

CCSQ Data & Analytics: Roadmap & Vision

1. **Will the "Portal Application" use HARP entitlements and the Security Officer approval process or something new?**

A - Right now, the CCSQ Data & Analytics team is trying to determine the level of granularity that is needed for access. There will be use cases on organizations granted access to data to other organizations, so this is currently being evaluated as part of the approval element. HARP will not be applied universally, but as elements to certain parts of the architecture.

2. **There has been a significant amount of info about adding tools to the CDR "ecosystem". What are current efforts to improve CMS administrative data architecture? For example, better ways to subset claims by beneficiary over long periods of time. In the current Hive architecture, performance is fine when leveraging the clm_thru_dt partition, but often we need to subset claims by beneficiary or provider in addition to time.**

A - The Ambari cluster that we have in place is a fixed set, so the more complex you got, the more resources it's going to set up to use that. The requirement that we had with architecture going forward was to not have that limitation, to allow scaling to take place as the analytic demand increased right and to scale back as intellect demand decreased. From a performance profile, we're going to knock it out a park when it comes to that type. As of today, you either have access to the underlying data set, or you don't right. We don't do any really specific subset partitioning of the data itself. So those filters, the analytics and those joins, have to be done by you individually, as we don't do extracts or abstracted/ETL level claims data. If we see a broad community need for something that's that backlog item I was talking about. Maybe it's a consideration for an improvement that we can do some type of ETL, or some type of data set generation if there is a broad enough demand on it.