

# 5G MEC System BP Family Weekly Meeting

When: Monday, 06:30 AM Pacific Time (US and Canada)

Where: <https://zoom.us/j/885308032?pwd=K3MwMWtCdGZSU3JYL2V6YlBGVFNKUT09>

Organizer: [blueprints@lists.akraino.org](mailto:blueprints@lists.akraino.org)

Meeting Content (minutes / recording / slides / other):

Agenta and MOM: 07 Jun 2021

Agenda:

1. EALTEdge with latest EdgeGallery installation MUNO mode - Srin
2. R4 branching status - Khemendra
3. 5G MEC system BP updates - Feng
4. Open Discussion

MoM:

1. Security/Validation process/rule for release 5 to be checked - Srin
2. API subcommittee needs to be approached if any change in API
3. Documentation subcommittee needn't be approached - Follow release 4 structure
4. BLOG of EALTEdge
5. Source code analysis for 5G MEC BP - Ref: [EALT-EDGE Source code Analysis](#).

Agenta and MOM: 24 May 2021

Agenda:

1. EALTEEdge with latest EdgeGallery installation - Srin
2. R4 branching status - Khemendra
3. 5G MEC system BP updates - Feng
4. Open Discussion

MoM:

1. Ruben to share the Portal issue with Srin
2. R4 branching status - Khemendra

Agenta and MOM: 17 May 2021

Agenda:

1. Demo about EALTEEdge with latest EdgeGallery installation - Srin
2. SmartShelf Demo - Khemendra/Vidya
3. R4 branching status - Khemendra
4. 5G MEC system BP updates - Feng
5. Open Discussion

MoM:

1. Demo with MUNO mode for EaltEdge with EdgeGallery installation - srini
2. analyze logs to find the failure root cause of Edgegallery installation - Srin
3. R4 branching status - Khemendra to update
4. BLOG to be created in EALTEdge wiki page and share link with - [jlovato@linuxfoundation.org](mailto:jlovato@linuxfoundation.org)
5. Release 5 updates (our BP fall in class 1)- khem/srini – [Release 5 Planning](#)

Agenta and MOM: 10 May 2021

Agenda:

1. Demo about EALTEEdge with latest EdgeGallery installation - Srin
2. SmartShelf Demo - Khemendra/Vidya
3. R4 branching status - Khemendra
4. 5G MEC system BP updates - Feng
5. Open Discussion

MoM:

1. Send mail after PR merge - Srin
2. R4 branching status - Khemendra to update
3. BLOG to be created in EALTEdge wiki page and share link with - [jlovato@linuxfoundation.org](mailto:jlovato@linuxfoundation.org)

#### Agenda and MOM: 03 May 2021

##### Agenda:

1. EdgeGallery version upgrade status. - Srin
2. SmartShelf use case enhancement - Khemendra
3. R4 branching status - Khemendra
4. 5G MEC system BP updates - Feng
5. Open Discussion

##### MoM:

1. Demo about EALTEEdge with latest EdgeGallery installation - Srin
2. SmartShelf Demo - Khemendra
3. Provide R4 branch name to LFN team - khemendra
4. Rel 5 requirements consolidated list and status - gaurav/khemendra

#### Agenda and MOM: 26 Apr 2021

##### Agenda:

1. EdgeGallery version upgrade status. - Srin
2. SmartShelf use case enhancement - Khemendra
3. R4 branching status - Khemendra
4. 5G MEC system BP updates - Feng
5. Open Discussion

##### MoM:

1. Demo about EALTEEdge with latest EdgeGallery installation - Srin
2. SmartShelf Demo - Khemendra
3. R4 branching followup with LFN - Khemendra
4. Feedback to Ruben mail - Srin

#### Agenda and MOM: 12 Apr 2021

##### Agenda:

1. EdgeGallery upgrade status check. - Srin
2. 5G MEC system BP updates - feng
3. Open Discussion

##### MoM:

1. Ruben queries update in mail - gaurav
2. Edgegallery status update in mail and get help from Ruben team if required - srini
3. Original figures required for documentation by Tina - Khemendra/done
4. R4 Branching out - Khemendra raised ticket to LFN

