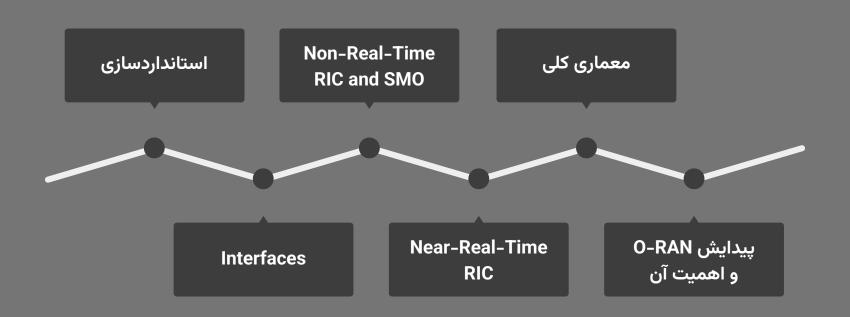
O-RAN

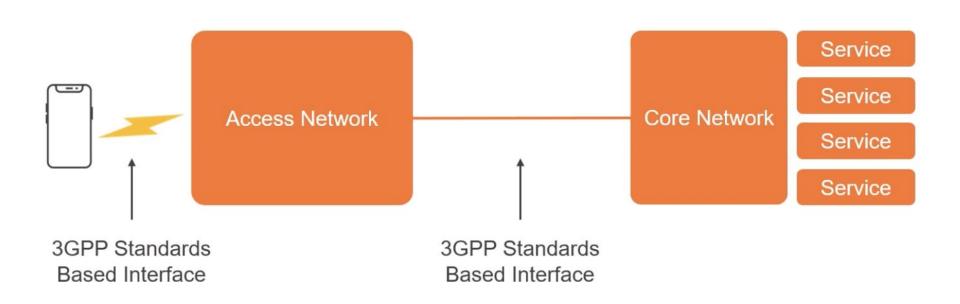
على نظرى

سیر ارائه

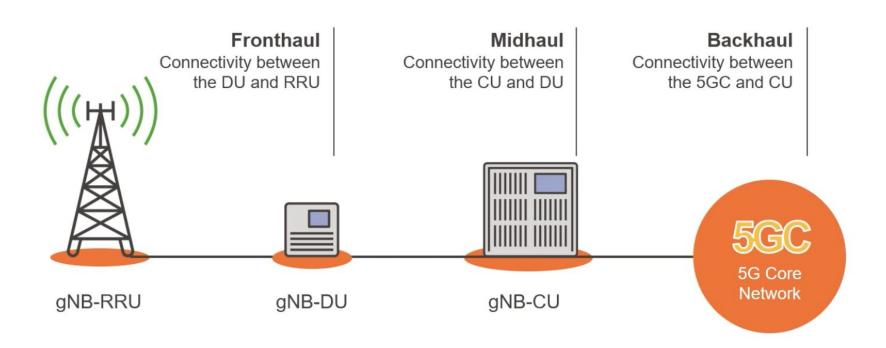


پیدایش O-RAN و اهمیت آن

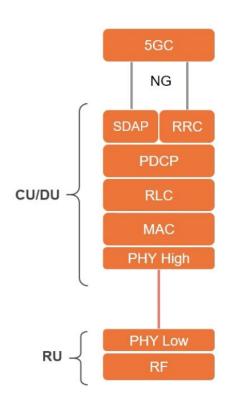
شبكههاى تلفن همراه

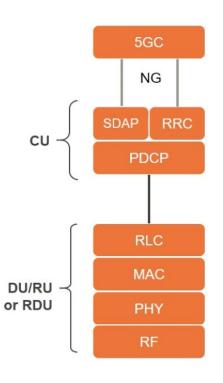


پیشبرد 5G توسط 3GPP

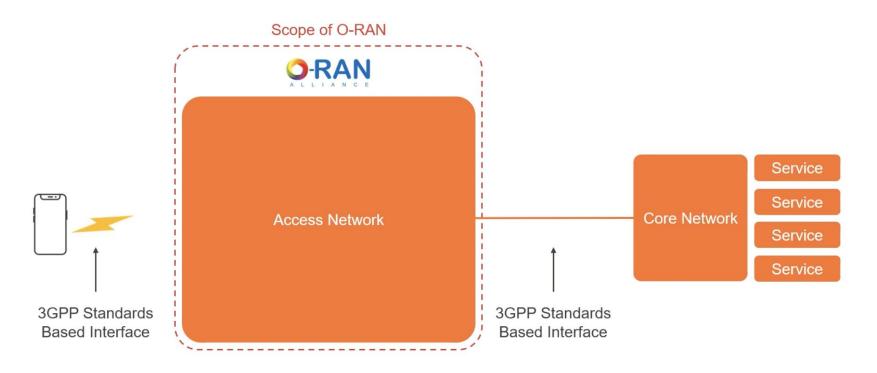


پیشبرد 5G توسط 3GPP (ادامه)



