# Ed-Fi Assessment API Special Interest Group Summary

The following changes are proposed to the Ed-Fi assessment domain model and certification per the meeting on June 25, 2018. These changes will cascade down and be reflected in the Ed-Fi API model.

## Assessment entity changes

* Add a required **AssessmentIdentifier** (Ed-Fi type: string, length 255)
* Change **Namespace** to make required
* Change key to **Namespace** and **AssessmentIdentifier**
  + This addresses a variety of issues reported around uniqueness and key volatility.
* Add an optional **EducationOrganization** reference defined as “The EducationOganization for which the assessment was developed and in which it was employed.”
* Change **AssessedGradeLevel** to be an optional collection; in the documentation, note that the semantics of “null” means the assessment is not associated with any grade level(s)
  + This addresses issues reported around lack of or low grade level alignment in many assessments.
* Add an optional **AdaptiveAssessment** attribute (type: boolean); in documentation, note that the semantics of null is “false”
  + Per discussion, this is intended to offer some additional context re grade level applicability, as well as be useful information for other purposes.
* Change **Version** from required to optional
* Change **Subject** to be a required collection
* Drop **LowestAssessedGradeLevel**; it is no longer needed when AssessedGradeLevel is a collection

## StudentAssessment entity changes

* Add a required **StudentAssessmentIdentifier** (Ed-Fi type: string, length 255)
* Change key to **StudentAssessmentIdentifier** and **AssessmentReference**
  + This addresses reported concerns re identity
* Change **AdministrationDate** to datetime (as opposed to just date), and reference the use of ISO-8601 in definition
  + Per discussion, it was judged that with formative assessments a higher fidelity is needed for date

Note that the **AssessmentReference** will change due to the changes in **Assessment**.

## ObjectiveAssessment entity changes

No changes, but note that the **AssessmentReference** will change due to the changes above.

## LearningObjective entity changes

* Change key to **LearningObjectiveId** and **Namespace**
  + This improves alignment of the key to the LearningStandard key better, and removes the reliance on subject
* Change **AcademicSubject** to be a required collection
* Change **GradeLevel** to be an optional collection; in the documentation, note that the semantics of “null” means the learning objective is not associated with any grade level(s)
  + Reflects that objectives are not always tightly grade level aligned

## Question of vendor-defined enumerations

* Use the list proposed at the meeting + **AccomodationDescriptor** as enumerations for which vendors can introduce new values. Full list of values for which vendors can introduce new values are:
  + **AssessmentPeriodDescriptor**
  + **PerformanceLevelDescriptor**
  + **AccomodationDescriptor**
  + **AssessmentReportingMethodType**
* Require as part of certification that if a vendor introduces a new value in a vendor-flexible list, they must publish this value to the Alliance as part of their certification record in Ed-Fi XML format.

## Other API standard changes

* Drop the concept of designations from the standard and make them part of certification. These need to be further validated to be part of the standards.