#### Agenda and MOM: 05 Apr 2021

##### Agenda:

1. EdgeGallery UPF integration framework - <https://docs.google.com/presentation/d/1S0Qm09HItZWNIF0jrUjJr1riEzyBH7nl/edit#slide=id.p3>
2. EdgeGallery upgrade status check. - Srin
3. Open Discussion

##### MoM:

1. Original figures required for documentation by Tina - Khemendra
2. R4 Branching out - Khemendra raised ticket to LFN

#### Agenda and MOM: 29 Mar 2021

##### Agenda:

1. Release 5 Requirement Discussion - <https://drive.google.com/drive/folders/15AxiuT-wYBhiuqiF9XBoh1ozQnRzKef?usp=sharing>
2. Review of Application landing & source code analysis page - [EALT-EDGE Landing Application](#), [EALT-EDGE Source code Analysis](#).
3. Open Discussion

##### MoM:

1. LF ticket/mail for R4 branch - Khemendra
2. Add link to 0.9 documentation on how to develop/deploy application using portal/API - Gaurav
3. Intermediate upgrade to EG 1.0 - Srin

#### Agenda and MOM: 22 Mar 2021

##### Agenda:

1. EALTEdge (upstream EdgeGallery) Application development & deployment demo (with Smart Retail APP as an example) - Khemendra
2. Xiplink requirement introduction - Tim
3. R4 code branching status
4. Open Discussion

Meeting Recordings: <https://zoom.us/rec/share/RTTIEqzEJ3LFf-Vla5D4C5Gpn9bwidKa0Jzl9K3GDfWatzxLnrt7p40o51PzezLzIVe6hoem21CTnXY?startTime=1616419702000>

##### MoM:

1. EALTEdge Release 5 draft plan and request for input - Gaurav
2. Landing application - [EALTEdge Landing Application](#) - Srin
3. Source Code analysis page to be reviewed and discussed during next week call - Srin
4. R4 code branching mail to LFEEdge - Khemendra

#### Agenda and MOM: 15 Mar 2021

##### Agenda:

1. EALTEdge upgrade to EdgeGallery Chocolate release status - Srin
2. R4 code branching status

##### MoM:

- EALTEdge (upstream EdgeGallery) Deployment demo for ROBO use case plan for next week (as needed by university folks)- Khemendra
- R4 code branching out - Srin/Khemendra
- [03/01/2021 - 03/03/2021 Akraino Technical Meetings](#) - (Akraino conference)
- [Release 4 Documentation - Enterprise Applications on Lightweight 5G Telco Edge \(EALTEdge\)](#)
- Note: From next week meeting will be an hour before because of daylight saving change in US.

#### Agenda and MOM: 08 Mar 2021

##### Agenda:

1. EALTEdge Akraino Technical Virtual Conference Updates - Gaurav
2. EALTEdge (upstream EdgeGallery) Deployment demo for ROBO use case - Khemendra
3. Open Discussion

##### MoM:

#### Agenda and MOM: 22 Feb 2021

##### Agenda:

1. EALTEdge BP: Demo Application development status - Khemendra/Srin
2. Discussion on Installation problem - Ruben/Kaique (UFG)
3. Akraino Technical meet 2021 - Gaurav
4. Open Discussion

##### MoM:

1. R4 branch (LF ticket to be raised) - Khemendra
2. Elton reported problem troubleshooting - Vidya/Srin
3. Code repo wiki page - Srin

#### Agenda and MOM: 15 Feb 2021

##### Agenda:

1. EALTEdge BP: Demo Application development status - Khemendra/Srin
2. EALTEdge BP: Release 4 branching khem
3. 5G/MEC BP: Updates - Feng/Eagen
4. Community Updates - Khemendra
5. Open Discussion

#### MoM:

1. Plan to complete Demo Application - khem / srini
2. Raise Ticket to LF for create new barnch for 4 - khem
3. Add wiki page for code structure and landing Applications. - srini
4. Landing Application EALTEDGE - Srini / Khem - ROBO Usecase

#### Agenda and MOM: 08 Feb 2021

##### Agenda:

1. EALTEdge BP: Demo Application development status - Khemendra/Srini
2. EALTEdge BP: Release 4 branching khem
3. 5G/MEC BP: Updates - Feng/Eagen
4. Community Updates - Khemendra
5. Open Discussion

