

# High Level CAP Issues Tracker

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## CAP SC Charter

- This subcommittee will develop future versions of the Common Alerting Protocol specification for recommendation to the EM-TC.
- The subcommittee will review and evaluate practices in the CAP community via periodic surveys, workshops, or meetings.
- This subcommittee will provide technical details to the Emergency Adoption TC for the publishing, review, and maintenance of CAP committee notes.

[approved [2015-04-10 CAP SC](#)]

Issues list:

<https://issues.oasis-open.org/issues/?jql=project%20%3D%20EMERGENCY>

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## CAP issue status as of 2015-05-22

For next time:

- Then, let's make progress the non-substantive issues and start CAP 2.0

## Action items from closed issues

- [31](#) - Clarify and standardize ways to cancel a CAP alert
  - Data dictionary under data values for msgType Cancel, reword as "Cancels the earlier message as defined in 2.3.5. Explanation SHOULD appear in Note"  
[2014-11-17 CAP-SC](#)
  - **NON-SUBSTANTIVE** change ([2015-02-09 CAP-SC](#))
- [29](#) - Single text field that summarizes multiple area descriptions
  - "A parameter name and value be established in the practices guide for ealert area summary specifically for CAP 1.2"
  - **NON-SUBSTANTIVE** best-practices change to recommend a standard <parameter> for alert area summary. ([2015-05-08 CAP SC](#))
  - Note that the valueName is temporary until this is elevated to an element in 2.0

- [28](#) - Recommend specifying a time zone in all DateTime fields
  - Making a note about this in the [Best Practices guide](#) and how do we track such. [2014-07-14 CAP-SC](#)
  - **NON-SUBSTANTIVE** best practices change ([2015-02-09 CAP-SC](#))
- [27](#) - Change Headline length limit to 140
  - Change in the document for the suggested number to be changed from 160 to 140 characters. It was further noted that a statement should be added to the [Best Practices guide](#). [2014-07-14 CAP-SC](#)
  - **NON-SUBSTANTIVE** change ([2015-02-09 CAP-SC](#))
- [25](#) - Restrict use of multiple Infos to multi-lingual versioning
  - Develop a guidance document on how to use multiple info blocks, similar in nature to the CAP elements document. [2014-11-03 CAP-SC](#)
  - **NON-SUBSTANTIVE** best-practices/guidance document change ([2015-02-09 CAP-SC](#))
- [23](#) - Specify JSON serialization
  - Elysa to bring to EM-TC on 2014-11-04 [2014-11-03 CAP-SC](#) Motion wording: “The SC agrees that JSON should be considered for future CAP implementations. We recommend that those parties interested in doing so begin a working effort under this SC's governance and guidance.” [2014-11-03 CAP-SC](#)
  - Jacob to write a document explaining [JSON](#) support for: Base-64 encoding, [digital signatures](#), schema validation, data typing, attributes, element order not enforced, lossless transformation between JSON, XML and ASN.1, security concerns
- [22](#) - Modify responseType
  - Change responseType from OPTIONAL to SHOULD.
    - SUBSTANTIVENESS UNCLEAR [[2015-02-09 CAP-SC](#)]
  - Remove None from the list of responseType values.
    - **SUBSTANTIVE** change [[2015-02-09 CAP-SC](#)]
  - Update the description of the Monitor value to indicate that it should be the default value. [2014-10-27 CAP-SC](#)
    - **NON-SUBSTANTIVE** change [[2015-02-09 CAP-SC](#)]
- [17](#) - Add event expiration element
  - **NON-SUBSTANTIVE** best-practices change to recommend a standard <parameter> for event end time. [2015-05-22 CAP SC]
  - “A parameter name and value be established in the practices guide for event ending information specifically for CAP 1.2”
  - Note that the valueName is temporary until this is elevated to an element in 2.0
  - Norm to add more qualifiers if you already use that
  - Name: eventEnd
  - “Value should conform to existing standard for DateTime values in CAP”
  - “onset is the companion to this new valueName”
- [11](#) - Add flood category

- Add Flood to the category values [2014-08-18 CAP-SC](#)
  - **SUBSTANTIVE** change [[2015-02-09 CAP-SC](#)]
- [2](#) - alert.info.instruction size restriction
  - Note Jake, Norm not in favor of having the same note for description.
  - **NON-SUBSTANTIVE** change to note for instruction “Note that lengthy text may undergo truncation by some systems and that vital information should be presented first. 250 characters MAY be a useful target limit for instruction length.”
  - Further discussion added to best-practices document.
  - [2015-05-08 CAP SC](#)
- [1](#) - alert.info.event size restriction
  - **NON-SUBSTANTIVE** change amending the spec note for “event” to say “Note that the event may be used to represent the alert in some displays and should be short and concise. 50 characters MAY be a useful target limit for event length.”
  - [2014-09-15 CAP-SC](#), [2015-05-08 CAP SC](#)

