



Open. Together.

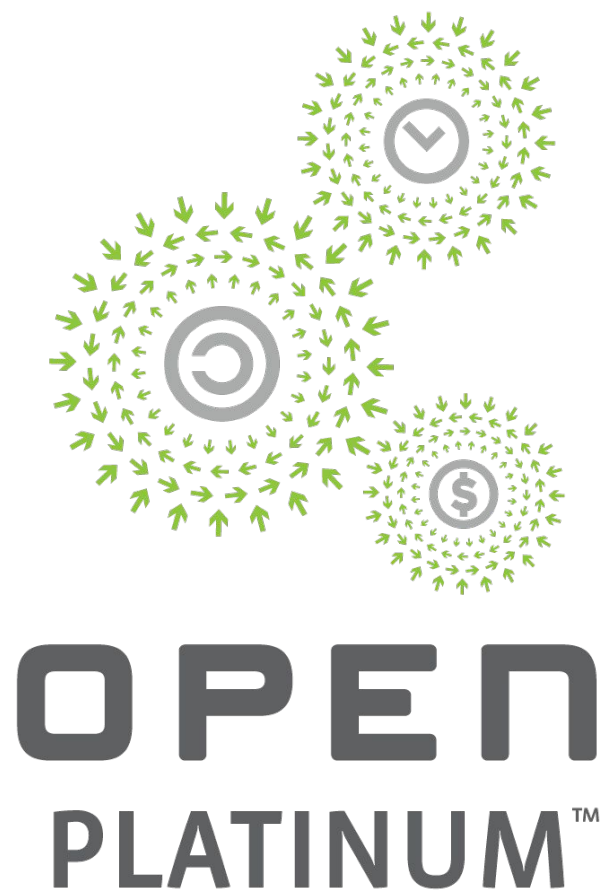


OCP
SUMMIT

Networking
Software

ONIE Project Update

Alex Doyle
Build Engineer
Cumulus Networks



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ONIE Update: TL;DL Version



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- New project lead - Alex Doyle.
- Things are running fine.
- Look for some enhanced build tools this year.
- Thanks, everybody!



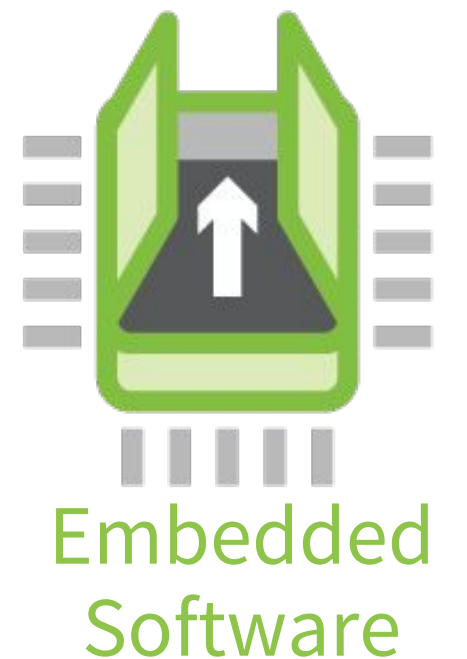
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ONIE Update: --verbose Version



NETWORKING

- ONIE is the Open Network Install Environment
 - It is an OS provisioning program for bare metal switches
- The Present
 - What's new?
- The Past
 - Measuring ONIE's health through statistics
- The Future
 - Where do we go from here?

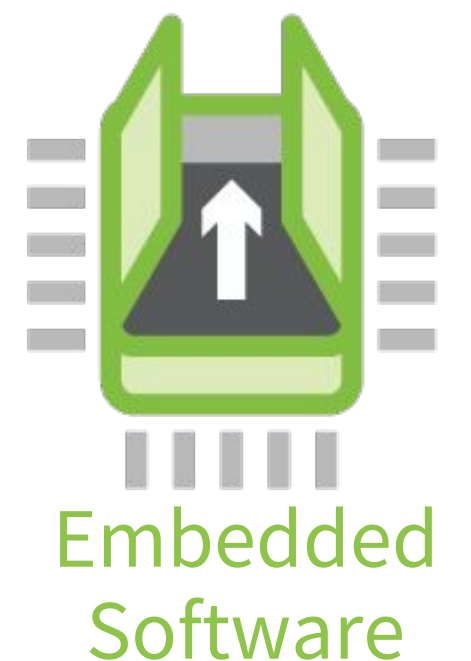


What's New?