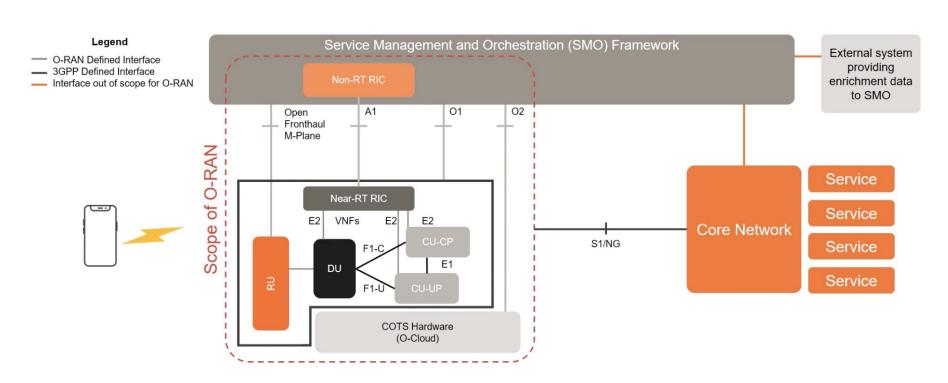


پیدایش O-RAN و تشکیل O-RAN

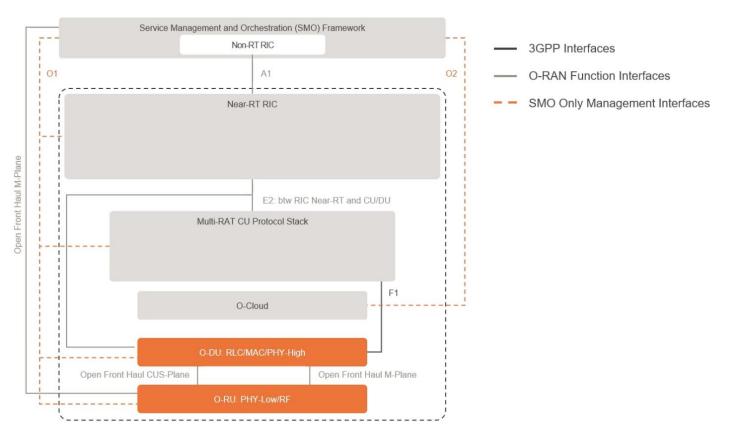


معماری کلی

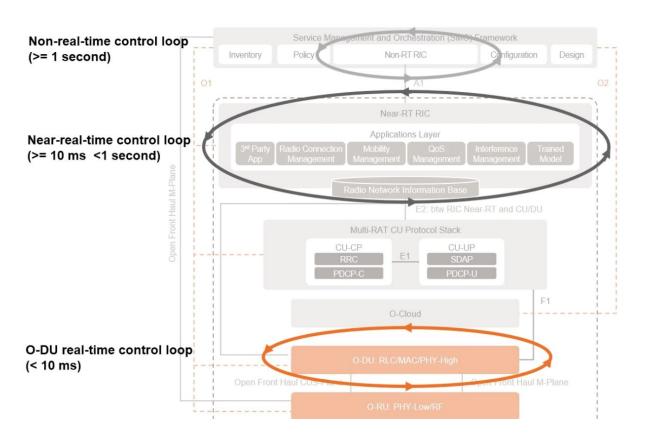
معماری O-RAN



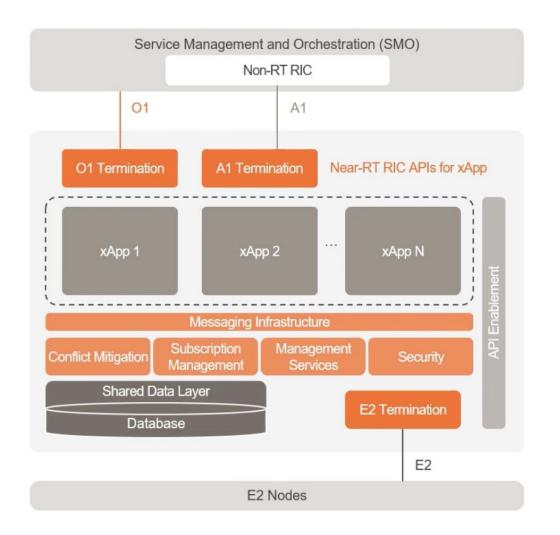
معماری O-RAN (ادامه)



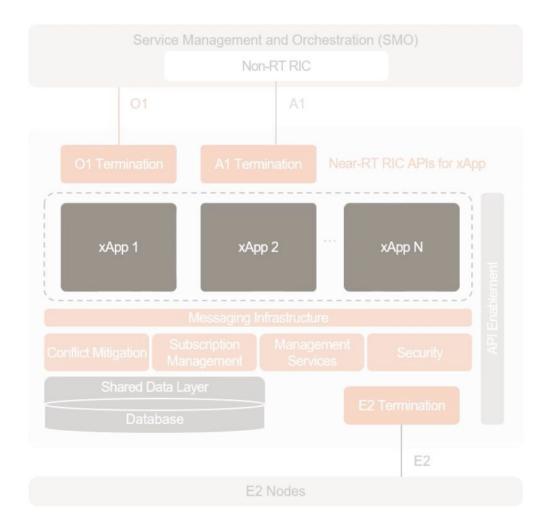
معماری O-RAN (ادامه)