## To be discussed for CAP 2.0

- [36](#) - add a profile element
  - Remains unresolved, seeking community feedback (pending TC-wide standardization on CAP profiles)
  - Would be SUBSTANTIVE
  - [[2015-03-23 CAP-SC](#)]
- [34](#) - Support the concept of an event
  - [2014-12-01 CAP-SC](#), again at [2014-12-08 CAP-SC](#) and [2014-12-29 CAP-SC](#)
  - Eliot’s [eventarea and alertarea proposal](#)
  - Norm’s [summary of 3 separate proposals](#)
  - David has separate proposal with a “switch” in <info> for alert vs event
  - Current status: Need more info from implementers about alert vs event area.
  - Would be SUBSTANTIVE
- [24](#) - Parallel-track CAP 1.3 and 2.0
  - Pending review of remaining issues in this list
- [18](#) - EM TC registration of CAP global parameters
  - Awaiting EM-TC input on methods of registration [2014-07-21 CAP-SC](#)
- [17](#) - Add event expiration element
  - Pending discussion about broader event subelement
  - Seems to be general support for this 2014-11-24 (effective matches expires, this new field would match onset)
  - Would be SUBSTANTIVE
- [16](#) - Support CAP event location and movement
  - Need to review Doug’s [locationarea proposal 2014-07-28 CAP-SC](#)
  - There was some debate on this at 2014-11-24 discussion.

- Would be SUBSTANTIVE
- [15](#) - Support GML for geospatial values
  - Awaiting Jacob to attach the EDXL GML profile information to this ticket for further review [2014-08-11 CAP-SC](#)
  - Would be SUBSTANTIVE
- [13](#) - Allow or deny use of alternate (non-text) info formats
  - Awaiting Jacob to provide further detail and examples in JIRA
  - Would be SUBSTANTIVE
- [8](#) - Add hierarchical data to CAP through XML extensions in schema
  - Note this would also make future schema changes non-substantive
  - Steve's [proposal](#) ([with speaker notes](#))
  - Would be SUBSTANTIVE
- [6](#) - Change "valueName" to "valueListUrn" in value lists
  - Rex to provide the EDXL RIM guidance on value lists [2014-08-25 CAP-SC](#)
  - Would be SUBSTANTIVE
- [5](#) - Add parameter element to alert and area blocks
  - Tabled until the larger issue of adding alert information is resolved. Pending [survey results](#) [2014-09-08 CAP-SC](#)
  - Would be SUBSTANTIVE
- [4](#) - Require alert.info.headline and alert.info.description
  - Need to resolve issue 31 first around Cancel messages [2014-09-15 CAP-SC](#)
  - Would be SUBSTANTIVE
- [3](#) - Process to approve ASN format
  - Awaiting work that the member section has authorized for the review of the ITU contribution regarding CAP 1.2 [2014-10-20 CAP-SC](#)

### Agreement (deferred and closed)

- [39](#) - improve addressing to include recipients
  - Idea is to enable downstream system from CAP creator to decide how to notify a recipient (SMS vs voice vs email vs pager) and escalate
  - Norm: Could you wrap CAP in EDXL-DE to solve this?
  - Elysa: Could [EDXL-CIQ](#) help?
  - Tomer to review these standards and circle back
  - Deferred [[2015-04-10 CAP-SC](#)] Closed [2015-05-22 CAP-SC]
- [38](#) - add a route hint to CAP messages
  - The fact that this would break digital signatures makes this a non-starter.
  - Not appropriate for CAP
  - Route hint should be a transport protocol issue.
  - Consider using EDXL-DE as an envelope for this information instead.
  - Closed [[2015-04-10 CAP-SC](#)]
- [37](#) - add response options element