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- Me, as a project lead for ONIE
 - I'm a build engineer at Cumulus Networks
 - Taking over for the original lead, Curt Brune
 - ONIE encapsulates a number of my interests:
 - Linux systems, embedded and otherwise
 - OS installers
 - Clear documentation
 - Improving developer experiences
 - Community management

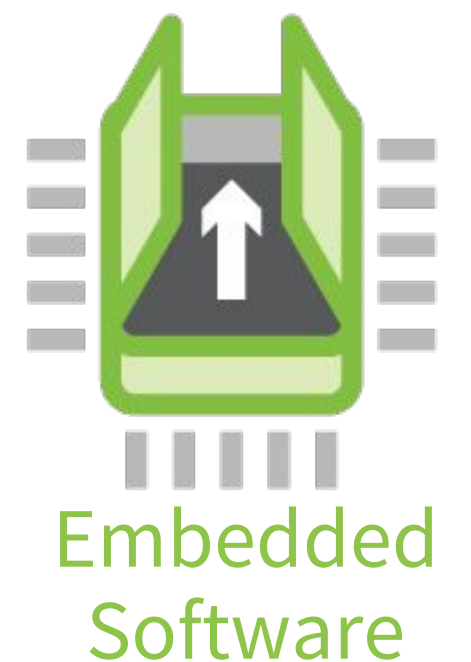


I'm planning on:



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- Not breaking what's working
- Processing pull requests of code fixes and new platforms
- Keeping the code quality high
- Managing quarterly releases
- Helping out wherever I can
- Doing additional development
- Digging deeper into the code base
- Thanks to ONIE mailing list subscribers for jumping in



ONIE One Year Statistics - This Year



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22 new machine definitions
..for a total of 161

17 contributing individuals
...from 13 organizations

100 git commits



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ONIE One Year Statistics - Last Year



NETWORKING

43 new machine definitions

24 contributing individuals

20 organizations

So, cooling off some, but not bad!



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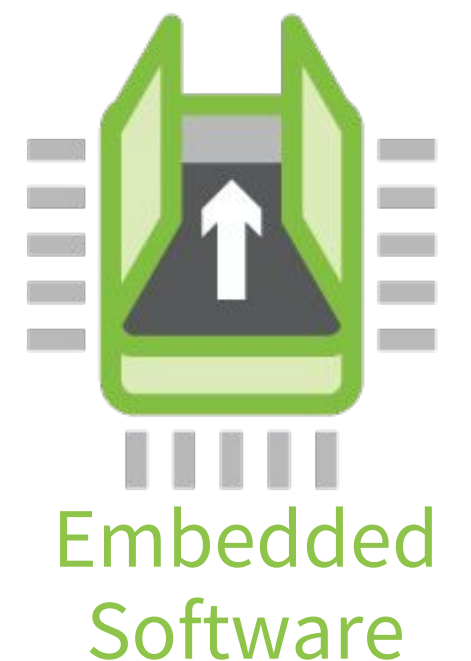
Project Contributors - Thanks!



NETWORKING

- Accton Technology
- ARM
- Cogent Embedded, Inc
- Cumulus Networks
- Dell EMC
- Delta Networks
- Edgecore Networks
- Freescale
- Lenovo
- NXP
- Quanta Cloud Technology
- Red Hat

...as well as a number of individual contributors

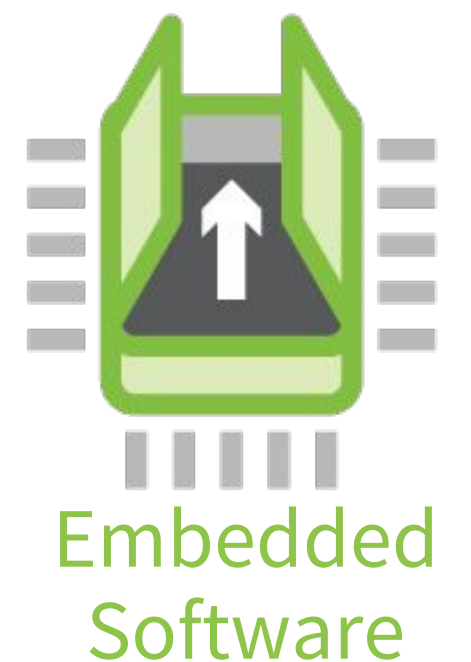


Where Do We Go From Here?