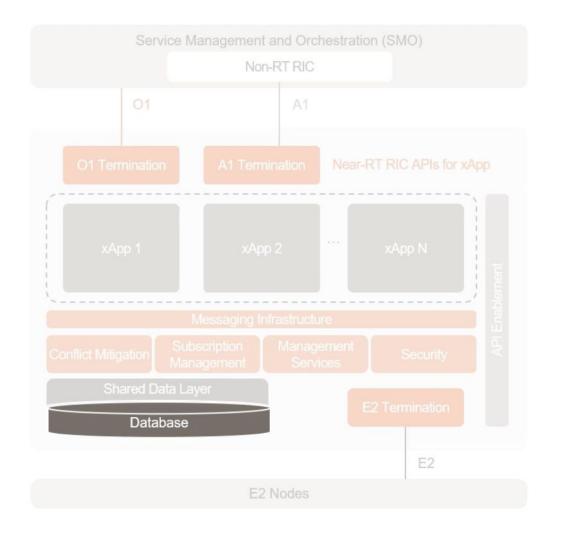
Near-Real-Time RIC



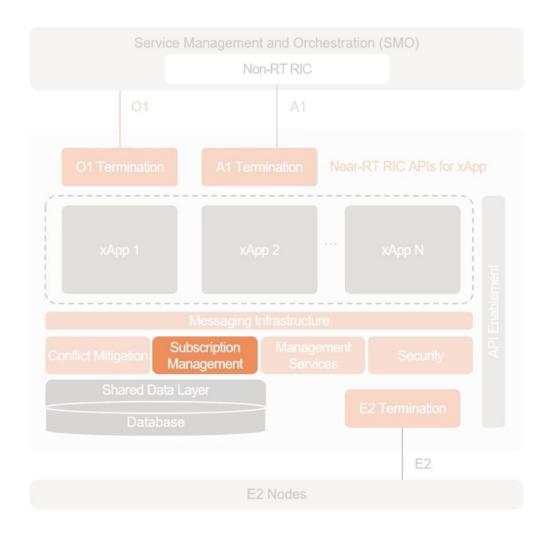
Near-RT RIC



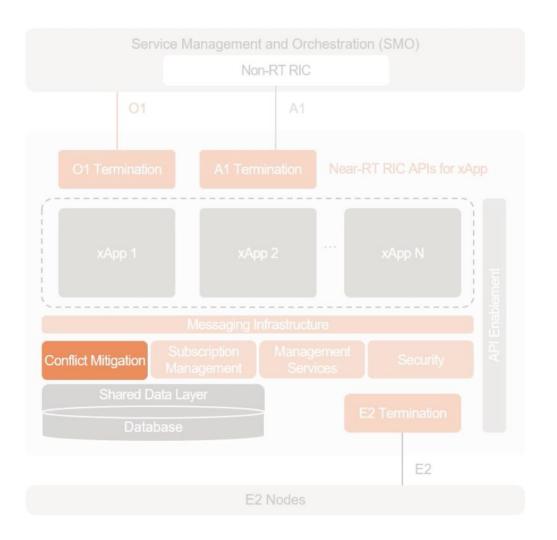
xApp



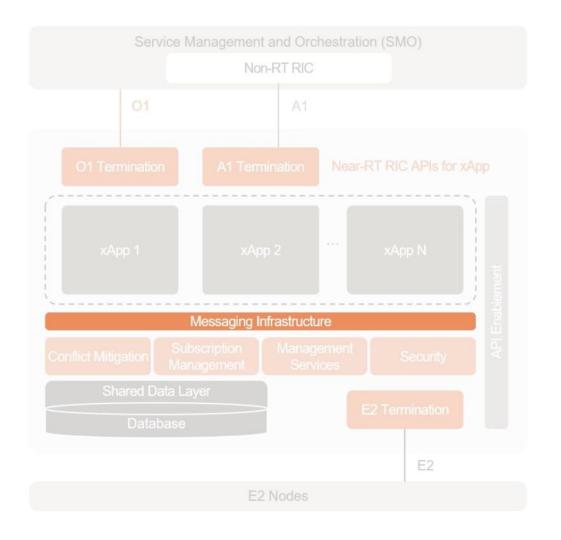
Database



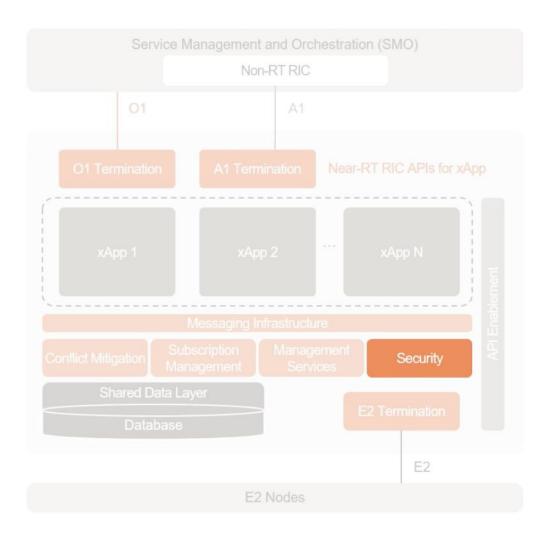
Subscription Management



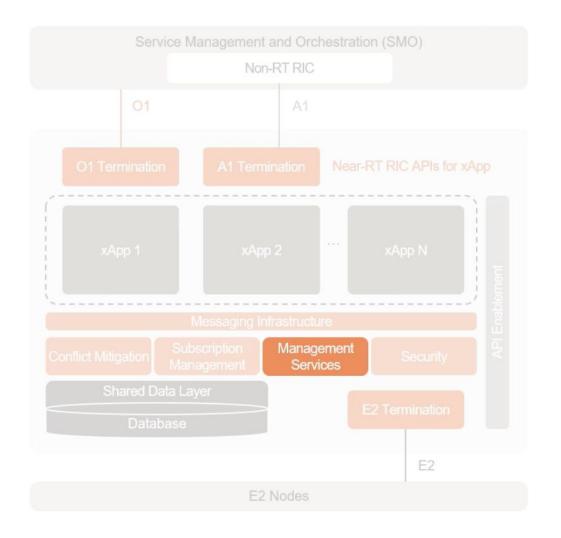
