.07.14
- IEC Type 4 AR/VR Blueprint Minutes 2020.08.11
- IEC Type 4 AR/VR Blueprint Minutes 2020.09.01
- IEC Type 4 AR/VR Blueprint Minutes 2020.09.08
- IEC Type 4 AR/VR Blueprint Minutes 2020.11.03
- IEC Type 4 AR/VR Blueprint Minutes 2021.01.05
- IEC Type 4 AR/VR Blueprint Minutes 2021.01.19
- IEC Type 4 AR/VR Blueprint Minutes 2021.03.16
- IEC Type 4 AR/VR Blueprint Minutes 2021.03.30
IEC Type 4 AR/VR Blueprint Minutes 2021.04.13
IEC Type 4 AR/VR Blueprint Minutes 2021.07.06
IEC Type 4 AR/VR Blueprint Minutes 2021.10.12
IEC Type 4 AR/VR Blueprint Minutes 2021.11.09

IEC Type 4 Validation Lab
Landing Application of IEC Type 4: AR/VR oriented Edge Stack for Integrated Edge Cloud (IEC) Blueprint Family
Maturity Review Certification of IEC Type 4 AR/VR Oriented Edge Stack

Release 2 Documentation
- Architecture Document
- Installation Document
- Release Note-Type 4
- Test Doc-Type 4

Release 3 Documentation
- R3 Architecture Document
- R3 Installation Document
- R3 Release Note-IEC Type 4
- R3 Test Doc-Type 4

Release 4 Documentation
- Release 4 API Document
- Release 4 Architecture Document
- Release 4 Blog of IEC Type 4 AR/VR Blueprint
- Release 4 Installation Document
- Release 4 Release Note-IEC Type 4
- Release 4 Test Doc-Type 4

Release 5 Documentation
- Release 5 API Document
- Release 5 Architecture Document
- Release 5 Blog of IEC Type 4 AR/VR Blueprint
- Release 5 Installation Document
- Release 5 Release Note-IEC Type 4
- Release 5 Test Doc-Type 4

Release 6 Documentation
- Release 6 API Document
- Release 6 Architecture Document
- Release 6 Blog of IEC Type 4 AR/VR Blueprint
- Release 6 Installation Document
- Release 6 Release Note-IEC Type 4
- Release 6 Test Doc-Type 4

Source Code Analysis IEC Type 4: AR/VR oriented Edge Stack for Integrated Edge Cloud (IEC) Blueprint Family

IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- Blogs of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- Landing Application of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- Maturity Review Certification of SmartNIC
- Meetings of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family

Release 3 Documentation for IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- R3 Architecture Document of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- R3 Installation Document of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- R3 Release Notes of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- R3 Test Document of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family

Release 4 Documentation for IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- R4 Architecture Document of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- R4 Installation Document of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- R4 Release Notes of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- R4 Test Document of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family

Release 5 Documentation for IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- R5 Architecture Document of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- R5 Installation Document of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- R5 Release Notes of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family
- R5 Test Document of IEC Type 5: SmartNIC for Integrated Edge Cloud (IEC) Blueprint Family

Release 6 Documentation for IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family
- R6 API Document of IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family
- R6 Architecture Document of IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family
- R6 Datasheet Document of IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family
- R6 Installation Document of IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family
- R6 Release Notes of IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family
- R6 Test Document of IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family

Release 7 Documentation for IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family
- Release 7 Documentation for IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint FamilyR7 API Document of IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family
- Release 7 Documentation for IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint FamilyR7 Architecture Document of IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family
- Release 7 Documentation for IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint FamilyR7 Datasheet Document of IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family
- Release 7 Documentation for IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint FamilyR7 Installation Document of IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family
- Release 7 Documentation for IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint FamilyR7 Release Notes of IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family
- Release 7 Documentation for IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family
- R7 Test Document of IEC Type 5: Composable Integrated Edge Cloud (IEC) Server Blueprint Family
  - SmartNIC Gerrit and Source Code
  - IEC Validation Lab
  - Integrated Edge Cloud Type 1 and Type 2 Maturity Review Certification

- IoT Area
  - 5G Personal IoT Network(s) (PINs) and oneM2M IoT Service Layer (SL) Platform
    - 3GPP 5G HMTC (High Performance Machine Type Communication) SST (Service Slice Type)
    - 3GPP 5G IoT-PCS (Platform Common Services)
    - oneM2M Cloud Vendor Independent and ETSI MEC support
    - oneM2M IoT SL and AI/ML use
    - oneM2M IoT SL and CIM NGSI-LD (Context Information Management Next Generation Service Interface - Linked Data)
    - oneM2M IoT SL Architecture
    - oneM2M IoT SL Common Service Functions (CSFs) (applied to all IoT Domains: SAREF IoT UCs (Use Cases)
    - oneM2M IoT SL pre-integrated with 5G (3GPP) Specifications for IoT & SCEF/NEF
    - oneM2M IoT SL Release Roadmap
    - oneM2M Semantic enablement and ASD (Advanced Semantic Discovery) for (AE) "Resources"
    - oneM2M Test Suite Structure (TSS) and Test Purposes
    - oneM2M Use Cases (UCs) and SAREF (Smart Applications REFerence) Ontology
  - 3GPP 5G HMTC (High Performance Machine Type Communication) SST (Service Slice Type)

