OMEC Project

Welcome to the OMEC Community wiki space. All information on this wiki is publicly accessible. If you would like to contribute to this space, you will need an ONF account: https://wiki.opennetworking.org/signup.action

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

<table>
<thead>
<tr>
<th>Test Generator</th>
<th>Performance</th>
<th>Make</th>
<th>Config/Repos</th>
<th>Conformance</th>
<th>Environment</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>UE</td>
<td>E2E TP5 PPS</td>
<td>FR acknowledged</td>
<td>E2E E2E referred</td>
<td>UE E2E E2E referred</td>
<td>UE E2E E2E referred</td>
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<tr>
<td>RAN</td>
<td>E2E TP5 PPS</td>
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<td>UE E2E E2E referred</td>
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<tr>
<td>Core</td>
<td>E2E TP5 PPS</td>
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<td>UE E2E E2E referred</td>
<td>UE E2E E2E referred</td>
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</tbody>
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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=anEvTmo1Vv95TGFY+0uV1p1ekdIZz09

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-t9mAGa4Y2RrKfWBwY665A

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@open networking.org.