Conflict Mitigation



Messaging Infra



Security



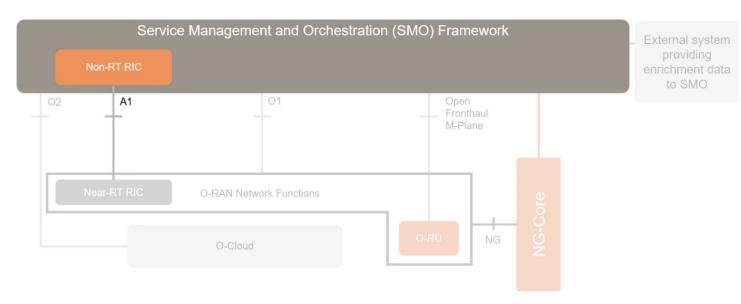
Management Services

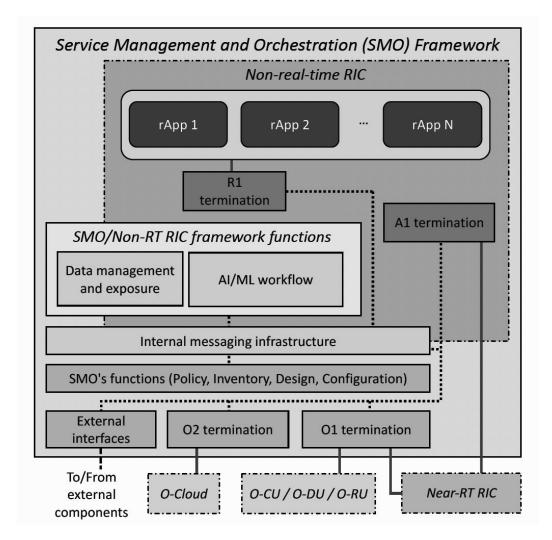
Non-Real-Time RIC & SMO

Non-RT RIC & SMO

Legend

- O-RAN Defined Interface
 3GPP Defined Interface
- Interface out of scope for O-RAN

