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# FS\_eEDGEAPP - Status and Plan

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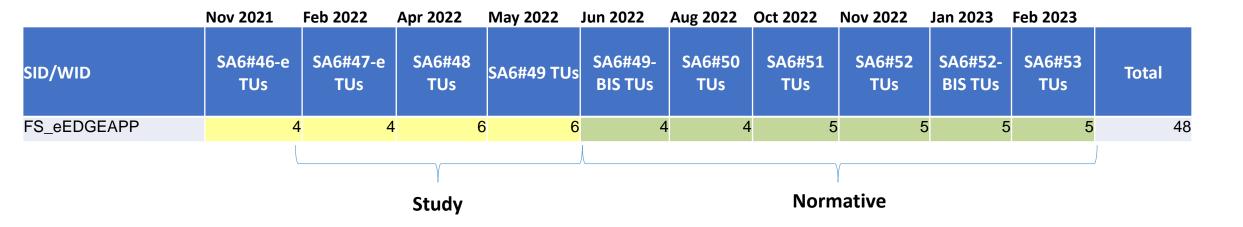
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## FS\_eEDGEAPP Timeline – Status and Plan



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Study Item	WI Code	SID Approved	SA6#46-e	Target Completion	Remarks
Study on enhanced Application Architecture for enabling Edge Applications	FS_eEDGEAPP	SA#92 (06/2021)	45%	SA#96 (06/2022)	3 meetings available until 06/2022 to complete remaining 55% study.



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# Work plan eEDGEAPP (SID + WID)



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Meeting		2021	Proposed work plan for <wid sid=""></wid>	Estimated TUs			
SA6#46-e	15 – 23 November 2021	Online	SID: Key issues + Solutions	4			
		2022					
SA6#47-e	14 – 18 February 2022 To be converted to e-meeting		SID: Key issues + Solutions	4			
SA6#48	04 – 08 April 2022	North America, Location, TBC	SID: Key issues + Solutions + Evaluations	6			
SA6#49	16 – 20 May 2022	Asia, Location, TBC	SID: Solutions + Evaluations + Conclusion + WI approval	6			
SA6#49- BIS	27 June – 01 July 2022	[Only, if needed] Location, TBC	WID: Requirements/Architecture	4			
SA6#50	22 – 26 August 2022	Europe, Location, TBC	WID: Requirements/Architecture + Procedures	4			
SA6#51	10 – 14 October 2022	Asia, Location, TBC	WID: Procedures	5			
SA6#52	14 – 18 November 2022	North America, Location, TBC	WID: Procedures	5			
		2023					
SA6#52- BIS	16 – 20 January 2023	[Only, if needed] Location, TBC	WID: Procedures	5			
SA6#53	27 Feb - 03 Mar 2023	Europe, Location, TBC	WID: Procedures	5			
Total TUs							

3

# Mapping of solutions to key issues - observations



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	1															
	KI #1	KI #2	KI #3	KI #4	KI #5	KI #6	KI #7	KI #8	KI #9	KI #10	KI	KI	KI	KI #1.4	KI	KI
										#10	#11	#12	#13	#14	#15	#16
Sol #1	X															
	^															
Sol #2							Х									
Sol #3																
	X															
Sol #4						Х				Х						
501 // 1						^										
Sol #5						Х				Х						
301 π3						^				^						
0.1//6																
Sol #6			x													
Sol #7			Х													
Sol #8		X														
		^														
Sol #9														Х		
Sol															Х	
#10																
Sol																
#11		X			X											

#### **Observations:**

- No solution exists for 6/16 KIs
  - KI#4 (EDGE-5)
  - KI#8 (EAS selection synchronization)
  - KI#9 (Enhancement of dynamic EAS instantiation triggering)
  - KI#11 (ACR between EAS and Cloud Application Server)
  - KI#12 (EEL service differentiation)
  - KI#13 (Edge enabler layer support for EAS synchronization)
- Rest of the KIs has either partial or complete solution

## Summary



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- Hurry to bring any new KIs (in next 2 meetings)
- Target to complete solutions for existing KIs (in next 3 meetings)
- Complete Solution evaluation that does not exist for 6 solutions
- Other incomplete areas include:
  - Deployment scenarios
  - Involved entities and relationships
  - Overall evaluation
  - Conclusions
- Suggestion: to also prioritize on completing GSMA OP requirements

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### **ANNEX**

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## List of KIs and Solutions



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- ★ Key issue #1: Enhanced notification service to the EEC
- Key issue #2: Enablement of Service APIs exposed by EAS
- Key issue #3: Enhancements to service continuity planning
- Key issue #4: EDGE-5

- Key issue #7: Application traffic filter exposure
- Key issue #8: EAS selection synchronization
- Key issue #9: Enhancement of dynamic EAS instantiation triggering
- Key issue #11: ACR between EAS and Cloud Application Server
- Key issue #12: EEL service differentiation
- Key issue #13: Edge enabler layer support for EAS synchronization
- Key issue #14: Application traffic influence for initially selected EAS
- ≪ Key issue #16: support of NAT deployed within the edge data network

- Solution #1: Service provisioning via push notification
- Solution #2: Traffic filter support for EDGE-3 API addressing application traffic detection
- Solution #3: Service provisioning triggering via SMS over NAS
- Solution #4: ECS discovery through serving ECS to support edge services across ECSPs
- Solution #5: ECS enhancement to discover EESs via other ECSs to support edge services across ECSPs
- Solution #6: ACR update in service continuity planning
- Solution #7: EES monitors UE mobility for service continuity planning
- Solution #8: EAS Service API enablement using CAPIF
- Solution #9: Application traffic influence trigger from EAS
- Solution #10: low power mode support
- Solution #11: A deployment option for alignment with ETSI MEC using CAPIF



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## Thank You!

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