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- Encourage community participation
- Don't break what's working
- Enhance the Docker container build environment
 - Reduce the number of steps to deploy
 - Make it a bit more comfortable
 - Use it as a reference build environment
 - For Jenkins build and automated testing
 - As well as debugging build issues



In Conclusion

- ONIE continues to be:
- Important
- Maintained
- ...and welcoming of well thought out pull requests



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Questions?



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Thank You!

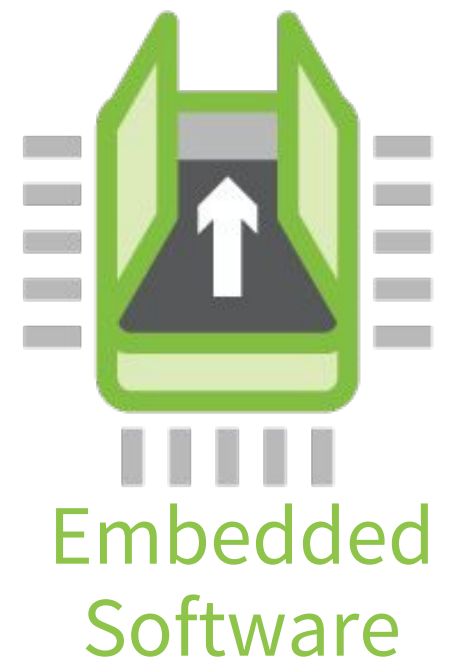


Source code: <https://github.com/opencomputeproject/onie>

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Documenation: <https://opencomputeproject.github.io/onie/overview>

Mailing list: <https://ocp-all.groups.io/g/OCP-ONIE>



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(remove this note before submitting your presentation)

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OCP
SUMMIT

[Presentation starts here]

Use appropriate
Project
logo from slide 11/12:
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SERVER

Technical content is desired

Open, collaborative in nature, Material must be relevant to an open source community

Must not be a product advertisement or too 'commercial' in the messaging

Products, Specs, and any contributions that have NOT been previously discussed in a monthly call, workshop, or previously approved by the foundation should NOT be disclosed in a summit workshop.

When discussing a Contribution, please use the appropriate logo from Slide 12.

Use appropriate
Contribution
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Specifications

Product/Facility Info

Pictures of Product/Facility
Links to SP's Site
Marketplace Link

Use appropriate OCP
Recognition Logo for
Facility/Product
from slide 9/10:

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Use appropriate SP
Logo from slide 8:

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Compute Project
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Call to Action

This should be the last slide before
ending bumper slide
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How to get involved in the project.

Timeline for Contribution Availability

Schedule if product is being promoted

Link to Contribution/Marketplace on OCP website

Where to find additional information (URL links)

[Example] Where to buy: <https://www.opencompute.org/products>

[Example] Project Wiki with latest specification : <http://www.opencompute.org/wiki/Server/Mezz>

[Example] Mailing list: <http://lists.opencompute.org/mailman/listinfo/opencompute-mezz-card>

