Meeting 112321 - Magma Slicing Discussion

Meeting Recording

Chat File

Magma Slack:

> **main Slack channel**
>
> **#project-5g-slicing - Slack channel under Magma Slack dedicated to slicing and slicing security. This is where followup discussions will proceed.**

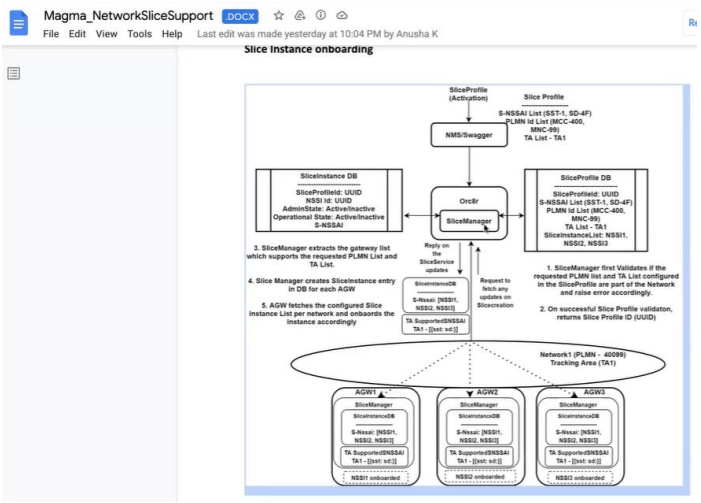
Attendees:

> DARPA/Ops 5G
>
> Aarna Networks
>
> Wavelabs
>
> GenXComm
>
> LFN

Highlights:

- DARPA Ops 5G program interested in network slicing capabilities of Magma.
- Magma at the early stages of developing network slicing and slicing security capabilities.
- What will be the capacities of network slicing in Magma? Feature roadmap?
- Leverage the network slicing capabilities provided by ONAP and interface to Magma to support network slicing.
- Some devices may need default slice information. What can be/will be provided?
  - Android OS 12 and Google Pixel 6 to support slicing. Can testing be done with this device? What other devices are being considered for network slicing testing?
  - Magma supports default subscription information in the case where the UE does not provide it.
- GenXComm is RAN provider for DARPA Ops 5G test bed and has experience with Magma as well as RAN support for network slicing.
- Details on admission control and session management schema in Magma was discussed (Suresh/ (Wavelabs)- timestamp 08:53). ***An overview of slice instance onboarding was shared (can Suresh provide for reference?)***

  Timestamp 11:30:



- Secure network slicing discussion. Timestamp: 18:07
  - Ops 5G program has a separate technical area working on secure network slicing. Michael August has lead.
  - Technical schema details and feature/roadmap alignment discussed between DARPA Ops 5G and Magma.

- **AI's/Takeaways:**
  - Overview on admission control and session management schema in Magma. Can Suresh provide the slides?
  - Develop a prioritized list of security concerns for slicing that would be/could be implemented in Magma.
  - Michael August can provide slides slicing security overview planned for DARPA Ops 5G.
  - Slack channel under Magma Slack dedicated to slicing and slicing security: #project-5g-slicing (https://magmacore.slack.com/archives/C01PC1QA3QF). The team would like the discussion to proceed here.
  - Further discussion on Magma architecture and requirements around RAN with Hardik/GenXComm.

- **Magma Resources**
  - Quick Start Guide
  - GitHub Discussionsfor technical questions and concerns
  - Magmacore homepagefor project home
  - Community calendarfor meetings and events
  - YouTube channelfor recorded meetings, presentations, etc.
  - Community and governance
  - Developer onboardingfor onboarding as a new Magma developer
  - Development workflowfor creating your first pull request
  - Contributing conventionsfor norms around contributed code
  - Slack