

Harbinger Systems

A Webinar on
**Deploy Big Data Solutions Rapidly in Cloud
through Harbinger's ABC model**
15th January 2014



Question and Answers

Q: How is this ABC model different from traditional Agile iteration model?

Agile models are usually based on the selection of user stories from a backlog, which also keeps on updating. And then it is thought that the iteration time lines also called as sprint will take about 2 – 3 weeks. The fundamental deviation in ABC is that it is based on learning of business problem, selecting the business use case or user story and then researching for choice of technology solution.

Other major difference is that ABC **empowers** all members of teams to participate in ideation phase thus contributing and understanding the expected system architecture. This is one of the most sound approach for a strong communication between the software engineers and architects.

If you have also noted that Cloud is an integral part of ABC model whereas with traditional model, many a times becomes challenging to deploy the application in cloud once it is completely developed.

Q: In your opinion, what is that data size you will call as Big?

It need not be a very huge size of data like hundreds of Gigabytes to qualify as big data. The thumb rule can be any data which the traditional system is not able to handle because of one of the factor belonging to three Vs, the volume, velocity or variety in data, can be termed as Big Data.

Now this can be just 10 MB of data that needs to be processed very fast. In fact so fast that disk IO itself could be slower than the desired time to process. Well, then you can definitely call it a Big Data problem.

Q: Is it that every NoSQL problem is a Big Data problem?

This may not be true. As we defined the Big Data in the beginning as that cannot be easily solved by commodity servers, we start looking for other options. NoSQL if selected and utilized in a correct manner can be scaled to a big data level without making architectural or functional changes in your application.

And we have also noted that while NoSQL provides attractive alternative to Relational Databases, these cannot replace them. The options like in memory key value store like Redis and document oriented databases like Mongo or distributed file system like Hadoop has changed the whole approach, and now there is a new way of thinking to solve the business problems.

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Q: We need some data visualizations in our big data system. We are considering some existing frameworks like Splunk or Tableau. Have you tried these?

It is possible that the existing frameworks or solutions may fit exactly well to your requirements. In such a case this is an excellent choice to use a ready product.

However, if you have to change or modify your requirements of data visualization for some business purpose, then our recommendation is to consider reviewing your decision. Then over a period the approach tends to fit into what is feasible in the tool. So we are inclined to suggest that go for a custom solution, where your business context is understood first and then a solution is arrived at using some methodology, once more ABC model is a good choice.

Q. Will you post the recording or presentation slides of this webinar?

Yes, you can view the recording and presentation slides of the webinar by visiting this link:

<http://www.harbinger-systems.com/landing-page/deploy-big-data-solutions-rapidly-in-cloud-through-harbingers-abc-model>

If you have any further questions or would like more details about the webinar and our services or would like to get notified about our next webinar, please let us know at:

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We look forward to interacting with you!

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