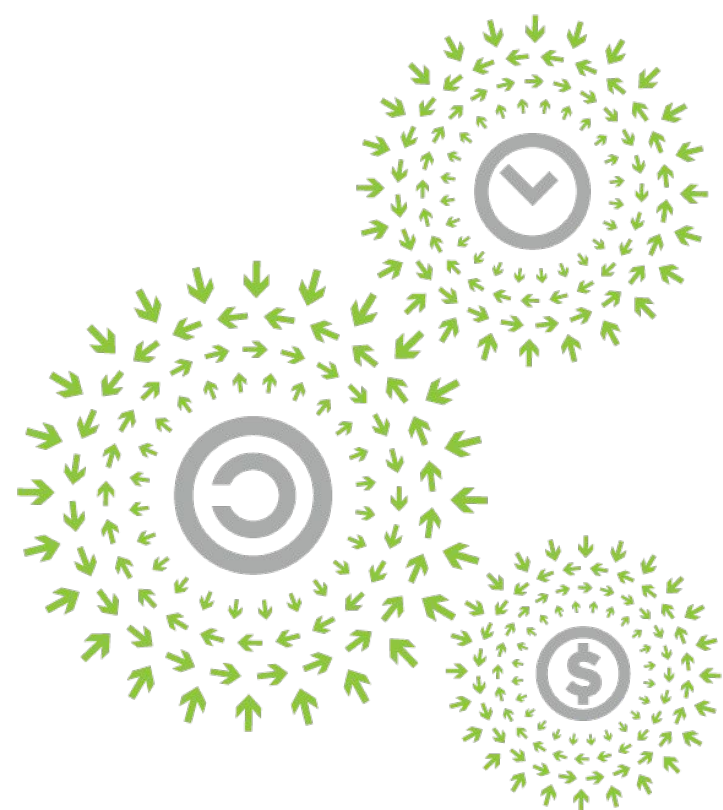
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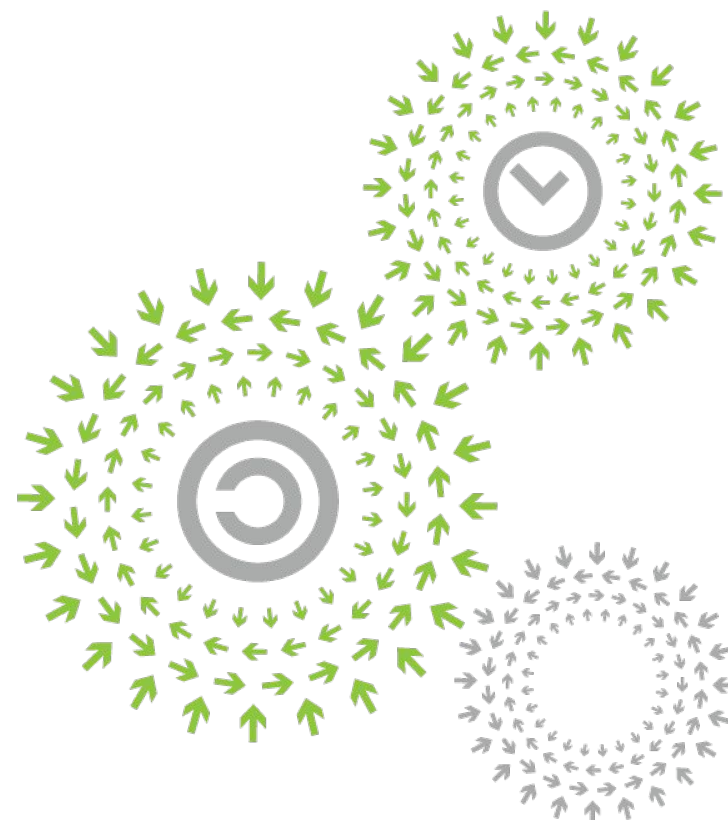
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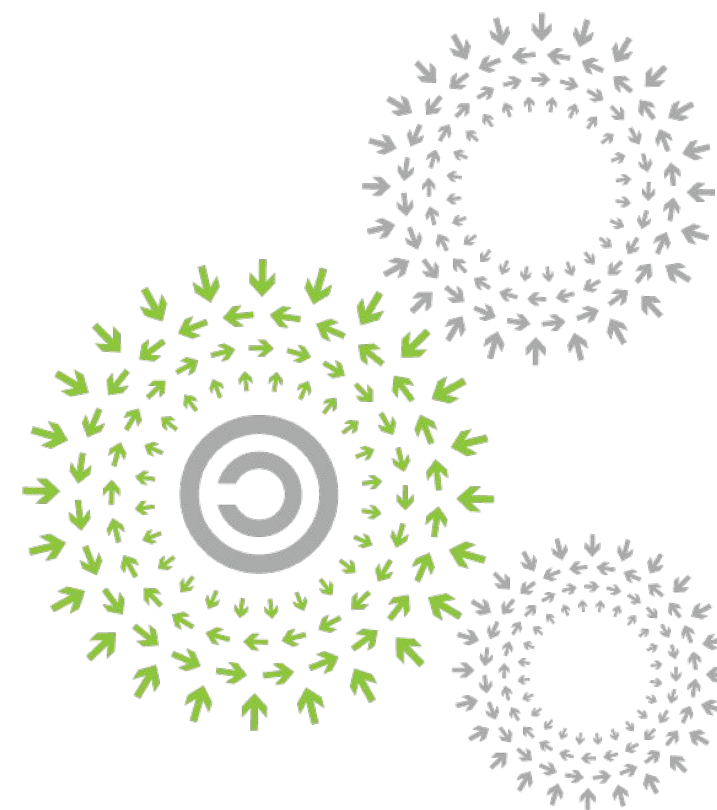
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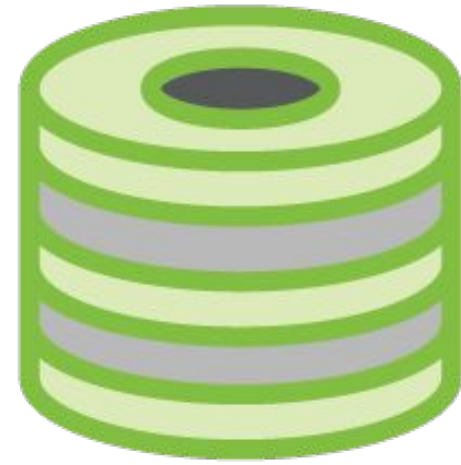
Please use the appropriate icon representing the Project Group



