


Minutes ETC meeting, June 10th, 2022	 European forum for energy Business Information eXchange
July 1 st , 2022	ETC – ebIX[®] Technical Committee

Minutes ETC meeting, June 10th, 2022

Date: June 10th, 2022
Time: Tuesday 10:00-12:00
Place: GoToMeeting
Present: Jan (NL), EDSN
Jan (SE), Svenska kraftnät
Ove, Edisys

Appendix A: ebIX[®] rules for how to make MRs to WG16

Attachment:

1. Appendixes for ETC minutes (docx)
2. ETC workplan (see ebIX[®] file manager at <https://filemanager.ebix.org/#>)

1 Approval of agenda

The agenda was approved with the following additions:

- Update of ebIX[®] EA cloud repository, see item 4.1.4.
- MRs approved by WG16 - remaining updates for AccountingPoint in IEC 62325-351 (ESMP), see item 4.3.4.
- Review of Resource Aggregator Role (from HG), see item 8.6.
- Request from EBG, see item 13.1 under AOB.

Prioritised items:

- ebIX[®] MRs to WG16 – discussions with CIM EG, see item 4.3.1.

The item was postponed.

- Status for MR ebIX[®] HG 2022/001 Addition of a self-association to the Metering Point, se item 0.

2 Approval of minutes from previous meeting

The minutes from previous meeting were approved.

3 Status for a common ebIX[®], EU DSO Entity, ENTSO-E (CIM EG) and ENTSOG Area project

The item was postponed.

4 Resolve ebIX[®]/IEC issues

4.1 Making a European Style Downstream Market Profile (ESDMP)

4.1.1 [MRs to WG16 CIM modelling team and Information from IEC meetings](#)

MRs to WG16 and their status are found in a separate document “MRs from ebIX to WG16”. The document can be downloaded from the ebIX® File Manager.

Minutes from WG16 meetings can be found at: [WG16 / Modelling-Team-Minutes](#).

Ove had as action added the latest updates of MR 2022/007 to 011 to the Teams Excel sheet.

Jan (SE) informed that he has partly updated chapter 8 from the TR with the latest status.

Continued actions:

- Kees will try finding the definition of source and target for associations according to UML and CCTS.
- Jan (SE) and Kees will try finding contradictions between the usage of source and target between basic CIM (301) and ESMP (351).

New action:

- Jan (NL) will update the cloud version of ESDMP as soon as the new CIM model is received from Becky.

4.1.2 [MRs based on Dutch requirements](#)

Jan (NL) has as action item renamed the attribute “identification” to mRID.

Continued actions:

- Kees will add a MR to the series of other MRs that will be sent from ebIX® based on the Dutch requirements for changing the cardinality of the association between Acknowledgement_MarketDocument and Sender_MarketParticipant/Receiver_MarketParticipant from mandatory [1] into optional [0..1].
- Kees will try to come up with a refined table showing the Dutch MRs, including examples.
- Kees will investigate the usage of a reference to a related document (probably only used in the acknowledgement in the Netherlands) and see if he can find a justification of the “rename of the association named Original Market Document to something more generic”.
- Jan (NL) and Kees will go through the Dutch MRs and see if more of the MRs are MRs to 62325-351 (ESMP).
- Jan (NL) will investigate if the attributes measureUnit and priceMeasureUnit should be associations to the Unit class in 301 (MeasureUnit class in ESDMP) instead of attributes in the Product class. According to Kees the measureUnit and priceMeasureUnit should be attributes in the Product class because of normalisation rules.

4.1.3 [Status for governance of reference models: basic IEC CIM and ESDMP \(follow-up item on the agenda\)](#)

No new status reported.

4.1.4 [Update of ebIX® EA cloud repository](#)

Jan (NL) informed that the ebIX® EA cloud repository is updated with the models from EAP file 20220516_esmpv4_iec61970cim17v34_iec61968cim13v12_iec62325cim04v09.eap:

- The ESMP now includes the «ACC» Accounting Point and «ACC» Exchange Point.
- The Accounting Point and Exchange Point are also part of basic CIM (IEC62325).

Item closed.

4.2 [Status for ENTSO-E CIM EG Retail market subgroup \(follow-up item on the agenda\)](#)

Jan informed that Alvaro has updated the MarketManagement package and ESMP with all agreed changes to MarketEvaluationPoint and sent it to Becky, who will update the basic CIM.

