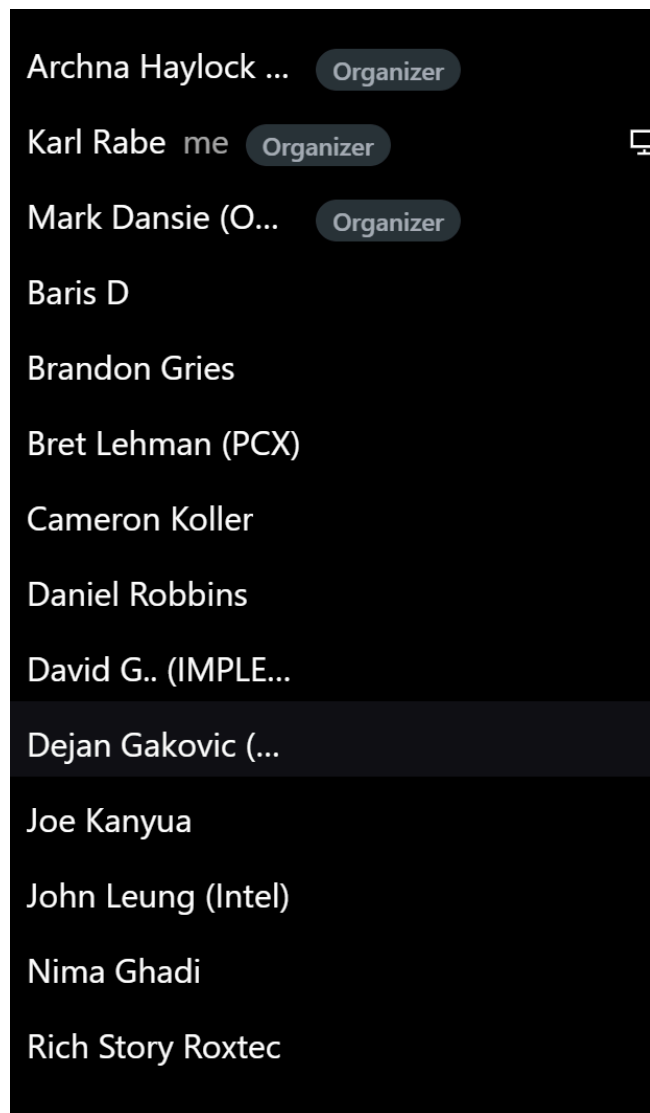OCP Modular Data Center (MDC) Group Meeting Minutes

Reference: MDC Web page, Wiki, Mailing List

Recording for all calls will be placed on the wiki at the bottom of the page.

July 6th, 2022

MDC edge certification - integrate liquid

MDC Usecase Matrix Document User need width Use cases

Look beyond OCP, MDC for Telco, MDC for Open19, MDC for Linux Foundations, MDC for Advanced cooling solutions, ONF, Open-Ran, Mobile edge Community. TIA for Modular Data Centers, Giga Data center, Full post

Attendees:

Karl Rabe me Organizer	🖥 🎤
Archna Haylock…	🚫🎤
Brandon Gries	🎤
Bret Lehman (P…	✂
Greg Sellman (…	🚫🎤
Jay Pang (Roxtec)	🚫🎤
John Leung (Intel)	🚫🎤
Lee Meng Chak	🚫🎤
Marc Cram	🚫🎤
Mark Dansie (O…	🚫🎤
Rich Lappenbus…	🎤
Steve H	🚫🎤
Yung Son (Opto…	🚫🎤

Agenda:

- Mixed and Open Rack Only.
- Nokia Contribution Edge use-case 19" Design
- Whitepaper "OCP-Modular Data Center White Paper"
- 80-20 Approach
- Document release-cycle 3-months
- MEP Limitations
- National Codes US and EU

- Outline of Adoption for modular Data Centers
- Sustainability options, LCA Planning of embedded carbon.
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Attendees: Karl Rabe, Bret L (PCX), Daniel Robbins, David G (Impleon), Dejan G (UL), Erich (Amphenol), John Leung (Intel), Lee Meng Chak(CoolestDC), Natalia, Steve H(OCP), Archna H (OCP)

Agenda
- Intros
- New MDC Leadership: Karl and Brandon Gries (CEI)
- Revise Charter?
- Specifications 90 KW - Schneider did the original one. needs update
- Specification 300KW by Swedish Modules
- OCP Ready™ certification for Edge and for MDC
(https://www.opencompute.org/projects/ocp-readytm-facility-recognition-program)
- NEW Use cases
- White papers (ready in August)
  - What is a MDC? Define this in detail
    - ALL in One
    - Modular Components (lego bricks)
    - Modules in an existing building

Topics
- High Density Racks -Liquid Cooling
- MDC is a Structure
- MDC EIA-19 Solutions
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