- Closed, use EDXL-DE [2015-05-22 CAP-SC]
- [35](#) - Area type designation
  - Resolution: Mark as duplicate of 16, adding specific intent as a comment, rather than just the solution
  - If there is an info block for event, this is superceded
  - [\[2015-03-23 CAP-SC\]](#)
- [33](#) - Remove msgType ACK and ERROR (CAP not used for 2-way communication)
  - This is really a discussion on changing the intent of CAP as a method for 2-way communication.
  - This would be a SUBSTANTIVE change.
  - Defer for further discussion. [\[2015-04-24 CAP SC\]](#)
- [32](#) - Make eventCode mandatory
  - Recipients want this to be able to filter.
  - Without a global list of event codes (which would be very difficult to curate) it's not a good idea to mandate eventCode. Maintaining and managing a list is out of scope of the SC
  - Norm points out that it'd be useful to have an "alertCode" as separate from "eventCode". (see issue [34](#))
  - Close as will not fix. [\[2015-04-24 CAP SC\]](#)
- [31](#) - Clarify and standardize ways to cancel a CAP alert
  - Motion: In the next version of CAP, in the data dictionary under data values for msgType Cancel, reword as "Cancels the earlier message as defined in 2.3.5. Explanation SHOULD appear in Note"
  - Effectively, Cancel == Repudiate
  - For a separate issue: Remove Ack and Error ("Error is used in 2-way messaging") [2014-11-17 CAP-SC](#)
- [30](#) - Add an element for related alert linking, partially replacing incidents
  - This would be a SUBSTANTIVE change. Deferring for consideration in CAP 2.0.
  - [\[2015-04-24 CAP SC\]](#)
- [29](#) - Single text field that summarizes multiple area descriptions
  - Defer to CAP 2.0 element. In the meantime, use a standardized parameter.
  - [\[2015-05-08 CAP SC\]](#)
- [28](#) Recommend specifying a time zone in all DateTime fields
  - Consensus was that the client should be the one to determine time. We would recommend to the EM-TC that there be no change in the CAP Specification. Discussion continued regarding making a note about this in the [Best Practices guide](#) and how do we track such. [2014-07-14 CAP-SC](#)
- [27](#) Change Headline length limit to 140
  - Consensus was to make the change in the document for the suggested number to be changed from 160 to 140 characters. It was further noted that a statement should be added to the [Best Practices guide](#). [2014-07-14 CAP-SC](#)
- [26](#) - Eliminate multiple Infos altogether

- Defer, see issue 25 [2014-11-03 CAP-SC](#)
- [25](#) - Restrict use of multiple Infos to multi-lingual versioning
  - Plan is “Develop a guidance document on how to use multiple info blocks, similar in nature to the CAP elements document.”
  - Rationale is that there are valid use-cases for multiple infos (Norm: multiple info blocks makes backwards-referencing easier for large moving storms, especially in the face of alert bifurcation). [2014-11-03 CAP-SC](#)
- [23](#) - Specify JSON serialization
  - Moving forward recommending to the EM-TC that JSON be considered to be included in the next version of CAP, Elysa to bring to EM-TC on 2014-11-04 [2014-11-03 CAP-SC](#)
  - Motion wording: “The SC agrees that JSON should be considered for future CAP implementations. We recommend that those parties interested in doing so begin a working effort under this SC's governance and guidance.” [2014-11-03 CAP-SC](#)
  - Jacob to write a document explaining [JSON](#) support for: Base-64 encoding, [digital signatures](#), schema validation, data typing, attributes, element order not enforced, lossless transformation between JSON, XML and ASN.1, security concerns
- [22](#) - Modify responseType
  - Change responseType from OPTIONAL to SHOULD.
  - Remove None from the list of responseType values.
  - Update the description of the Monitor value to indicate that it should be the default value. [2014-10-27 CAP-SC](#)
- [21](#) - UIDs for alert identifier and references
  - The motion to mark this issue as “no action needed” was put forward. Art moved and it was seconded by Eliot. Art and Rex discussed how best to resolve the identifiers issue at the TC level for all standards. A comment should be added to this issue to state that global identifiers could be addressed by the TC if needed later. All agreed with the motion and it passed. [2014-07-28 CAP-SC](#)
- [20](#) - Change incidents format
  - Conclusion at the July 21, 2014 CAP-SC was to remove the incidents field from the next version of the CAP spec. Separately, [EMERGENCY-30](#) has been opened to track a separate field for related alert linking. [2014-07-21 CAP-SC](#)
- [19](#) - Add parameters to incidents
  - Conclusion at the July 21, 2014 CAP-SC was to remove the incidents field from the next version of the CAP spec. Separately, [EMERGENCY-30](#) has been opened to track a separate field for related alert linking. [2014-07-21 CAP-SC](#)
- [14](#) - support additional area shapes
  - The motion to mark issue 14 as “no action needed” and close it, was put forward. Eliot moved and it was seconded by Norm. All agreed with the motion and it passed. [2014-08-11 CAP-SC](#)

- [12](#) - UIDs for info blocks
  - Deferred to a future version [2014-08-18 CAP-SC](#)
- [11](#) - Add flood category
  - Accepted, add Flood to the category values [2014-08-18 CAP-SC](#)
- [10](#) - Use Area Description field to name polygons
  - No action needed [2014-08-18 CAP-SC](#)
- [9](#) - Extended resources to include supplemental geographic information
  - No action needed [2014-08-25 CAP-SC](#)