Changes agreed to MktActivityRecord are probably not yet added to MarketManagement or ESMP.

4.3 [Preparations for coming WG16 meetings](#)

4.3.1 [ebIX® MRs to WG16 – discussions with CIM EG](#)

Ove had as action asked the ebIX® flex project if there is a need for a flexibility contract type in CIM 301, ref.:

MR ebIX® 2019/13 (WG16 ID 16_0092) was originally a request for adding a new disconnectionContract attribute (Boolean) in the MarketEvaluationPoint class [0..1].

At a CIM EG Retail market subgroup meeting February 4th, 2022, it was proposed splitting the attribute into two, e.g. renaming the “disconnectionContract” to “flexibilityContract”, keeping it as a Boolean attribute with the following definition:

“Indicates if there is a contract at this Accounting Point as a result of the demand side management or the load management for the Accounting Point”.

and in addition add a new attribute (for the Flexibility Register), e.g. “flexibilityContractType”:

“Specifies the type of contract at this Accounting Point or Resource related to usage in flexibility markets”.

The “Flexibility Contract Type” must be further analysed before submitted to Retail Market Group and/or WG16.

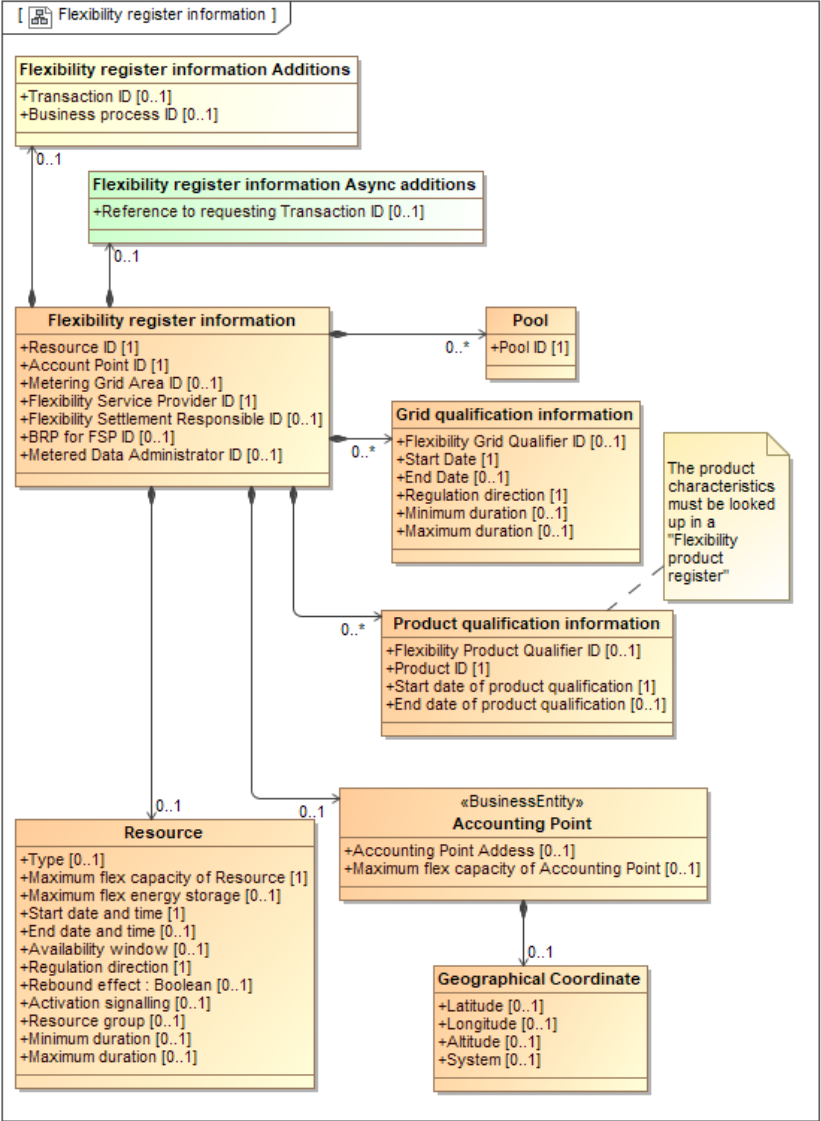
Answer from EBG:

- We are not sure what type of information there is in the “flexibilityContractType”, but we guess we don’t need it. However, we think that the “flexibilityContract” (Boolean) is OK for the MP register. What potentially is needed with the “flexibilityContractType” we think is already in the flexibility register, see the following information:

Conclusion:

- Jan (SE) and Kees will bring the EBG response (class diagram) to the ENTSO-E CIM EG Retail market subgroup and come back if more information is needed.