SECURITY



SERVER



STORAGE



NETWORKING



RACK & POWER



MANAGEMENT



HPC



TELCO



DATA CENTER
FACILITIES



OPEN SYSTEMS
FIRMWARE

The following project group logos are missing: OpenEdge, OpenRMC, ACS. If you need one of these, contact Archna@opencompute.org

Please use the appropriate icon representing the Regional Project Group



Regional
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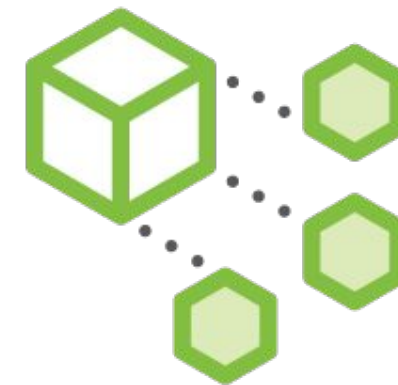


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Specifications



Reference
Architecture



Embedded
Software



Tested
Configurations



Case Studies



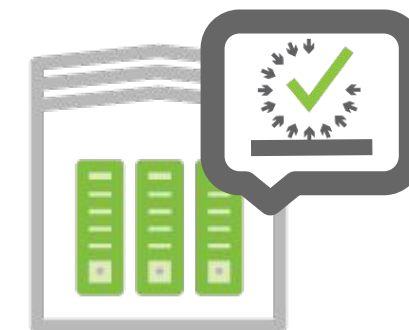
White
Papers



Design Files



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Recognition



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Workshops
Summits



Testimonials
Seminars



Videos

ONIE Update --verbose Version



NETWORKING

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What's New?

- Me, as a project lead for ONIE
 - .Recently took over from the original lead, Curt Brune.
 - We worked together at Cumulus Networks
 - We're big fans of ONIE
 - I'm a Linux build engineer there
- ONIE is at the intersection of a number of my interests:
 - Linux systems, embedded and otherwise
 - OS Installers
 - Clear documentation
 - Improving developer experiences
 - Community management (apparently I have “social skills”)



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...And I'll Be:

- Not breaking what's working
- Processing incoming pull requests for code fixes
- ...and new platforms
- Keeping the code quality high
- Managing quarterly releases
- Helping out wherever I can
- Doing additional development
- ...still coming up to speed, so a big thank you to the
- members of the ONIE mailing list for jumping in.



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Where Do We Go From Here?

- Encourage community participation
- Keep things rolling along
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 - Fewer steps to deploy
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