- ELIOT: Edge Lightweight and IoT Blueprint Family
  - Akraino Goa Event
  - ELIOT Blueprints
    - ELIOT ALoT in Smart Office Blueprint
    - ELIOT IoT Gateway Blueprint
    - ELIOT SD-WAN/WAN Edge/uCPE Blueprint
  - ELIOT Blueprints Installation Overview
  - ELIOT CI/CD
  - ELIOT Documentation
    - Portal Documentation
  - ELIOT Gerrit
  - ELIOT Gerrit and Code repo
  - ELIOT Jira
  - ELIOT Landing Application
  - ELIOT Release 1 Documentation
    - ELIOT Architecture Document
    - ELIOT Installation Guide
    - ELIOT Release Notes
    - ELIOT Self Certification for Release 1
    - ELIOT Test Document
  - ELIOT Release 2 Documentation
    - ELIOT Blueprint Recommended Features Installation Documentation (Optional)
      - ELIOT Release 2 - ELIOT Operation & Management Features Installation Document (Optional)
      - ELIOT Tailored OS Creation Document
    - ELIOT Blueprints Features, Ideas and Proposals
      - ELIOT CLI (Command Line Interface) Installation Feature
    - ELIOT IoT Gateway Blueprint Documentation
      - ELIOT Release 2 - IoT Gateway Architecture Document
      - ELIOT Release 2 - IoT Gateway Data Sheet
      - ELIOT Release 2 - IoT Gateway Installation Guide
      - ELIOT Release 2 - IoT Gateway Release Notes
      - ELIOT Release 2 - IoT Gateway Test Document
    - ELIOT SD-WAN/WAN Edge/uCPE Blueprint Documentation
      - ELIOT Release 2 - SD-WAN / WAN Edge / uCPE Architecture Document
      - ELIOT Release 2 - SD-WAN / WAN Edge / uCPE Installation Guide
      - ELIOT Release 2 - SD-WAN / WAN Edge / uCPE Release Notes
      - ELIOT Release 2 - SD-WAN / WAN Edge / uCPE Test Document
      - ELIOT Release 2 - uCPE Data Sheet
  - ELIOT Release 3 Documentation
    - ELIOT R3 IoT Gateway Blueprint Documentation
      - ELIOT R3 - IoT Gateway Architecture Document
      - ELIOT R3 IoT-Gateway Datasheet
      - ELIOT R3 - IoT Gateway Installation Guide
      - ELIOT R3 - IoT Gateway Release Notes
      - ELIOT R3 - IoT Gateway Test Document
    - ELIOT R3 SD-WAN/WAN Edge/uCPE Blueprint Documentation
      - ELIOT R3 - SD-WAN / WAN Edge / uCPE Architecture Document
      - ELIOT R3 - SD-WAN / WAN Edge / uCPE Installation Guide
      - ELIOT R3 - SD-WAN / WAN Edge / uCPE Release Notes
      - ELIOT R3 - SD-WAN / WAN Edge / uCPE Test Document
      - ELIOT R3 uCPE Datasheet
  - ELIOT Release 4 Documentation
    - ELIOT R4 IoT Gateway Blueprint Documentation
      - ELIOT R4 IOGT Gateway API documentation
      - ELIOT R4 - IoT Gateway Architecture Document
      - ELIOT R4 IoT-Gateway Datasheet
      - ELIOT R4 - IoT Gateway Installation Guide
      - ELIOT R4 - IoT Gateway Release Notes
      - ELIOT R4 - IoT Gateway Test Document
- ELIOT R4 SD-WAN/WAN Edge/ uCPE Blueprint Documentation
  - ELIOT R4 - SD-WAN / WAN Edge / uCPE Architecture Document
  - ELIOT R4 - SD-WAN / WAN Edge / uCPE Data Sheet
  - ELIOT R4 - SD-WAN / WAN Edge / uCPE Installation Guide
  - ELIOT R4 - SD-WAN/ WAN Edge / uCPE Release Notes
  - ELIOT R4 - SD-WAN / WAN Edge / uCPE Test Document

  - ELIOT Release 5 Documentation
    - ELIOT R5 IoT Gateway Blueprint Documentation
      - ELIOT 5.1 release installation guide
      - ELIOT R5 IOTGateway API documentation
      - ELIOT R5 - IoT Gateway Architecture Document
      - ELIOT R5 IOT-Gateway Datasheet
      - ELIOT R5 - IoT Gateway Installation Guide
      - ELIOT R5 - IoT Gateway Release Notes
      - ELIOT R5 - IoT Gateway Test Document

  - ELIOT R5 SD-WAN/WAN Edge/ uCPE Blueprint Documentation
    - ELIOT R5 - SD-WAN / WAN Edge / uCPE Architecture Document
    - ELIOT R5 - SD-WAN / WAN Edge / uCPE Data Sheet
    - ELIOT R5 - SD-WAN / WAN Edge / uCPE Installation Guide
    - ELIOT R5 - SD-WAN/ WAN Edge / uCPE Release Notes
    - ELIOT R5 - SD-WAN / WAN Edge / uCPE Test Document

  - ELIOT Release 6 Documentation
    - ELIOT R6 IoT Gateway Blueprint Documentation
      - ELIOT R6 IOTGateway API documentation
      - ELIOT R6 - IoT Gateway Architecture Document
      - ELIOT R6 IoT-Gateway Datasheet
      - ELIOT R6 - IoT Gateway Installation Guide
      - ELIOT R6 - IoT Gateway Release Notes
      - ELIOT R6 - IoT Gateway Test Document

  - ELIOT R6 SD-WAN/WAN Edge/ uCPE Blueprint Documentation
    - ELIOT R6 - SD-WAN / WAN Edge / uCPE Architecture Document
    - ELIOT R6 - SD-WAN / WAN Edge / uCPE Data Sheet
    - ELIOT R6 - SD-WAN / WAN Edge / uCPE Installation Guide
    - ELIOT R6 - SD-WAN/ WAN Edge / uCPE Release Notes
    - ELIOT R6 - SD-WAN / WAN Edge / uCPE Test Document

- ELIOT Validation Lab Setup
- ELIOT Weekly Meeting
- Events
  - Akraino F2F 2020
- ONS NA 2019 - ELIOT Demo
- Release 4
- Release 5

- IIoT at the Smart Device Edge (family)
  - Predictive Maintenance (with a Thermal Imaging Camera, vibration sensors, etc.)
    - IIoT Predictive Maintenance API/CLI
    - IIoT Predictive Maintenance Architecture Document
    - IIoT Predictive Maintenance Installation Guide
    - IIoT Predictive Maintenance Landing Applications
    - IIoT Predictive Maintenance Release Notes
    - IIoT Predictive Maintenance Source Code Analysis
    - IIoT Predictive Maintenance Test
      - Meetings of Predictive Maintenance (with a Thermal Imaging Camera, vibration sensors, etc.)
        - 2020.10.16 Predictive Maintenance (with a Thermal Imaging Camera, vibration sensors, etc.) Meeting Minutes
        - 2020.10.23 Predictive Maintenance (with a Thermal Imaging Camera, vibration sensors, etc.) Meeting Minutes
        - 2020.10.30 Predictive Maintenance (with a Thermal Imaging Camera, vibration sensors, etc.) Meeting Minutes
        - 2020.11.06 Predictive Maintenance (with a Thermal Imaging Camera, vibration sensors, etc.) Meeting Minutes
        - 2020.11.13 Predictive Maintenance (with a Thermal Imaging Camera, vibration sensors, etc.) Meeting Minutes
        - 2020.11.20 Predictive Maintenance (with a Thermal Imaging Camera, vibration sensors, etc.) Meeting Minutes
        - 2020.12.04 Predictive Maintenance (with a Thermal Imaging Camera, vibration sensors, etc.) Meeting Minutes
        - 2020.12.11 Predictive Maintenance (with a Thermal Imaging Camera, vibration sensors, etc.) Meeting Minutes
        - 2020.12.17 Predictive Maintenance (with a Thermal Imaging Camera, vibration sensors, etc.) Meeting Minutes

- Project Cassini - IoT and Infrastructure Edge Blueprint Family
  - Blogs of Project Cassini - IoT and Infrastructure Edge Blueprint Family
  - Cassini Meetings
    - Cassini Minutes 2021.03.16
    - Cassini Minutes 2021.03.26
    - Cassini Minutes 2021.04.16
    - Cassini Minutes 2021.04.22
    - Cassini Minutes 2021.04.29
    - Cassini Minutes 2021.05.06
    - Cassini Minutes 2021.05.14
    - Cassini Minutes 2021.05.27
    - Cassini Minutes 2021.06.24
    - Cassini Minutes 2021.07.01
    - Cassini Minutes 2021.07.08
    - Cassini Minutes 2021.08.05
    - Cassini Minutes 2021.10.07
    - Cassini Minutes 2021.12.17
    - Cassini Minutes 2021.12.31
• Cassini Minutes 2022.01.07
• Cassini Minutes 2022.01.21
• Cassini Minutes 2022.01.28
• Cassini Minutes 2022.04.01

  • Smart Cities
    • Maturity Review Certification of Smart Cities
    • Smart Cities R5 API Info Reporting
    • Smart Cities R5 CD Logs
    • Smart Cities R5 Documentation
      ◦ Smart Cities R5 API Document
      ◦ Smart Cities R5 Architecture
      ◦ Smart Cities R5 Release Notes
      ◦ Smart Cities R5 Test
      ◦ Smart Cities R5 Installation Guide
    • Smart Cities R5 Executive One Pager
    • Smart Cities R5 Security Certification
    • Smart Cities R5 Upstream
    • Smart Cities R6 API Info Reporting
    • Smart Cities R6 BluVal Certification
    • Smart Cities R6 CD Logs
    • Smart Cities R6 Documentation
      ◦ Smart Cities R6 API Document
      ◦ Smart Cities R6 Architecture
      ◦ Smart Cities R6 Release Notes
      ◦ Smart Cities R6 Test
      ◦ Smart Cities R6 Installation Guide
    • Smart Cities R6 Executive One Pager
    • Smart Cities R6 Security Certification
    • Smart Cities R6 Upstream

  • Software Defined Camera (SDC)
    • SDC R6 API Info Reporting
    • SDC R6 CD Logs
    • SDC R6 Documentation
      ◦ SDC R6 API Document
      ◦ SDC R6 Architecture
      ◦ SDC R6 Release Notes
      ◦ SDC R6 Test

  • KubeEdge Edge Service Blueprint
    ◦ KubeEdge AI Proposal
      • Dataset and Model
      • Federated Learning
      • Incremental Learning
      • Joint Inference
      • KubeEdge AI
    ◦ KubeEdge BP Documentation
      • ASR Offloading Demo
      • KubeEdge BP API Documents
      • KubeEdge BP Architecture Documents
      • KubeEdge BP Installation Guide
      • KubeEdge BP Release Notes
      • KubeEdge BP Test Documents
    ◦ KubeEdge Edge Service Blueprint Release 4 datasheet
    ◦ KubeEdge BP Landing Applications
    ◦ KubeEdge BP Source Code Analysis
    ◦ KubeEdge BP Weekly Meeting
      • Meeting Notes, Oct, Nov 2020
      • Meeting Notes August 2020
      • Meeting Notes May, June, July 2020
      • Meeting Notes September 2020
    ◦ KubeEdge File Archive
    ◦ Release 4 planning and tracking

  • Kubernetes-Native Infrastructure (KNI) Blueprint Family
    ◦ KNI Blueprints
      • Industrial Edge (IE) Blueprint
        ◦ KNI IE Architecture document
        ◦ KNI IE Installation Guide
        ◦ KNI IE Landing Application
        ◦ KNI IE Release 4
          ◦ KNI IE Release 4 Notes
          ◦ KNI IE Source Code Analysis
          ◦ KNI IE Test document
      • Provider Access Edge (PAE) Blueprint
        ◦ KNI PAE Architecture document
        ◦ KNI PAE Installation Guide
        ◦ KNI PAE Landing Applications
        ◦ KNI PAE Release 1
          ◦ KNI PAE Release 1 Self-Certification
KNI PAE Release Notes

KNI PAE Release 2

KNI PAE Release 3

KNI PAE Release 4

KNI PAE Release 4 Notes

KNI PAE Source Code Analysis

KNI PAE Test Document

KNI Documentation

* Developer Documentation
* User Documentation

KNI Team & Logistics

* User manual update

Metaverse Area

* Buffer at the Edge
* Project Overview Presentation

The AI Edge Blueprint Family

* Edge AI Virtual Agents
* IBL Skills Platform - Engineer Education
* Predictive Maintenance of Hardware
* Sustainability and natural environment protection blueprint

The AI Edge: Federated ML application at edge

* Blogs of The AI Edge: Federated ML application at edge
* BluVal Certification of The AI Edge: Federated ML application at edge
* CD Logs of The AI Edge: Federated ML application at edge
* Executive One Pager of The AI Edge: Federated ML application at edge
* Federated ML application at edge Release 4 Documentation
  * Federated ML application at edge R4 API Document
  * Federated ML application at edge R4 Architecture Document
  * Federated ML application at edge R4 Datasheet
  * Federated ML application at edge R4 Installation Document
  * Federated ML application at edge R4 Release Notes
  * Federated ML application at edge R4 Test Document

* Landing Applications of The AI Edge: Federated ML application at edge
* Maturity Review Certification of Federated ML Application At Edge Blueprint

* R5 Federated ML application at edge Documentation
  * R5 Federated ML application at edge API Document
  * R5 Federated ML application at edge Architecture Document
  * R5 Federated ML application at edge Datasheet
  * R5 Federated ML application at edge Installation Document
  * R5 Federated ML application at edge Release Notes
  * R5 Federated ML application at edge Test Document

* R6 Federated ML application at edge Documentation
  * R6 Federated ML application at edge API Document
  * R6 Federated ML application at edge Architecture Document
  * R6 Federated ML application at edge Datasheet
  * R6 Federated ML application at edge Installation Document
  * R6 Federated ML application at edge Release Notes
  * R6 Federated ML application at edge Test Document

* Security Certification of The AI Edge: Federated ML application at edge
* Source Code Analysis of The AI Edge: Federated ML application at edge

* The AI Edge: Intelligent Vehicle-Infrastructure Cooperation System(I-VICS)
* Blogs of The AI Edge: I-VICS
* CD Logs of The AI Edge: I-VICS
* Executive One Pager of The AI Edge: Intelligent Vehicle-Infrastructure Cooperation System(I-VICS)
* I-VICS at edge Release 4 Documentation
  * I-VICS R4 API Document
  * I-VICS R4 Architecture Document
  * I-VICS R4 Installation Document
  * I-VICS R4 Release Notes
  * I-VICS R4 Test Document

* I-VICS at edge Release 5 Documentation
  * I-VICS R5 API Document
  * I-VICS R5 Architecture Document
  * I-VICS R5 Installation Document
  * I-VICS R5 Release Notes
  * I-VICS R5 Test Document

* Landing Application of The AI Edge: Intelligent Vehicle-Infrastructure Cooperation System(I-VICS)
* Maturity Review Certification of I-VICS
* Source Code Analysis of The AI Edge: I-VICS

* The AI Edge: School/Education Video Security Monitoring
* Landing Application of The AI Edge: School/Education Video Security Monitoring
* Maturity Review Certification of Video Security Monitoring Blueprint
* Meetings of School/Education Video Security Monitoring
  * School/Education Video Security Monitoring 2020.07.03
  * School/Education Video Security Monitoring 2020.07.10
  * School/Education Video Security Monitoring Minutes 2020.07.17
• Presentation Videos
• Source Code Analysis of The AI Edge: School/Education Video Security Monitoring
• Video Security Monitoring Release 3 Documentation
  ◦ Video Security Monitoring R3 API Document
  ◦ Video Security Monitoring R3 Architecture Document
  ◦ Video Security Monitoring R3 Installation Document
  ◦ Video Security Monitoring R3 Release Notes
  ◦ Video Security Monitoring R3 Test Document
• Video Security Monitoring Release 4 Documentation
  ◦ Video Security Monitoring R4 API Document
  ◦ Video Security Monitoring R4 Architecture Document
  ◦ Video Security Monitoring R4 Installation Document
  ◦ Video Security Monitoring R4 Release Notes
  ◦ Video Security Monitoring R4 Test Document
  ◦ Video Security Monitoring R4 TSC Presentation
• Video Security Monitoring Release 5 Documentation
  ◦ Video Security Monitoring R5 API Document
  ◦ Video Security Monitoring R5 Architecture Document
  ◦ Video Security Monitoring R5 Installation Document
  ◦ Video Security Monitoring R5 Release Notes
  ◦ Video Security Monitoring R5 Test Document
  ◦ Video Security Monitoring R5 TSC Presentation
• Video Security Monitoring Release 6 Documentation
  ◦ Video Security Monitoring R6 API Document
  ◦ Video Security Monitoring R6 Architecture Document
  ◦ Video Security Monitoring R6 Datasheet
  ◦ Video Security Monitoring R6 Installation Document
  ◦ Video Security Monitoring R6 Release Notes
  ◦ Video Security Monitoring R6 Test Document
  ◦ The AI Edge Blueprint Family Meetings
    ◦ The AI Edge Minutes 2020.04.16
    ◦ The AI Edge Minutes 2020.04.30
    ◦ The AI Edge Minutes 2020.06.05
    ◦ The AI Edge Minutes 2020.06.12
    ◦ The AI Edge Minutes 2020.07.03
    ◦ The AI Edge Minutes 2020.07.10
    ◦ The AI Edge Minutes 2020.07.17
    ◦ The AI Edge Minutes 2020.08.13
    ◦ The AI Edge Minutes 2020.08.27
    ◦ The AI Edge Minutes 2020.09.04
    ◦ The AI Edge Minutes 2020.09.11
    ◦ The AI Edge Minutes 2020.09.18
    ◦ The AI Edge Minutes 2020.10.08
    ◦ The AI Edge Minutes 2020.11.20
    ◦ The AI Edge Minutes 2021.10.28
    ◦ The AI Edge Minutes 2021.11.25
    ◦ The AI Edge Minutes 2021.12.4.
    ◦ The AI Edge Minutes 2021.3.4.
    ◦ The AI Edge Minutes 2021.5.6
    ◦ The AI Edge Minutes 2021.6.17
    ◦ The AI Edge Minutes 2021.6.24
    ◦ The AI Edge Minutes 2021.6.3
    ◦ The AI Edge Minutes 2021.7.1
    ◦ The AI Edge Minutes 2021.7.15
    ◦ The AI Edge Minutes 2021.7.22
    ◦ The AI Edge Minutes 2021.7.30
    ◦ The AI Edge Minutes 2021.7.8
    ◦ The AI Edge Minutes 2021.8.5
    ◦ The AI Edge Minutes 2022.12.15
    ◦ The AI Edge Minutes 2023.02.09
• MicroMEC
  ◦ µMEC - Akraino Release 4 Plans
  ◦ µMEC Architecture
  ◦ µMEC in 2019 and plan for 2020
  ◦ µMEC meeting notes
  ◦ µMEC testing
  ◦ Akraino MEC Hackathon
  ◦ API documentation
  ◦ MicroMEC Installation
    ◦ MicroMEC netboot
    ◦ RPI 3B+ iscsi how-to
    ◦ RPI 4B iscsi how-to
  ◦ MicroMEC Lab Requirements
  ◦ Release Notes for the MicroMEC Blueprint Release 3
• Network Cloud Blueprint Family
  ◦ NC Family Documentation - Release 1
    ◦ Network Cloud Architecture
  ◦ Deployment Process Architecture
  ◦ Network Architecture
• Nodal Architecture
• Overview
• Site Specific Data Templates
• Software Architecture

R1 API Documentation

R1 Installation Guides
• Build Server Configuration
• Deployment Overview
• Deployment Walk-Throughs and Troubleshooting
  ◦ Deployment Troubleshooting
  ◦ Deployment Walk-Throughs
• Regional Controller Deployment
  ◦ Installing a RC on a Bare Metal Server
    ■ Example Configuration Input File - Regional Control on Dell 740XD Server
    ■ Installing a RC on a Virtual Machine
• Rover Deployment
  ◦ Example Configuration Input File - Rover Pods on Dell 740XD Servers
  ◦ Example Configuration Input File - Rover Pods on HP DL380 Gen10 Servers
• Unicycle Deployment
  ◦ Example Configuration Input File - Unicycle Pods with OVS-DPDK Dataplane on Dell 740XD Servers
  ◦ Example Configuration Input File - Unicycle Pods with SR-IOV Dataplane on Dell 740XD Servers
  ◦ Example Configuration Input File - Unicycle Pods with SR-IOV Dataplane on HP DL380 Gen10 servers

R1 Network Cloud Blueprints
• Rover Blueprint
• Unicycle with OVS-DPDK Blueprint
• Unicycle with SR-IOV Blueprint

R1 Release Notes

Validation Labs
• ATT Validation Labs
  ◦ ATT Rover Validation HW, Networking and IP plan
  ◦ ATT Unicycle SR-IOV Validation HW, Networking and IP plan
• Ericsson Validation Labs
  ◦ Ericsson Rover Validation HW, Networking and IP plan
  ◦ Ericsson Unicycle OVS-DPDK Validation HW, Networking and IP plan
  ◦ Ericsson Unicycle SR-IOV Validation HW, Networking and IP plan

NC Family Documentation - Release 2
• Network Cloud Rover and Unicycle with SR-IOV / OVS-DPDK dataplanes
  ◦ R2 API Documentation
  ◦ R2 Architecture
  ◦ R2 Installation Guides
    ◦ R2 Example Configuration Input Files - Unicycle Pods with OVS-DPDK Dataplane on Dell 740XD Servers
    ◦ R2 Example Configuration Input File - Unicycle Pods with SR-IOV Dataplane on Dell 740XD Servers
  ◦ R2 Release Notes
  ◦ R2 Test Document
  ◦ R2 Validated Blueprints
    ◦ R2 Rover Blueprint
    ◦ R2 Unicycle with OVS-DPDK Blueprint
    ◦ R2 Unicycle with SR-IOV Blueprint
  ◦ R2 Validation Labs