Item closed.



4.3.2 [Status for versioning discussions in CIM EG Retail market subgroup and WG16](#)

The item was postponed.

4.3.3 [Addition of code list responsible attribute where missing – to remember item](#)

We should try convincing the CIM EG Retail market subgroup and WG16 that we need a code list responsible attribute together with all code list attributes.

Action (low priority):

- Ove will make a memo showing examples where a code list responsible attribute is need together with the code list attribute, e.g. using examples from olde EDIFACT IGs and examples from Google search for “code list responsible”.

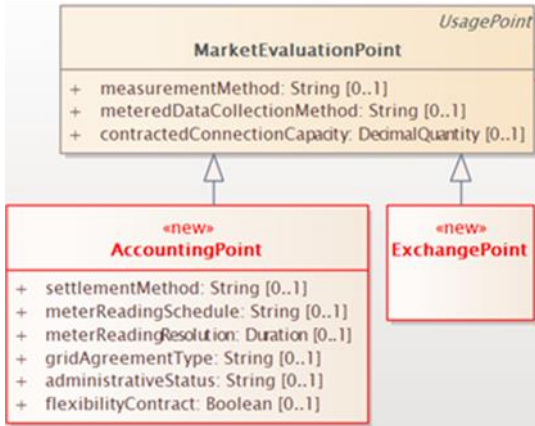
4.3.4 [MRs approved by WG16 - remaining updates for AccountingPoint in IEC 62325-351 \(ESMP\)](#)

For information from Jan (SE):

The MRs regarding MktActivityRecord sent from ebIX® where approved at the WG16 modelling team meeting yesterday. Alvaro will now update the MarketManagement package and also, I presume, ESMP. I suggested him (as he did with the previous updates around MarketEvaluationPoint) to send the model to me for QA before sending it Becky (model manager of WG16).

What remains from the earlier MRs regarding AccountingPoint are updates of IEC 62325-351 (ESMP). Those are described in the MRs, but not all of them added to ESMP. There are some issues there to be discussed before that update could be done. The issues are some attributes to be found in AccountingPoint in IEC 62325-351, i.e. inherited attributes from UsagePoint. And their datatypes.

But let me first bring up one issue regarding IEC 62325-301 to be discussed at the next(?) WG16 modelling team meeting. We now almost have this in CIM:

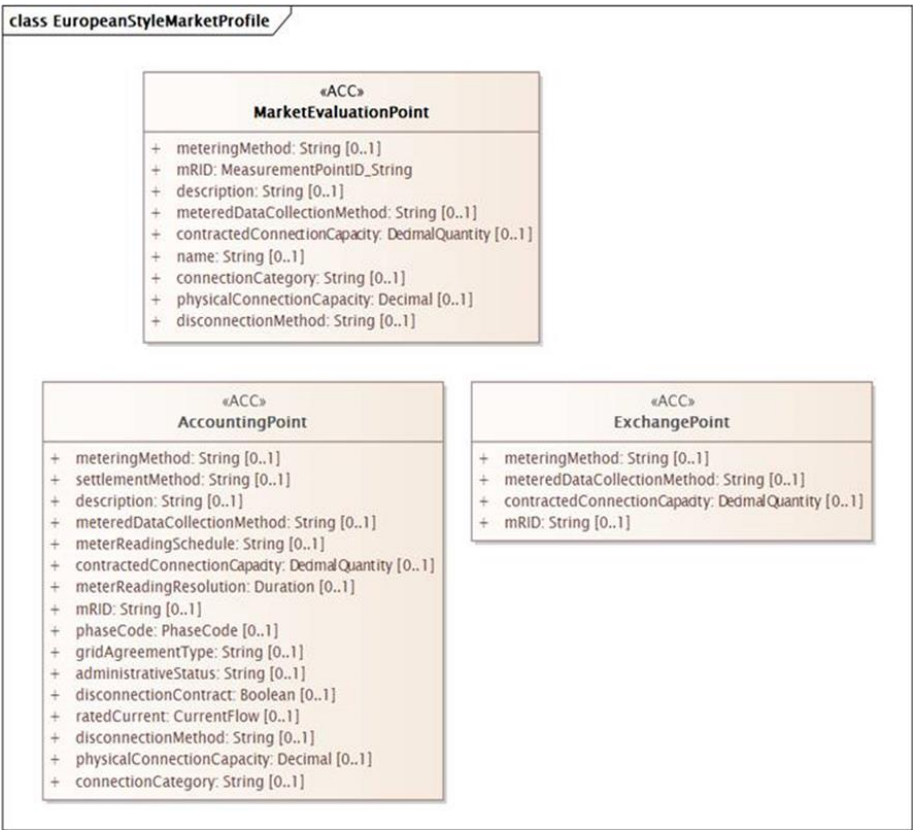


But meterReadingSchedule is not (yet) an attribute in AccountingPoint.

Should we wait for issue <https://redmine.ucaiug.org/issues/5345> to be solved with WG14 or should we add it, and rename it, and remove it from AccountingPoint if “nextReadingSchedule” is added to UsagePoint?

Over to IEC 62325-351:

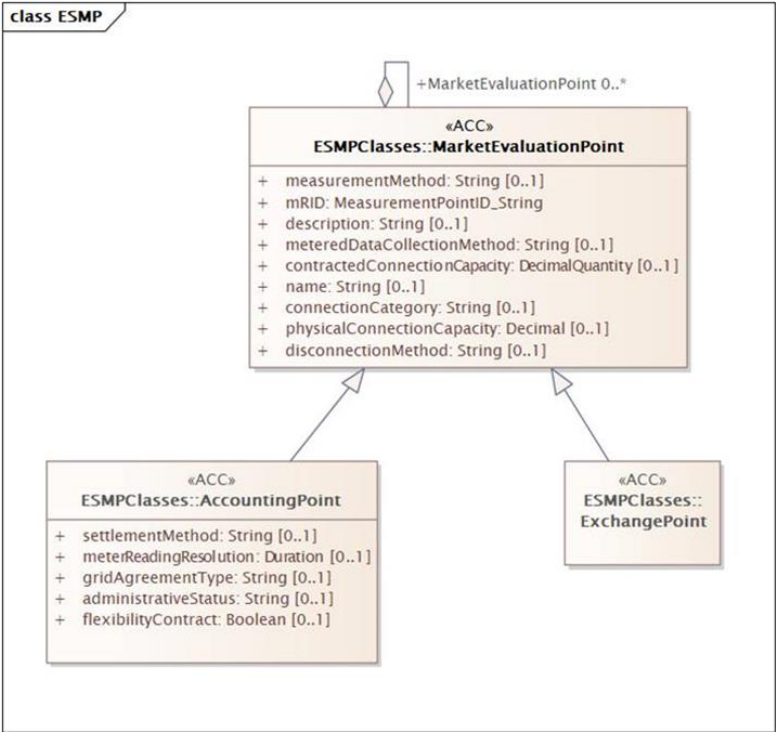
In the MR we expected this to be the result in the ACCs



With the following changes noted in a footnote:

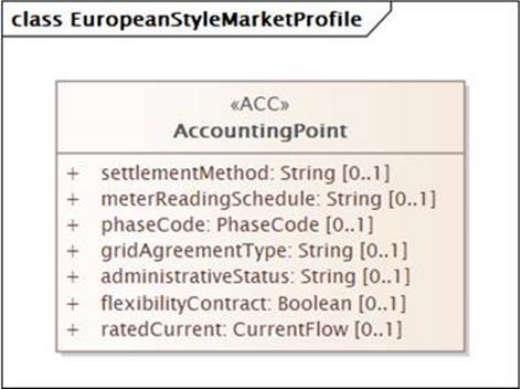
The attribute meteringMethod is now changed to measurementMethod and the attribute disconnectionContract in the figure is now changed to flexibilityContract.