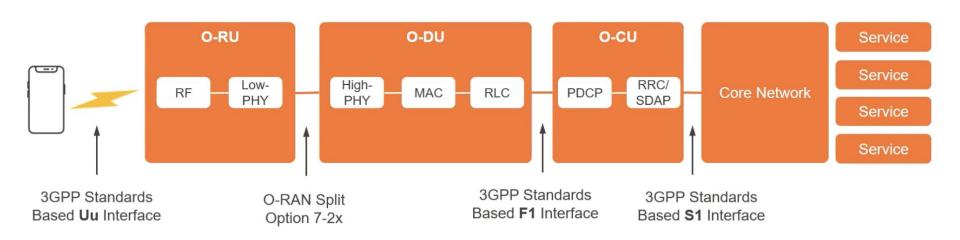


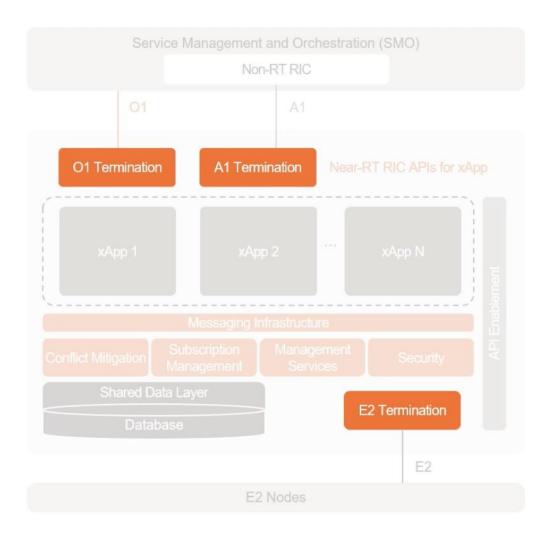


Non-RT RIC & SMO

Interfaces

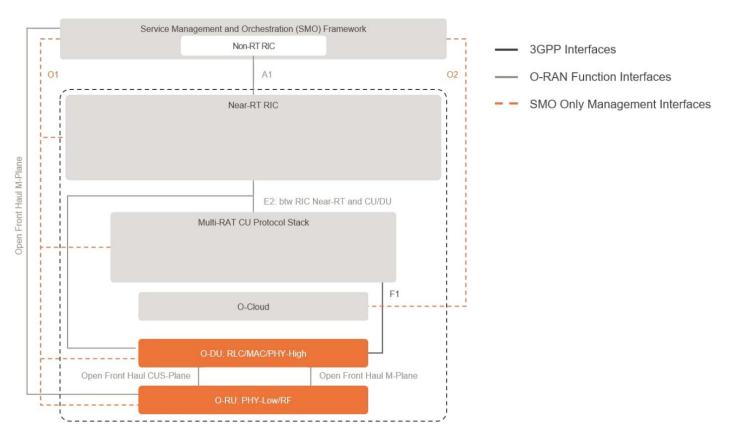
3GPP Interfaces



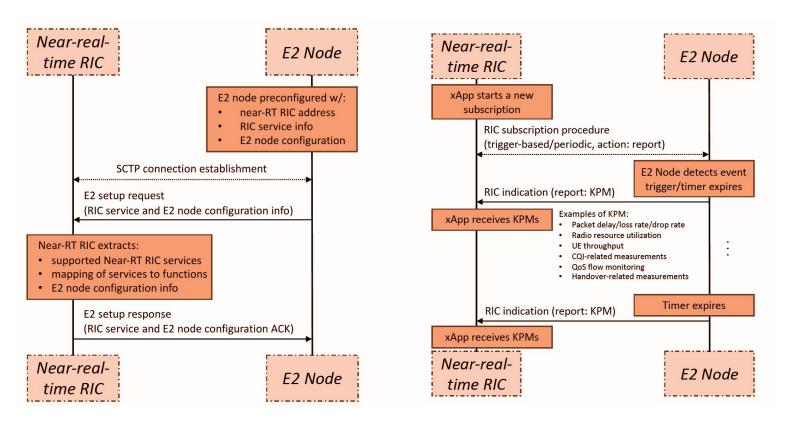


O-RAN Interfaces

(ادامه) O-RAN Interfaces

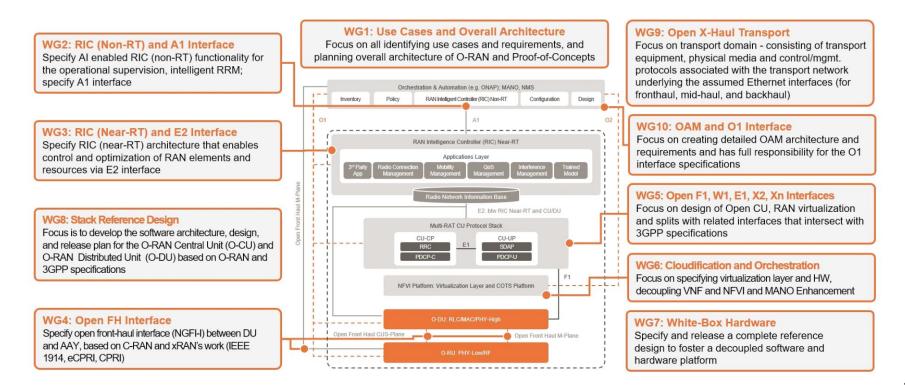


مثالی از E2



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مراجع

- Understanding O-RAN: Architecture, Interfaces, Algorithms, Security, and Research Challenges
- Parallelwireless O-RAN Documents

با تشکر از توجه شما

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