Community Networks
Knowledge for Disaster Relief
Lessons learned from 2017 earthquake in Mexico

Dr. Luis M Martinez
ISOC Mx Chapter President
UIA-MX    CCIFT
When disaster happens …

It is when you discover your preparedness level

It is the stress testing day of infrastructure and capabilities

… but not everything can be foreseen, there is always something missing …

9 – SEP – 2017 …. 2 Large simultaneous earthquakes hit Mexico City …. Nearly 200 fallen buildings
Needs

- Communication
  - Voice infrastructure failed
  - Data was ok

- Coordination
  - Army + civil society + volunteers + local government
  - Provide first response

- Location of disaster areas

- Recover efforts

- Rebuild efforts
# Key solutions from CNs

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<th>Resource wise</th>
<th>Lightweight</th>
<th>Fast deployment</th>
<th>Low maintenance</th>
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<td>Limited resources</td>
<td>Hard access areas</td>
<td>Top engineering solutions for low tech environments</td>
<td>Development of local capabilities</td>
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![Image 1](image1.jpg)  ![Image 2](image2.jpg)
Some solutions

- Compiled census
- Designed a all-in-a-box WIFI Solution
- Deployed at shelters (same rural conditions)
- Provided advise on wise-use of the Internet
- Part of V19s SM efforts
- Gathered volunteers from telecom operators