But it now looks like this in ESMP:



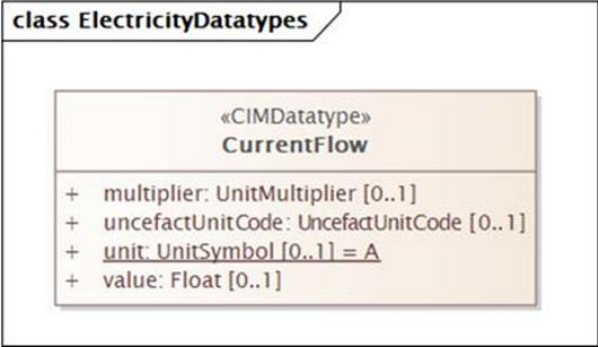
Comments so far

- 1) Good with the self-association for MarketEvaluationPoint
- 2) All attributes are missing in ExchangePoint
 - a. But those would be inherited with the above model, and can then still be taken from MarketEvaluationPoint
- 3) Several attributes are missing in AccountingPoint
 - a. Some could be inherited, as for ExchangePoint
 - b. Some are to be inherited from UsagePoint, and are not needed in MarketEvaluationPoint, and should then only be found in AccountingPoint.
 - c. AccountingPoint in ESMP should then rather look like this:

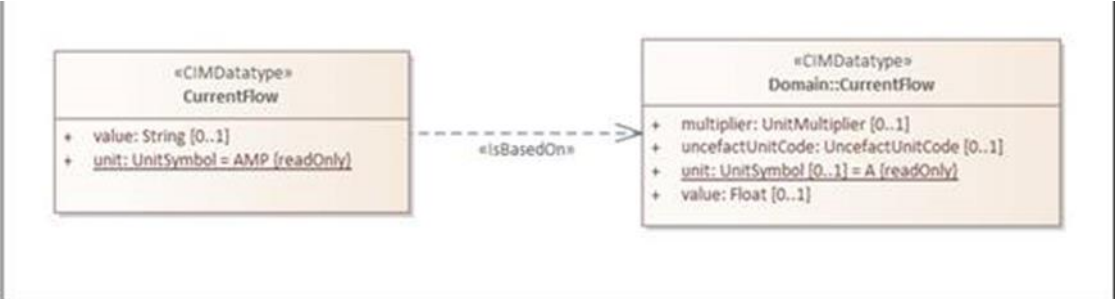


Further comments

- 4) phaseCode and ratedCurrent are missing. The issue to be discussed regards their data types.
 - a. There are no datatypes "PhaseCode" and "CurrentFlow" in ESMP
 - b. In IEC61970 (package Base > Core) there is an enumeration for PhaseCode that we perhaps can't/will not use
 - c. In IEC61970 (package Base > Domain) there is a CIMDataType for CurrentFlow that looks like below, but we don't use "multiplier" in Europe, and we will use the unit "AMP"



- d. I suggest we make a specific MR for IEC 62325-351 describing how we would like to handle the datatypes PhaseCode and CurrentFlow. For CurrentFlow we could there suggest having it like this in ESMP:



I.e. only with the value and with the unit AMP, found in the ENTSO-E code list, taken from UN/Recommendation 20. But how PhaseCode should be handled I think we need to discuss a bit more in ETC. Are there existing enumerations that will tell “one phase” or “three phase”? Or shall we suggest specific ESMP enumerations?

Conclusions:

- It was agreed to await a decision in WG14 before we request addition of “nextReadingSchedule” added to UsagePoint?
- Regarding number of phases we will suggest having a European enumeration stating the number of phases as an integer, i.e. 0, 1 or 3.
- However, the issue of updating the ACC AccountingPoint still needs to be addressed in the CIM EG Retail market subgroup, hence added to agenda item 4.2 in the next agenda.

Item closed.

4.4 Status for European (ebIX® and CIM EG Retail market subgroup) MRs to CIM

Review and update of Excel sheet keeping track of the MRs sent from ebIX®, via the CIM EG Retail Market Subgroup to WG 16. The Excel file is uploaded to the Teams “Team” “ebIX® ETC” where Jan (NL), Jan (SE), Kees and Ove can edit the document simultaneously.

Jan (SE) had as action started on the update of the dates and status for the latest submitted MRs in the common Teams Excel sheet. However, not yet finished.

Continued action:

- Jan (SE) will continue the update of the dates and status for the latest submitted MRs in the common Teams Excel sheet.

5 Persistent uri for the European energy market (follow up item)

The item was postponed.

6 Request from EBG

The item was moved to appendix.

Item closed.

7 EG1 status

The item was postponed.

8 Resolve HG issues

8.1 BRP vs Energy Trader

The item was postponed.

8.2 Status for harmonisation of the electricity and gas markets role models

The item was postponed.