#### MoM:

1. Plan to complete Demo Application - khem / srini
2. Raise Ticket to LF for create new barnch for 4 - khem
3. Add wiki page for code structure and landing Applications. - srini
4. Landing Application EALTEDGE - Srini / Khem - ROBO Usecase

#### Agenda and MOM: 01 Feb 2021

##### Agenda:

1. EALTEdge BP: Demo Application development status - Khemendra/Srini
2. EALTEdge BP: Release 4 branching khem
3. 5G/MEC BP: Updates - Feng/Eagen
4. Community Updates - Khemendra
5. Open Discussion

#### MoM:

1. Plan to complete Demo Application - khem / srini
2. Add wiki page for code structure and landing Applications. - srini
3. Landing Application EALTEDGE - Srini / Khem - ROBO Usecase

#### Agenda and MOM: 25 Jan 2021

##### Agenda:

1. EALTEdge BP: Demo Application development status - Khemendra/Srini
2. EALTEdge BP: Release 4 branching
3. 5G/MEC BP: Updates - Feng/Eagen
4. Community Updates - Khemendra
5. Open Discussion

#### MoM:

1. Plan for Smart Retail Demo - Khemendra/Srini
2. plan to fix code this week and raise ticket for new branch next week - khemendra
3. Installation troubleshoot - need more issue info - Srini
4. Book TSC slot on 26th Jan.
5. Add wiki page for code structure and landing Applications. - srini

#### Agenda and MOM: 18 Jan 2021

##### Agenda:

1. EALTEdge BP: Demo Application development status - Khemendra/Srini
2. EALTEdge BP: Release 4 branching
3. 5G/MEC BP: Updates - Feng/Eagen
4. Community Updates - Khemendra
5. Open Discussion

#### MoM:

1. Plan for Smart Retail Demo - Khemendra
2. 5G/MEC to apply for TSC slot
3. R5 Planning - [03/01/2021](#) - [03/03/2021 Akraino Technical Meetings](#) - Spring

#### Agenda and MOM: 11 Jan 2021

#### Agenda:

1. EALTEdge Release 4 TSC Review updates - Gaurav
2. EALTEdge Demo Application development status - Khemendra/Srini
3. 5G/MEC BP updates - Feng/Eagen
4. Community Updates - Khemendra
5. Open Discussion

#### MoM:

1. TSC review - [TSC 2020-12-10 \(Thurs\) 7 am Pacific](#)
2. ROBO use case tracking
  - a. FE development is in-progress (Testing with Backend is started, Design review is needed, especially wrt. how to show the backup)
  - b. Integration of opensource for backup & restore is done, more testing is in-progress
3. Release 5 roadmap sheet to be created and shared - Gaurav
4. Release 4 cut branch - raise ticket to LF - khemendra

#### Agenda and MOM: 04 Jan 2021

#### Agenda:

1. EALTEdge Release 4 TSC Review updates - Gaurav
2. EALTEdge Demo Application development status - Khemendra/Srini
3. 5G/MEC BP updates - Feng/Eagen
4. Community Updates - Khemendra
5. Open Discussion

#### MoM:

1. TSC review - [TSC 2020-12-10 \(Thurs\) 7 am Pacific](#)
2. ROBO use case tracking
  - a. FE development is in-progress (Design review is needed, especially wrt. how to show the backup)
  - b. Integration of opensource for backup & restore is done, more testing is in-progress
3. Release 5 roadmap sheet to be created and shared - Gaurav

#### Agenda and MOM: 14 Dec 2020

#### Agenda:

1. EALTEdge Release 4 TSC updates - Gaurav
2. Release 4 subcommittee review status - [Release 4 Planning](#)
3. 5G/MEC BP updates - Feng
4. Community Updates - Khemendra
5. Open Discussion

#### MoM:

1. Security failure handled and updated to security WG, Randy already updated the result in release 4 planning page
2. Lynis logs link needs to be updated in release 4 planning page - Khemendra
3. Documentation update as suggested during call is completed and mail is sent
4. One consolidated mail to TSC needs to be sent - Gaurav

