**Performance Metrics**

***MetricObservation*** – This is the table name – needs to be renamed.

***MetricObservedID*** – The unique row id for this observation.

***ReceivedFromObserverDateTime*** – The date/time that this observation was received by the collector from the observer.

***ObserverSystemID*** – The SystemID of the observer.

***ObserverApplicationID*** – The “ApplicationID of the observer.

***ObserverServerID*** – The ServerID of the observer.

***TargetSystemID*** – The SystemID of the target (the subject system or other entity that the metric applies to)

***TargetApplicationID*** – The ApplicationID of the target system.

***EnvironmentID*** – The EnvironmentID of the “context” within which the metrics are being captured. Does this need to apply to the “target” by default (current paradigm), or is there a value in capturing the “EnvironmentID” of the “obvserver” too? What about the “Collector”?

***AggregateTypeID*** – This field needs to be renamed. This field describes the nature of the “number” being stored as the metric (MetricValue), for example, is it an “average” an “individual discrete observation”, etc. – Consider. Possibly includes such things as “counts”?? - See also *MetricValueType*.

***MetricID*** – The “metric” that is being captured (i.e. CPU).

***MetricStateID*** – Need to understand what this is? (Actual, Forecast)

***MetricTypeID*** – The “type of metric” – (system metrics, business metrics)

***MetricValueTypeID*** – Need to get this defined.

***IntervalID*** – Refers to an previously defined interval (second, 10 seconds, 15 seconds, etc.) Should this be broken out into a quantity and unit?

***MetricValue*** – The actual measured value.

***MetricCapturedDateTime*** – The date/time that the actual metric was captured. Need to add *AlignedMetricDateTime* which will represent the date/time value coerced into alignment with the “interval”. May need an integer to indicate alignment status, i.e. (0=No Alignment Attempted; 1=Aligned; 2=Failed Alignment, etc.)

***MetricDuration*** – A timespan representing how long something took. Need to look at the usage of this field, if any to determine whether this need could be met by other fields in this record.