

Open Source
MANO

OSM#13 Hackfest

Magma 5G Core Onboarding Challenge

Welcome & Logistics

Silvia Almagia (ETSI) &
Maciej Mazur (Canonical & OSM VNF Onboarding TF Chair)



Welcome to the OSM#13 Hackfest!

- 3rd Onboarding Challenge!!



- 60+ registered participants
- Organized in Teams
- Learning and collaborating to onboard Magma 5G Core
- Mentored by key **OpenSourceMANO** community members and **Magma** experts

Agenda (CEST)

https://osm.etsi.org/wikipub/index.php/OSM13_Hackfest

OSM#13 Hackfest

Administrator   

13 - 17 Jun 2022 ▾					Day	3 Days	Week	2 Weeks	Month	☰
W24	13 Jun 2022	Tue 14	Wed 15	Thu 16	Fri 17					
1pm										
2pm	2pm OSM#13 Hackfest - Day 1 briefing	2pm OSM#13 Hackfest - Day 2 briefing	2pm OSM#13 Hackfest - Day 3 Check Point	2pm OSM#13 Hackfest - Day 4 Check Point	2pm OSM#13 Hackfest - Day 5 Demos & Awards					
3pm			3pm OSM#13 Ecosystem Day							
4pm										
5pm										
6pm										


Agenda – Monday Briefing

https://osm.etsi.org/wikipub/index.php/OSM13_Hackfest

OSM#13 Hackfest

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« » Today 13 - 17 Jun 2022 ▼ Day 3 Days Week 2 Weeks Month

W24	13 Jun 2022	Monday 13 June 2022	Fri 17
1pm			
2pm	2pm OSM#13 Hackfest - Day 1 briefing	<ul style="list-style-type: none">2:00 - 2:15 pm CEST - Welcome2:15 - 2:20 pm CEST - Group Picture! 2:20 - 5:00 pm CEST - Presentation of the challenge and tasks for the week<ul style="list-style-type: none">What is MagmaAGW and Orchestrator deployment requirementsIntro to private mobile networksIntro to OSM	OSM#13 Hackfest - Day 5 Demos &
3pm			
4pm			
5pm			
6pm			

Agenda – Tuesday Briefing

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OSM#13 Hackfest

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« » Today 13 - 17 Jun 2022 ▾ Day 3 Days Week 2 Weeks Month

W24	13 Jun 2022	Tue 14	Wed 15	Thu 16	Fri 17
1pm					
2pm	2pm OSM#13 Hackfest - Day				5 Demos &
3pm					
4pm					
5pm					
6pm					

Tuesday 14 June 2022

- 2:00 - 5:00 pm CEST - Guided walk through of Magma AGW and Magma Orchestrator on-boarding
 - DEMO
 - What does it mean to on-board a complex network function
 - Code walkthrough
 - Going step by step
 - Q&A

Agenda – Wednesday Check Point & Ecosystem Day

https://osm.etsi.org/wikipub/index.php/OSM13_Hackfest

OSM#13 Hackfest

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« » Today 12 - 17 Jun 2022

Day 2 Days Week 2 Weeks Month

W24

1pm

2pm 2pm OSM#13 Hackfest

3pm

4pm

5pm

6pm

Wednesday 15 June 2022

- 2:00 - 3:00 pm CEST - Q&A (check point)
- 3:00 - 6:00 pm CEST - OSM#13 Ecosystem Day 📍
 - Detecting Issues with In-Band Telemetry in OSM-Orchestrated Core Networks by SimulaMET
 - Demonstration of a MEC Infrastructure deployment with OSM by IT, Instituto de Telecomunicações
 - Highly available, a production-ready blueprint for OSM by Canonical
 - Launching a new ETSI Open Source Group for TeraFlowSDN (OSG TFS) by CTTC
 - Experimenting with NetApps for Transport & Logistic in 5G testbed, VITAL5G by Nextworks
 - π-Edge Platform and OSM for Security Analytics Automation in Network Slicing by Intracom Telecom
 - 5G Multi-site deployment using OSM by Whitestack

Agenda – Thursday Check Point

https://osm.etsi.org/wikipub/index.php/OSM13_Hackfest

OSM#13 Hackfest

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Today

»

13 - 17 Jun 2022

Day

3 Days

Week

2 Weeks

Month

☰

W24	13 Jun 2022	Tue 14	Wed 15	Thu 16	Fri 17
1pm					
2pm	2pm OSM#13 Hackfest - Day 1 briefing	<div>Thursday 16 June 2022</div> <ul style="list-style-type: none">• 2:00 - 3:00 pm CEST - Q&A (check point)			est - Day 4 Check
3pm					
4pm					
5pm					2pm OSM#13 Hackfest - Day 5 Demos & Awards
6pm					

Agenda – Friday Demos & Awards

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OSM#13 Hackfest

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« » Today 13 - 17 Jun 2022 ▼ Day 3 Days Week 2 Weeks Month

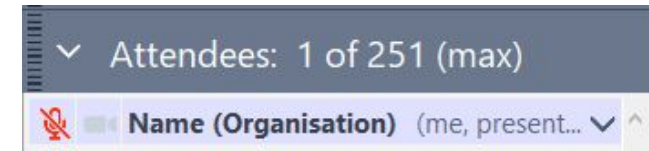
W24	13 Jun 2022	Tue 14	Wed 15	Thu 16	Fri 17
1pm					
2pm	2pm OSM#13 Hackfest - Day 1 briefing				2pm OSM#13 Hackfest - Day 5 Demos & Awards
3pm					
4pm					
5pm					
6pm					

Friday 17 June 2022

- 2:00 - 4:30 pm CEST - Demos
- 5:00 - 5:30 pm CEST - Awards!