#### Agenda and MOM: 07 Dec 2020

#### Agenda:

1. EALTEdge Release 4 Progress Review - Gaurav
2. Release 4 subcommittee review status - Gaurav
  - a. API
  - b. Security
  - c. Validation
  - d. Documentation
  - e. Upstream
3. TSC Review preparedness
  - a. Datasheet
  - b. Logs
  - c. Release planning page update
4. 5G/MEC BP updates - Feng
5. Community Updates - Khemendra
6. Open Discussion

#### MoM:

1. Example APP commit to be done by tomorrow - Khemendra
2. Open EBS & Influx DB - Completed
3. Velero - Needs storage, using miniO - On X86 its working, on ARM it has issues

- a. Need 2nd edge node with X86 - Arvind
- b. Ansible playbook for velero needs to be committed - Sharan (To add a condition that it should only run on X86)
- 4. Release 4 subcommittee review status - Gaurav
  - a. API - Completed
  - b. Security - Mail to Randy is sent, To be discussed in today Security WG call and after final verification need to update the R4 planning page
  - c. Validation - SonoBuoy exception available as K8s release is greater than 1.16 ([Akraino BluVal Exception Request](#))
  - d. Documentation - Review completed, Remarks/Recommendations handled.
  - e. Upstream - Completed
- 5. TSC Review preparedness
  - a. Datasheet to be uploaded to R4 planning page - Gaurav
  - b. Recent Logs link to be updated - Srini
- 6. 5G MEC BP vulnerabilities Eages to share with Srini for some quick help

## Agenda and MOM: 30 Nov 2020

### Agenda:

1. EALTEdge Release 4 Progress
2. Release 4 deliverables to various subcommittee review
3. Subcommittee Updates
4. 5G/MEC BP updates - Feng
5. Community Updates - Khemendra
6. Open Discussion

### MoM:

1. Kube-Hunter open point discussion with Security WG - Srini/Khem
2. Upstream WG - Where we need to update - <https://wiki.akraino.org/display/AK/Upstream+Dependency+Matrix+and+Upstream+Project+Information>  
Mail to Upstream WG - Gaurav
3. R4 Documentation - [Release 4 Documentation - Enterprise Applications on Lightweight 5G Telco Edge \(EALTEdge\)](#)

## Agenda and MOM: 23 Nov 2020

### Agenda:

1. EALTEdge Release 4 Progress
2. Release 4 deliverables to various subcommittee review
3. Subcommittee Updates
4. 5G/MEC BP updates - Feng
5. Community Updates - Khemendra
6. Open Discussion

### MoM:

1. Reviewed status progress
2. Subcommittee review deliverables status
  - a. Documentation
    - i. Follow R3 document structure and have first level document before next Monday - Srini
    - ii. Next week plan for document review based on progress (ad hoc meeting during next week)
  - b. Security
    - i. Vuls is approved - Link to be added - Srini
    - ii. Lyns is approved - Have verbal confirmation from WG
    - iii. Kube-Hunter - One pending issue need further discussion with WG
  - c. Validation
    - i. Approval is there - Link to be added - Srini
  - d. API
    - i. API is approved - Link to be added - Gaurav - [Blueprint Projects R4 and R5 API Reporting Requirements](#)
  - e. TSC
    - i. Logs needs to be pushed to nexus - Srini
    - ii. Datasheet to be prepared - Open
    - iii. 10th December is scheduled date
  - f. Upstream – ??

## Agenda and MOM: 13 Nov 2020

### Agenda:

1. EALTEdge Release 4 Progress
2. API Subcommittee template update - Gaurav
3. Security WG Updates - Srini
4. 5G/MEC BP updates - Feng
5. Community Updates - Khemendra
6. Open Discussion

#### MoM:

1. Progress reviewed
2. API subcommittee confirmed review of EALTEdge during TSC call
3. Reminder mail to Jane for sharing mind map - Gaurav
4. Change in BP timings - Decided to go for 6:30 am PST Monday (To start from 23-11) - Khemendra
5. TSC BP review page created, BP can fill the details - EALTEdge BP review scheduled on 10th

#### Agenda and MOM: 06 Nov 2020

##### Agenda:

1. EALTEdge Release 4 Progress
2. Security WG Updates - Srini
3. 5G/MEC BP updates - Feng
4. Community Updates - Khemendra
5. Open Discussion

