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**Question 1:**

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## Q.1

~~IDero~~ Identify and list the 5 most important factors you will consider in every vendor proposal/bid and why?

Most of the companies are trying to maximize their profit by including cloud system in their business. In case you are planning to move all infrastructures to Public Cloud then the important factors which you must consider in every vendor proposal/bid are as follows:

1) Business Goals
2) Security Concerns
3) Time
4) Data Recovery
5) Cost.

Business Goals: The first thing which you must consider being the Technology officer of the company is the goals that the company wants to achieve while migrating from private cloud to public cloud

Perform a risk-benefit analysis in order to evaluate the strategic decision direction. keep in mind that the things/features which you want to achieve can become accessible to you by considering some specific bid or propal.

Security concerns: It is one of the most important factors to cond consider. The public cloud providers entail higher security frameworks. They make use of best practices in order to secure the data online. Before selecting the vendor, carefully examine that they provide a sufficient security measures in place.

Time : It is one of the most important reasons that why companies switch to cloud computing. The public cloud cloud helps in saving a lot of time and effort. As public cloud user you are not accountable of doing managing any of your cloud hosting solution. All this is managed by your cloud service provider. Consider this factor

before selecting a vendor.

**Data Recovery**, while observing the factors and selecting a vendor for moving data from private to public cloud make sure that you have checked the data recovery strategy plan before making a decision. An effective disaster strategy plan is very important while moving data from private to public cloud.

**cost:** It is one of the most important thing to consider before making a decision. There are many cost related areas i.e software, hardware, human resources, disaster recovery, fault mangement etc. The public cloud can help you in saving money as it does not require any capital investments, maintanince costs, update costs, etc

(Part b) Disscuss you e evaluation criteria?

The evaluation criteria from the five factors which are stated above is security, cost, and strategy plan. The vendor that provides the top-notch features in these three areas will be selected. The plan which you select must provide maximum security, it should be cost effective and provides a best strategy plan. The other two factors are also important but the evaluation can be done using these three.

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## Question #3

<u>Part a</u> : Discuss atleast 4-scrum artifacts --- ?

Scrum is a popular agile framework. It is used for developing, supporting and delivering complex products. People can address the complex problems in this framework while creating some product.

Scrum is light in weight. It is easy to understand difficult to master.
The 4 scrum articraft artifacts/ceremonies which should be reviewed in order to bring changes are as follows:

1) The Sprint Backlog
2) The Sprint Planning
3) Daily Standup
4) Sprint Review.

## The Sprint Backlog : The product

Backlog is basically the lists of items that are requested by the clients to make. But sprint backlog contains the prioritized record of actionable items that should be completed in the current sprint.

## The Sprint Planning : It is a meeting that must take place before the sprint starts. All members must be involved in the meeting team to ensure that everyone understand their tasks and are on the same page.

As this is the time where we can't send people on scrum training and let them learn the things first. The half of the team which is specilized in scrum can lead the fellows and let them do the things which they can manage easily. The sprint planning can help in priotizing user stories in the backlog. It helps in providing a sprint goal. All this can be attained collabaritively. It is the responsibility of product owner to come up with the uppermost priorities of the artifact atleast for the next two sprints. This will then furthur priortized to make a decision which user stories will be worked on in the approaching sprints.

Daily Standup :- This meeting can be help daily for 15-20

minutes after the sprint begins.
The purpose of daily standup is
to make sure that everyone
knows the growth and
development of the sprint and
is familiar to facilitate the
team to course-correct if
required. create important
points in the form of burndown
chart for showing that everyone
is doing work in the right
direction. The meeting focused
on three main questions.

1) what the team members have
done yesterday?

2) what are the plans for today?

3) Are there any abstruction
to continue working.

Sprint Review: The sprint review
meeting is held once the
sprint is completed. The
meeting take place among
Development team, project
owner, scrum master, and

some other important stakeholders
In this meeting, the team
demonstrates the stakeholders
what they have achieved so
far in the Sprint — The
stakeholder than provide feedback
to facilitate the team in
determining the final product
alongside initial sprint goals.

(b) Dissuss actual improvements---?

Here we will review the sprint
backlog as the team has
been working from the past
two monts and nothing
fruitful was been achieved
yet — In the Sprint backlog,
the prioritized record or
actionable items is taken into
account so that the problem
can be identified and
solved in less time — Similarly
sprint planning can help in
improving communication
across the members to
find or make sure that
everyone is on the same page

## Question 3

### Answer

whether you are running a small company or an established organization or working in some software company you might not be able to grip all types of projects. A project manger is required to ~~mage~~ manage things in a better way. A PMI can hep in managing the scheduling techniques, responding to change, risk management, quality control, improved communication etc.

## Develop project Charter

If the PMI is not followed then the team is not able to initiate the project. The project charter is the thing that gives the power to start the undertaking

It includes goals, objectives and the appointing of undertaking director.

## Develop PM plan

The PM plan defines that how processes can be manged together in a tast for improved output and efficiency. Without a PM, it is hard to manage a project management plan by your own.

## Monitor & Control Project work

This is also done by project manger. A project must be manged properly to get the best results.

## Integrated Change control

It take place on individual
level and organizational
level. This is something
that is handled by
project manger.