OMEC Project

Introduction

The Open Mobile Evolved Core (OMEC) is a package of seven individual repositories comprising 12 Virtual Network Functions (VNF): Mobility Management Entity (MME), Home Subscription Server (HSS), Database (DB), Serving Gateway Control (SGWC), Serving Gateway User Plane (SGWU), Packet Gateway Control (PGWC), Packet Gateway User Plane (PGWU), Charge Data Function (CDF), Charge Trigger Function (CTF), Intel® Secure Guard Extensions Dealer In (SGX-DLR-IN), Intel® Secure Guard Extensions Router (SGX Router), Intel® Secure Guard Extensions Dealer Out (SGX-DLR-OUT). The OMEC open source software is a research proof of concept and not intended or tested for production use.

Information about each of the individual repositories can be found here: OMEC Repositories.

Test Plan Matrix

Key People & Communication Channels

The Technical Steering Team (TST) for OMEC includes:

- Ouz Sunay, ONF
- Christian Maciocco, Intel
- Manuel Paul, Deutsche Telekom
- Lyle Bertz, Sprint
- Somnath Chakrabarti, Intel
- Doug Eng, AT&T

The mailing list for the TST (open only to TST members) can be accessed here: https://groups.google.com/a/opennetworking.org/forum/#!forum/omecproject-tst

Meetings

“OMEC Architecture|Design|Engineering” Weekly meeting

Monday 7am PST:
https://onf.zoom.us/j/264946232?pwd=anEvTmo1Vy95TGFYva01uV1p1ekdIZz09

Mailing Lists

- **OMEC-Announce**: Mailing List for OMEC Announcements
- **OMEC-Dev**: Mailing List for OMEC Developers
- **OMEC-Discuss**: Mailing List for General Discussion on OMEC (Open to All)

Slack

- Slack channel: #omec-dev: https://onf-community.slack.com/archives/C01DNRLRRDK
  - To join, please click here: https://join.slack.com/t/onf-community/shared_invite/zt-g2ed9rid-t9mAGa4Y2RkIBwY665tA

Participate
All code for OMEC repositories is stored on Github.

Project Resources

OMEC Tutorial. Feb 15, 2019
COMAC Tutorial including OMEC from ONF Connect September 2019

We expect all ONF employees, member companies, and participants to abide by our Code of Conduct. If you have any questions or concerns, please notify a member of the ONF team or email conduct@opennetworking.org.

Having trouble getting started? First, reach out to the mailing list or Slack team. If you still have questions or concerns, please email help@opennetworking.org.