8.3 Suggestions for HEMRM extensions

The item was postponed.

8.4 ebIX HG MR 2021-02 - Rephrase definition of Meter Administrator - for ETC review

The item was postponed.

8.5 Status for MR ebIX® HG 2022/001 Addition of a self-association to the Metering Point

The MR is approved.

Item closed.

8.6 Review of Resource Aggregator Role (from HG)

The current HEMRM presents the Resource Aggregator role with only an indirect connection from the Resource Aggregator to the Resource what does not represent the primary function of the role, i.e., the aggregation of Resources. This proposition limits the aggregation of Resources to Resources within the Accounting Point.

ENTSO-E would like to bring the following proposal for discussion (split by 2 parts):

1. Remove the current relationship between the Resource Aggregator and the Accounting Point. Create a new relationship between the Resource Aggregator and the Resource. Name it as “Aggregates”, as showed below:

New proposal 20220524:

A party that aggregates Resources for usage by other market participants

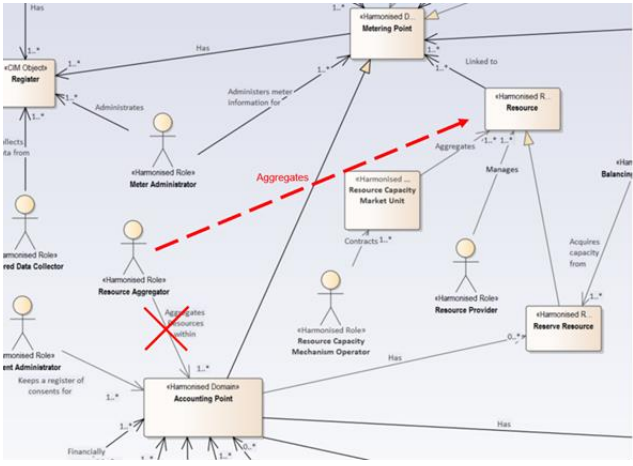
Additional information:

The domain to aggregate within, **such as Resource or Accounting Point**, must be defined by market rules.

In addition, the association will be moved to go from the Resource Aggregator to the Resource.

Action:

- CIM EG and ebIX®/EBG are asked to verify if the latest proposal is OK.



9 ebIX® Business Information Model 2022.A

The item was postponed.

10 Code lists from Magic Draw model in Word format

Review of proposal for introduction - Some questions:

1. What does the text of the code list “ebIX Aggregated for Maintenance” mean?

Conclusion:

- o Defined as “ebIX maintained codes”

2. Why do we have an Agreement Type Code both under “ebIX Aggregated for Maintenance” and “ebIX® Subset”?

Conclusion:

- o Kept as is

3. There are some deprecated code lists, e.g. from the Netherlands – should these be removed?

Conclusion:

- o Kept as is

4. How to deal with deprecated codes in the Word code list?

Conclusion:

- o Kept as is

5. How to deal with “used by”?

Conclusion:

- o No “used by” found in the code list

6. How to deal with national customisation of codes – do we need a rule stating that national codes should avoid an “E” as a prefix?

Conclusion:

- o It was added a note that national codes should avoid “A” and “E” as prefix.

Action:

- Ove will publish the code list.

Item closed.

11 Review of ETC workplan

The item was postponed.

12 Next meetings¹

- Tuesday August 30th and Wednesday 31st, Stockholm, 09:00 – 17:00 and 9:00 - 15:30.
- Tuesday October 25th and Wednesday October 26th, 2022, both days 09:00 – 16:00, BDEW’s offices in Berlin

13 AOB

13.1 Request from EBG

Ove/Jan are asked to ask ETC if we can remove “party” from “Imbalance Settlement Responsible Party” in the code list (“DDX”).

Moved to appendix.

Item closed.

¹ All Face-to-face meeting starts 09:00 the first day and end at 16:00 unless otherwise explicitly stated.

Appendix A ebIX® rules for how to make MRs to WG16

- 1) Artefacts used for MRs to WG16 shall be stored as separate packages in the common cloud EA model.
- 2) Always review existing definitions of attributes, classes etc. that are related to the MR in question and if needed propose updates to these definitions.
- 3) First investigate basic CIM to see if the object we intend to send an MR for already is available there.
If yes, we should make a MR for 62325-351 (ESMP), if not we make a MR for both basic CIM and ESMP.