#### MoM:

1. Release 4 review date booked
2. Status tracking done
3. API Subcommittee discussion planned today

#### Agenda and MOM: 30 Oct 2020

##### Agenda:

1. EALTEdge Release 4 Progress
2. Security WG Updates - Srini
3. Doc WG Updates - Arvind
4. 5G/MEC BP updates - Feng
5. Community Updates - Khemendra
6. Open Discussion

#### MoM:

1. R4 plan MoM - [https://docs.google.com/spreadsheets/d/1\\_-c1QYwJKDH\\_IJLz0p1m1C387ApZ\\_FD1PPL5R-L\\_GrU/edit#gid=0](https://docs.google.com/spreadsheets/d/1_-c1QYwJKDH_IJLz0p1m1C387ApZ_FD1PPL5R-L_GrU/edit#gid=0)
2. Security CVE exception list - [Akraino CVE Vulnerability Exception Request](#)
3. Documentation to follow release 3 guidelines. Also to add code structure document
4. Release 4 TSC Dates - [Release 4 Planning](#)

#### Agenda and MOM: 23 Oct 2020

##### Agenda:

1. EALTEdge Release 4 Progress
2. API Subcommittee R4 deliverable - Gaurav
3. Security WG Updates - Srini
4. 5G/MEC BP updates - Feng
5. Community Updates - Khemendra
6. Open Discussion

#### MoM:

1. API subcommittee Form is filled and status is updated - [Blueprint Projects R4 and R5 API Reporting Requirements](#)
2. Security subcommittee CVE list, after security meeting update matrix for open vul - [Akraino CVE Vulnerability Exception Request](#)
3. Get clear requirement from Dec subcommittee for Rel4. - Arvind
4. How to contribute with code structure can be added (reference IEC BP)

#### Agenda and MOM: 16 Oct 2020

##### Agenda:

1. EALTEdge Release 4 Progress
2. API Subcommittee R4 deliverable - Gaurav
3. Security WG Updates - Srini
4. 5G/MEC BP updates - Feng
5. Community Updates - Khemendra
6. Open Discussion

#### MoM

1. API subcommittee Form needs to be filled- [Blueprint Projects R4 and R5 API Reporting Requirements](#)

2. Security subcommittee CVE list - [Akraino CVE Vulnerability Exception Request](#)
3. <https://lists.akraino.org/calendar> - Calendar link
4. How to contribute with code structure can be added (reference IEC BP)

#### Agenta and MOM: 09 Oct 2020

##### Agenda:

1. Akraino Conference Summary
2. **EALTEdge Release 4 Initial Requirements - Gaurav**
3. EALTEdge Release 4 Plan - Gaurav
4. Security WG Updates - Srinii
5. 5G/MEC BP updates - Feng
6. Community Updates - Khemendra
7. Open Discussion

##### MoM:

1. Release 4 Requirement & Plan: [https://drive.google.com/drive/folders/1F-\\_JwGXggf9s30EnHWCDI9b7AyrYtIQA?usp=sharing](https://drive.google.com/drive/folders/1F-_JwGXggf9s30EnHWCDI9b7AyrYtIQA?usp=sharing)
2. API Subcommittee Required Details needs to be filled in required form (Khemendra to attach link here)
3. Status for the plan action to be added - All

#### Agenta and MOM: 25 Sep 2020

CANCELLED

#### Agenta and MOM: 18 Sep 2020

##### Agenda:

1. **Last week MoM Update**
2. **EALTEdge BP updates - Gaurav**
3. **5G MEC BP update - Feng**
4. **Akraino community update - Khemendra**
5. **Open discussion**

##### MoM:

1. Akraino Technical Meetup - Reviewed all activities
  - a. slides/demo videos ready
  - b. ealtdge slides shared to Alex
2. feng will share features list - Feng
3. EALTEdge R4 requirement list creation - Gaurav
4. Srinii need to provide more log for kong issue on arm. kong has latest arm alpine image publish, srinii/arvind will try new image and reply with more details.