NC Family Documentation - Release 3
• NC with Tungsten Fabric

NC Family Documentation - Release 4
• Network Cloud Archive

Network Cloud Family Overview
• Automated Testing
• CI & CD Process
• Glossary
• Network Cloud Family Blueprints Installation Overview
  ◦ Install Guide - Akraino Edge Stack Network Cloud Blueprint - Rover
  ◦ Install Guide - Akraino Edge Stack Network Cloud Blueprint - Unicycle
  ◦ Install Guide - Regional Controller Node - Akraino Edge Stack Network Cloud Blueprint Family
• Network Cloud Family - Reference Architecture
• Network Cloud Family Seed Code
• Network Cloud Family Workflow Process

Network Cloud Projects
• Monthly Meeting Notes for Unicycle/Rover/OVS-DPDK

Network Cloud and TF Integration Project
• NC-TF-Blueprint Landing Application
• NC-TF-Blueprint-Proposal - Network Cloud and TF Integration
• NC with Tungsten Fabric Documentation
  ◦ Architecture
  ◦ Blueprint Data Sheet
  ◦ Installation
    ◦ Automatic deployment with ansible
  ◦ Release
  ◦ Testing (TungstenFabric)
  ◦ The APIs

OVS-DPDK Unicycle Blueprint Project
• OVS-DPDK Unicycle - Akraino Dependencies
- OVS-DPDK Unicycle Documentation
  - API Document
  - Architecture Summary
  - Installation Guide
  - Release Notes
  - Test Specification
- OVS-DPDK Unicycle - Gerrit
- OVS-DPDK Unicycle - JIRA
- OVS-DPDK Unicycle - Mailing List
- OVS-DPDK Unicycle - Meetings
- OVS-DPDK Unicycle - Validation Lab
  - Integration of Peer Jenkins with LF master Jenkins
  - Peer Jenkins Setup Guide
- Rover Project
  - Rover Weekly Meeting Notes
- Serverless Project
- Unicycle with SR-IOV Project
- OpenMined PipelineDP
- Public Cloud Edge Interface (PCEI) Blueprint Family
  - Anthos Blueprint of Public Cloud Edge Interface (PCEI) Blueprint Family
  - Blogs of Federated Multi-Access Edge Cloud Platform
  - Edge Computing Machine (ECM) Blueprint of Public Cloud Edge Interface (PCEI) Blueprint Family
  - Federated Multi-Access Edge Cloud Platform
- Release 5 BP Documentation
  - RS API Document
  - RS Architecture Document
  - RS Datasheet
  - RS End-to-End Validation Guide
  - RS Federated MEC Platform BP Blog
  - RS Installation Guide
  - RS Release Notes
  - RS Test Document
- PCEI Blueprint Meetings
  - Blueprint Minutes 2021.09.08
  - PCEI Blueprint Minutes 2020.05.07
  - PCEI Blueprint Minutes 2020.05.13
  - PCEI Blueprint Minutes 2020.05.20
  - PCEI Blueprint Minutes 2020.05.27
  - PCEI Blueprint Minutes 2020.06.03
  - PCEI Blueprint Minutes 2020.06.10
  - PCEI Blueprint Minutes 2020.06.17
  - PCEI Blueprint Minutes 2020.06.24
  - PCEI Blueprint Minutes 2020.07.01
  - PCEI Blueprint Minutes 2020.07.08
  - PCEI Blueprint Minutes 2020.07.15
  - PCEI Blueprint Minutes 2020.07.22
  - PCEI Blueprint Minutes 2020.07.29
  - PCEI Blueprint Minutes 2020.08.05
  - PCEI Blueprint Minutes 2020.08.12
  - PCEI Blueprint Minutes 2020.08.19
  - PCEI Blueprint Minutes 2020.08.26
  - PCEI Blueprint Minutes 2020.09.02
  - PCEI Blueprint Minutes 2020.09.09
  - PCEI Blueprint Minutes 2020.09.16
  - PCEI Blueprint Minutes 2020.09.30
  - PCEI Blueprint Minutes 2020.10.07
  - PCEI Blueprint Minutes 2020.10.14
  - PCEI Blueprint Minutes 2020.10.21
  - PCEI Blueprint Minutes 2020.10.28
  - PCEI Blueprint Minutes 2020.11.04
  - PCEI Blueprint Minutes 2020.11.11
  - PCEI Blueprint Minutes 2020.11.18
  - PCEI Blueprint Minutes 2020.12.02
  - PCEI Blueprint Minutes 2020.12.09
  - PCEI Blueprint Minutes 2020.12.16
  - PCEI Blueprint Minutes 2021.01.06
  - PCEI Blueprint Minutes 2021.01.13
  - PCEI Blueprint Minutes 2021.01.20
  - PCEI Blueprint Minutes 2021.01.27
  - PCEI Blueprint Minutes 2021.02.03
  - PCEI Blueprint Minutes 2021.02.10
  - PCEI Blueprint Minutes 2021.02.17
  - PCEI Blueprint Minutes 2021.02.24
  - PCEI Blueprint Minutes 2021.03.10
  - PCEI Blueprint Minutes 2021.03.17
  - PCEI Blueprint Minutes 2021.03.24
  - PCEI Blueprint Minutes 2021.03.31
  - PCEI Blueprint Minutes 2021.04.07
  - PCEI Blueprint Minutes 2021.04.14
- PCEI R5 End-to-end Validation Guide
- PCEI R5 Installation Guide
- PCEI R5 Release Notes
- PCEI R5 Test Document
- PCEI R5 TSC Review
- PCEI Release 5 Blog