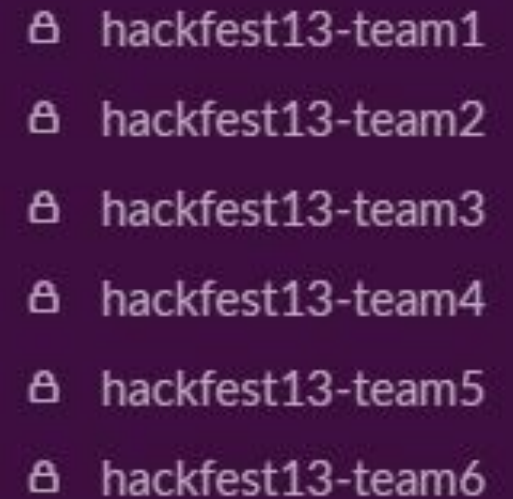
Logistics – Daily Meetings

- Briefing, Check-Points, Demos, Ecosystem Day...
- Join us every day on this **G2M Webroom**
 - <https://www.gotomeet.me/OSMhackfest>
 - Please enter your **name, surname**
 - Use a **headset**
 - **Mute** yourself during the presentations & demos
 - Open your mic to ask, or type your questions on Slack
 - Slides will be made available in the [wiki](#)
 - Briefings and Demos will be recorded and posted on [YouTube](#)



Logistics - Slack, Jitsi

- You need [Slack](#) to communicate with participants and community members
 - You need to join (at least) the following channels:
 - **#hackfests** for general hackfest questions
 - **#hackfest13-teamX** to discuss with your teammates and mentors
 - Please create a **dedicated thread** for each different issue
- You can launch a **video call** from Slack anytime
 - Just type */jitsi* in the channel where you want to share the invite
- Or a **voice call** with **Slack huddle**



hackfest13-team1
hackfest13-team2
hackfest13-team3
hackfest13-team4
hackfest13-team5
hackfest13-team6



hackfest13-team1



- We are using Etherpad to share commands, links and other details
- https://osm.etsi.org/pad/p/OSM13_Hackfest
- Please add your name to one of the teams, or to the category “Off Challenge” if you want to participate without joining a team
- Then join your team’s channel in Slack

Mentors

Mark Beierl



Gulsum Atici



Guillame Bélanger



Guillermo Calviño



Bartek Gmerek



Maciej Mazur

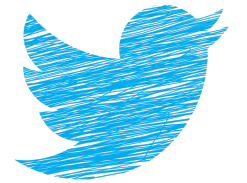


Awards

- Today, after the briefings, teams will be offered some challenges to complete during the week
- On Friday, teams will be offered a slot to demonstrate their achievements and share feedback
 - Every participant will receive a participation certificate
 - The team with the best demo will be awarded
 - Every participant in the winning team will receive a prize!!



- You can follow **OpenSourceMANO** and this Hackfest on:
 - <https://twitter.com/OpenSourceMANO>
 - <https://www.linkedin.com/company/OpenSourceMANO>
 - <https://www.youtube.com/c/OpenSourceMANO>
- Share your thoughts, impressions, pictures or screenshots on social media, blog posts...
 - Mentions are welcome!



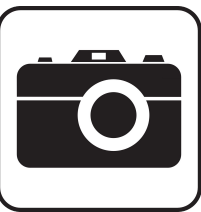
**@OpenSourceMANO #OSMhackfest
#OSMmagmaChallenge**

At the end of the week ...

- A **satisfaction survey** will be circulated
 - Please take 2 minutes to reply and leave us comments, your feedback is precious!
- And .. if you liked the OSM experience.. **stay with us!**
 - [How to engage](#) with the OSM community

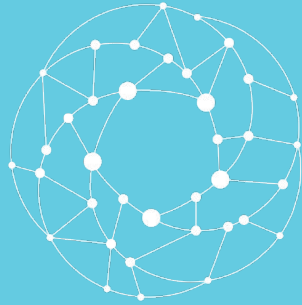
Get involved in OpenSourceMANO

- Join the [OSM Community Slack Workspace](#) 🗝
- If your organization is already an [OSM member](#) 🗝, you can also:
 - [Request an EOL account](#) 🗝 (if you don't have one yet)
 - Subscribe [OSG OSM](#) 🗝 and [OSM TECH](#) 🗝 mailing lists
- If your organization is not yet an OSM member:
 - [Learn how to join](#) 🗝, it is free and open to all
- Join the [OSM Ecosystem](#) 🗝



Group Picture!





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Enjoy the hackfest!

OSMsupport@etsi.org