# Core Working Group Meeting Notes (16-May-2019)

**Attendees:**

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<th>Participants (13)</th>
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<tr>
<td>TC</td>
<td>Trevor Conn (Host, me)</td>
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<td></td>
<td>Akram Ahmad (Dell)</td>
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<td>AS</td>
<td>André Srinivasan</td>
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<td></td>
<td>Brandon Forster</td>
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<td>Danube</td>
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<td>EC</td>
<td>Eric Cotter</td>
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<td>Greg Zuro</td>
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<td>JW</td>
<td>Jim Wang</td>
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<td>LG</td>
<td>Lenny Goodell (Intel)</td>
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<td>Michael Estrin</td>
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<td>M</td>
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<td>R</td>
<td>Rebekah</td>
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Old Business

- CBOR
  - Progress Update
- Redis
  - Depends on discussion during DevOps call immediately preceding.

New Business

- Core-Command
  - The purpose of this service is to execute device commands via GET/PUT
    - Look at the service client in core-contracts and you’ll see these are the only two capabilities
  - The source of record for device/command data is core-metadata, so that is where all writable operations for these entities should be located.
  - [Proposal] to remove endpoints facilitating write operations on commands and/or devices in core-command
    - PUT /device/{id} (Used to set admin/operating State on device)
      - Already provided by the following metadata routes
        - PUT /device/{id}/adminstate/{adminState}
        - PUT /device/{id}/opstate/{opState}
    - PUT /device/name/{name} (Used to set admin/operating State on device)
      - Already provided by the following metadata routes
        - PUT /device/name/{name}/adminstate/{adminState}
        - PUT /device/name/{name}/opstate/{opState}
      - PUT /device/{id} (same as above, totally redundant)
      - No one on the call has a problem with this. I will send out a decision email to mailing list.

- Core-Metadata
  - As discussed previously, we are moving toward a strategy whereby commands and their relationship to a device is managed through the DeviceProfile
  - See edgex-go project for more information
- [Proposal] to remove endpoints from core-metadata that facilitate writable operations to the device/command relationship
  - POST & PUT /command (adds or updates a command)
  - DELETE /command/id/{id} (deletes a command by its ID)
  - These endpoints today have no real effect because whenever we return a list of commands for a device, those commands come from the DeviceProfile and not the Commands collection.
  - Our understanding is that it is impractical to have one device out of a set that deviates from the device profile that it was provisioned under. Therefore the device profile should serve as the template for all capabilities that can be performed by a given device.
  - No one on the call has a problem with this. I will send out a decision email to mailing list.
  - If we are not comfortable with removing these, then I suggest for Edinburgh we return 501 – Not Implemented and document this in the RAML.
  - Sounds like removal is OK, but include this as a fallback.

- Fuji Core Deliverables review
  - Stabilization cycle, although I’m sure stuff will come up
  - Notifications when device provisioning (device landscape) changes
  - Discussed increased unit test coverage. This will require some refactoring.
  - Device auto-provisioning support (such as device blacklists). Awaiting more defined requirements.
  - Value Descriptor sync with Device Profile
  - Eliminate Device Service from Device contract type
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- Security / Vault Integration if time permits
o Snaps will have security enabled by default, easier to disable
o Call out on Edinburgh release notes / docs that security will be disabled by default in general docker-compose. There will be a separate docker-compose for security where it will be enabled.

• Documentation issues
  o Review of documentation GitHub backlog