- PCEI Release 6 Documentation
  - PCEI R6 API Document
  - PCEI R6 Architecture Document
  - PCEI R6 Datasheet
  - PCEI R6 End-to-end Validation Guide
  - PCEI R6 Installation Guide
  - PCEI R6 Release Notes
  - PCEI R6 Test Document
  - PCEI R6 TSC Review
  - PCEI Release 6 Blog

- PCEI Release 7 Documentation
  - Open Network and Edge Summit materials
  - PCEI R7 API Document
  - PCEI R7 Architecture Document
  - PCEI R7 Datasheet
  - PCEI R7 End-to-end Validation Guide
  - PCEI R7 Installation Guide
  - PCEI R7 Release Notes
  - PCEI R7 Test Document
  - PCEI R7 TSC Review
  - PCEI Release 7 Blog

- PCEI Release Notes
- PCEI Test Document
- PCEI Validation Lab
- PCEI Use Case Development
  - PCEI Engineering Plan
  - PCEI Landing Application
  - PCEI Source Code Analysis

- Smart Data Transaction for CPS
  - Smart Data Transaction for CPS: Architecture diagram
  - Smart Data Transaction for CPS: CI/CD
  - Smart Data Transaction for CPS: Project timeline
  - Smart Data Transaction for CPS: Weekly Meeting Notes
  - Smart Data Transaction for CPS Release 6 Documentation
    - Smart Data Transaction for CPS Blueprint Architecture
    - Smart Data Transaction for CPS Datasheet
    - Smart Data Transaction for CPS Installation Guide
    - Smart Data Transaction for CPS Release Notes
    - Smart Data Transaction for CPS Test Documentation
  - Smart Data Transaction for CPS Release 7 Documentation
    - Smart Data Transaction for CPS R7 API Documentation
    - Smart Data Transaction for CPS R7 Blueprint Architecture
    - Smart Data Transaction for CPS R7 Datasheet
    - Smart Data Transaction for CPS R7 Installation Guide
    - Smart Data Transaction for CPS R7 Release Notes
    - Smart Data Transaction for CPS R7 Test Documentation

- StarlingX Far Edge Distributed Cloud
  - StarlingX Far Edge Distributed Cloud Documentation
    - StarlingX Far Edge Distributed Cloud API Documentation
    - StarlingX Far Edge Distributed Cloud Architecture Documentation
    - StarlingX Far Edge Distributed Cloud Installation Guide
    - StarlingX Far Edge Distributed Cloud Release Notes
    - StarlingX Far Edge Distributed Cloud Test Documentation

- Tami COVID-19 Blueprint Family
  - Rural Edge blueprint for Tami COVID-19 Blueprint Family
    - Meeting Minutes

- Telco Appliance Blueprint Family
  - Radio Edge Cloud (REC)
    - Objective and Context of REC Blueprint
    - Porting REC on aarch64
      - REC images
    - Radio Edge Cloud (REC) Team Membership
    - Radio Edge Cloud (REC) Use Case Details
    - Radio Edge Cloud Documentation
      - REC API Document
      - DANM Schema — The network manager for Radio Edge Cloud is DANM and it is used in typical Kubernetes fashion by creating YAML files to describe the desired resources. The DANM schema https://github.com/nokia/danm/tree/master/schema is extensively commented so deployers are encouraged to read them in order to learn what attributes are available and how to construct them.

- REC Architecture Document
  - Radio Edge Cloud Developer Documentation
    - CM-Plugins
- CPU Pooler — CPU Pooler for Kubernetes is a solution for Kubernetes to manage predefined, optimized, and isolated CPU pools in Kubernetes nodes.
- DANM - TelCo grade K8s network manager — In order to provide multiple network interfaces per Kubernetes pod as well as to support a variety of different network interface types, REC uses DANM as the primary K8s network manager component.
- Gerrit Code Repository Overview — The code for Radio Edge Cloud is primarily derived from the Telco Appliance Blueprint Family and is stored in Gerrit under the "ta" prefix https://gerrit.akraino.org/r/#/admin/projects/?filter=ta%252F. As with most Linux Foundation projects TA and REC follow the typical usage patterns of the Gerrit code review tool for cloning repos and pushing changes with the "git review" command. The information below provides a detailed overview of the structure of the repositories. The function of the Conti
- How to Build a REC or Telco Appliance ISO
- Workload performance management and elasticity

- Radio Edge Cloud Hardware
- REC Installation Guide
- REC Release Notes
  - Radio Edge Cloud Release 1 — Overview
  - Radio Edge Cloud Release 2
  - Radio Edge Cloud Release 3
  - Radio Edge Cloud Release 4
- REC Test Document
  - Radio Edge Cloud Validation Lab
  - Radio Edge Cloud Validation Lab (ARM64)