#### Agenta and MOM: 11 Sep 2020

##### Agenda:

1. **Last week MoM Update**
2. **EALTEdge BP updates - Gaurav**
3. **5G/MEC BP Presentation/Updates - Feng**
4. **Akraino community update - Khemendra**
5. **Open discussion**

##### MoM:

1. **Demo Video is ready, final finish pending**
2. **Akraino Technical Meeting- Fall:**
  - Use cases for EALTEdge and ELIOT demos**
  - MEC ecosystem - alex will include EALTEdgd, gaurav will share next week**
3. **release 4 - edgegallery MEC projects as upstream project in EALTEdge**

#### MOM: 04 Sep 2020



1. Akraino technical meetup registration - <https://www.cvent.com/d/p7qztk/4W?ct=50221cf5-5496-4c34-9ec0-3b52b1bf1204>
2. Vertical Industry meetup registration - <https://lists.akraino.org/g/tsc/message/1126>
3. EALTEdge update
  - a. Demo preparation update: Coding completed, video preparation in-progress
  - b. wiki updated for vault/cert-manager-- done
4. Check with Alex Reznik on joint talk on MEC implementation in EALTEdge.
5. Presentation 5g slice in weekly meeting - Feng

MOM: 28 Aug 2020

1. registration open for Akraino Technial meetup
2. Akraino Blog for R3 -- can have one blog from EALTEdge
- 3.. akraino technical meetup on september 23-24
  - BP presentations
  - EALTEdge demo
  - check with etsi talks - check with Alex Reznik if we can participate and talk technical details with respect to etsi and EALTEdge

MOM: 31 Jul 2020

1. Ealt-edge demo

Inference and Training of the model successfully done in Local Environment.

TODO

- Training with all types of defects. - Srini
- Need to setup the environment in the cloud environment in x86 and ARM environment - Srini

2. Integration of Vault with Cert-Manager and Kong in ARM machine needs to be done.

Arvind/Srini ( Status : Github issue raised for Vault and Kong )

3. documentation

- certmanger/vault steps/readme -- Completed - Arvind.

TODO - To be reviewed by Gaurav and Khemendra.

- mepagent, kong and mepserver - Documentation completed by Arvind.

TODO - First level review to be done by Abhijit

4. kong on ARM support

-Details logs needs to be reverted - Arvind

Github Issue Link : <https://github.com/Kong/kong/issues/6095>

MOM: 24 Jul 2020

1. Ealt-edge demo

-Checked library code used for model building and the built model can be inferred.

-Capture image using CV2.

-Dig deeper into the inferencing part - TODO - Srini/Abhijit/Khemendra

2. Https enable with cert automated by cert-manager and vault

-Functionality wise it's already completed

-Documentation preparation is ongoing - Arvind

-Same needs to be tested in ARM system - Arvind/Srini

3. production and development mode support

- Completed

4. documentation

- certmanger/vault steps/readme -- in-progress - Arvind/Abhijit

- mepagent, kong and mepserver - in progress - Arvind/Abhijit

5. kong on ARM support

-Details logs needs to be reverted - Srini

MOM: 17 Jul 2020

1. Ealt-edge demo
  - check high level code struct, flow and useas of tf/opencv
  - check for hardware support and try to compile and run and test input/output
2. Htps enable with cert automated by cert-manager and vault
  - done and related code is checked
3. production and development mode support
  - CLI code changes done and ansiabale changes in progress
4. documentation
  - certmanger/vault steps/readme -- done. need to checkin
  - mepagent, kong and mepserver - in progress
5. kong on ARM support
  - follow with kong guys

## MOM: 03 Jul 2020

1. Work on Demo for Blueprint to continue next week. Currently Analysis and Trial is being done with Face Recognition project.
2. Open security issues in test report to be worked on after release. Srini and Feng can work together on that.
3. Checking for Maturity for the Blueprint,
4. Quotes to be checked with Jill for Release - 3.
5. Security feature testing to continue, artifacts can be committed after Release.

17/04/2020



Agenda & MoM:



Agenda & MoM:



Akraino 5G MEC... 20200508.pptx

Agenda & MoM:



Akraino 5G MEC... 20200529.pptx

Agenda & Mom:



Akraino 5G MEC... 20200515.pptx

Agenda & MoM:



Akraino 5G MEC... 20200522.pptx

Agenda & MoM: