ARM*Cloud Project Approach

The ARM*Cloud service follows the standard IB-ARM project approach for site configuration but the IB-ARM site is hosted by IB and on-going administration is performed by IB. The approach is outlined below:

1. **Configuration**

    a. **Code extraction/collection**: IB provides code "collection" instructions on how to extract production source code from its source (version control system, mainframe library, server directory, database catalog, job scheduler, etc.). A client resource is required to set up and run the extraction scripts and FTP the results to the ARM server. Approximately 2-4 days of effort depending on the size of the application portfolio and how well the production source is organized.

    b. **Information Architecture (IA)**: every install is based on an information architecture created for the scope in hand. It is essentially the meta-model for the repository and is based on the technologies/languages involved. It also incorporates all custom needs and requirements (there is less focus on this for POC-s). The starting point for the IA is a series of boilerplate meta-models consistent with the technology mix which then gets modified based on client specifics. IA is completed in a 2-3 hour session, attended by application experts from the client.

    c. **IB-ARM Configuration**: every install requires IB to configure a site profile specific to the client's applications. This profile containing the specific language parsers to be used, site appearance and other options available to create the IB-ARM site. Configuration takes 2-4 weeks depending on whether new parsers or significant customizations are required.

    d. **Acceptance Testing**: Once the tool is configured and the source code is processed, an acceptance test site is published on an IB-hosted server. Client resources then perform acceptance testing to ensure that everything works fine and according to expectations. This typically takes 1-2 weeks elapsed time with 2-3 people.

2. **Installation and Training**
    a. **Installation**: once the IB-ARM site is accepted, it is installed onto an IB-hosted production server. Userid's and passwords are provided for client users.
    b. **Training**: after installation, training is provided on the Analyst Workbench to ensure client staff understand how to use and get benefit from the IB-ARM tool.

3. **Administration**
    a. **Ongoing code extraction/collection**: for each refresh, the source code must be extracted by the client staff and transferred, usually via secure ftp, to IB for processing. Ideally, the extract is automated and scheduled so it is a one-time effort to create the extraction scripts and schedules.
    b. **Ongoing administration**: in the ARM*Cloud installation, the administration is performed by IB staff.