- Radio Edge Cloud Project Meetings
  - REC Project Minutes 2019.03.12
  - REC Project Minutes 2019.03.19
  - REC Project Minutes 2019.03.26
  - REC Project Minutes 2019.04.02
  - REC Project Minutes 2019.04.09
  - REC Project Minutes 2019.04.18
  - REC Project Minutes 2019.05.02
  - REC Project Minutes 2019.05.23
  - REC Project Minutes 2019.05.30
  - REC Project Minutes 2019.06.06
  - REC Project Minutes 2019.06.13
  - REC Project Minutes 2019.06.20
  - REC Project Minutes 2019.06.27
  - REC Project Minutes 2019.07.11
  - REC Project Minutes 2019.07.18
  - REC Project Minutes 2019.07.25
  - REC Project Minutes 2019.08.15
  - REC Project Minutes 2019.08.22
  - REC Project Minutes 2019.08.29
  - REC Project Minutes 2019.09.05
  - REC Project Minutes 2019.09.12
  - REC Project Minutes 2019.09.19
  - REC Project Minutes 2019.09.26
  - REC Project Minutes 2019.10.03
  - REC Project Minutes 2019.10.10
  - REC Project Minutes 2019.10.17
  - REC Project Minutes 2019.10.24
  - REC Project Minutes 2019.10.31
  - REC Project Minutes 2019.11.07
  - REC Project Minutes 2019.11.14
  - REC Project Minutes 2019.11.21
  - REC Project Minutes 2019.12.05
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  - REC Project Minutes 2020.01.02
  - REC Project Minutes 2020.01.09
  - REC Project Minutes 2020.01.16
  - REC Project Minutes 2020.01.23
  - REC Project Minutes 2020.01.30
  - REC Project Minutes 2020.02.06
  - REC Project Minutes 2020.02.13
  - REC Project Minutes 2020.02.20
  - REC Project Minutes 2020.02.27
  - REC Project Minutes 2020.03.05
  - REC Project Minutes 2020.03.12
  - REC Project Minutes 2020.03.19
  - REC Project Minutes 2020.03.26
  - REC Project Minutes 2020.04.02
  - REC Project Minutes 2020.04.09
  - REC Project Minutes 2020.04.16
  - REC Project Minutes 2020.04.23
  - REC Project Minutes 2020.04.30
  - REC Project Minutes 2020.05.07
  - REC Project Minutes 2020.05.14
  - REC Project Minutes 2020.05.21
  - REC Project Minutes 2020.05.28
• REC Project Minutes 2020.06.04
• REC Project Minutes 2020.06.11
• REC Project Minutes 2020.06.18
• REC Project Minutes 2020.06.25
• REC Project Minutes 2020.07.02
• REC Project Minutes 2020.07.09
• REC Project Minutes 2020.07.16
• REC Project Minutes 2020.07.23
• REC Project Minutes 2020.07.30
• REC Project Minutes 2020.08.06
• REC Project Minutes 2020.08.13
• REC Project Minutes 2020.08.20
• REC Project Minutes 2020.08.27
• REC Project Minutes 2020.09.03
• REC Project Minutes 2020.09.10
• REC Project Minutes 2020.09.17
• REC Project Minutes 2020.10.01
• REC Project Minutes 2020.10.08
• REC Project Minutes 2020.10.15
• REC Project Minutes 2020.10.22
• REC Project Minutes 2020.10.29
• REC Project Minutes 2020.11.19
• REC Project Minutes 2020.12.03
• REC Project Minutes 2020.12.10
• REC Project Minutes 2020.12.17
• REC Project Minutes 2021.01.07
• REC Project Minutes 2021.01.14
• REC Project Minutes 2021.01.28
• REC Project Minutes 2021.02.04
  • Radio Edge Cloud Release 1 Milestone Certification
  • REC Test Document - old
  • Radio Edge Cloud Release 2 Maturity Review Certification
  • REC Gerrit and Source Code
  • REC Landing Application
  ○ SDN Enabled Broadband Access (SEBA) for Telco Appliance Blueprint Family
  ▪ SEBA Blueprint Documentation
    • SEBA Blueprint Architecture Document
      ○ SEBA Hardware
    • SEBA Blueprint Installation Guide
    • SEBA Blueprint Release Notes
      ○ SEBA for Telco Appliance Blueprint Release Notes - Akraino R2 — Overview
    • SEBA Blueprint Test Document
      ○ SEBA Blueprint Validation Lab for self-certification
  ▪ SEBA For ARM Documentation
    • SEBA 1.0.0 for ARM Installation instructions
      ○ Hardware Requirements
    • SEBA on ARM - porting and upstreaming work
  ▪ SEBA for Telco Appliance - Akraino Release 2 Milestones for Self-Certification
    • SEBA blueprint R2 datasheet
  ▪ SEBA Reference Material
    • SEBA APIs
    • SEBA Blueprint User Stories
    • SEBA Containers
    • SEBA Gerrit
    • SEBA Installation Guide
    • SEBA Performance Test Cases
    • SEBA Testing
  ▪ SEBA Weekly Meetings
    • SEBA for TA minutes 2019.09.16
    • SEBA for TA minutes 2019.09.23
    • SEBA for TA minutes 2019.09.30
    • SEBA for TA minutes 2019.10.07
    • SEBA for TA minutes 2019.10.14
    • SEBA for TA minutes 2019.10.21
    • SEBA for TA minutes 2019.10.28
    • SEBA for TA minutes 2019.11.11
    • SEBA for TA minutes 2019.11.18
    • SEBA for TA minutes 2019.11.25
    • SEBA for TA minutes 2019.11.4
    • SEBA for TA minutes 2019.12.02
    • SEBA for TA minutes 2019.12.16
    • SEBA for TA minutes 2020.01.06
    • SEBA for TA minutes 2020.01.13
    • SEBA for TA minutes 2020.01.20
    • SEBA for TA minutes 2020.01.27
    • SEBA for TA minutes 2020.02.03
  ○ Time-Critical Edge Compute