

1. Why is there a Need for Integration

Hundreds or thousands of applications are custombuilt, third-party, part of legacy systems, etc.

Business applications are complex →writing them are hard

ERP vendors created large business applications, but perform a fraction of the business functions required

2. Advanced erp human resource features

tracking costs

revenues for internal reporting

to help management control costs and revenues

assess the profitability of various products and market segments.

3. What is Autonomic cloud computing

Autonomic computing attempts to specify behaviors that enable the self-management of systems

Self-configuration

self-healing

self-optimizing

selfprotection

4. What are the requirements for implementing WFM system

Well Established IT infrastructure

SOA: Application called as services.

Resources to model the business, to implement them

to support and monitor the running instances

the organization must be ready for change. People get new way of working.

Skilled people.

4. Advantages of Work Flow Management

Higher productivity

Moves knowledge from people to documented process

Rapid adaptation to the market

Location of bottlenecks and runtime changes of process

Statistics about processes

Continued optimization

Reuse of services and processes

All processes are implemented in same framework

5. Which of the following comes within the generic business process

Trigger

6. Which of the following are process steps of the generic business process

Shipment

Payment

Validation

7. Construction of the Effect correspondence Diagram?

For each event on the ELHs draw a box representing each entity affected by the event. Look through the ELH set and find all entities that have the same event occurring and include the entity on the ECD.

Draw a separate box for simultaneous effects on the same entity, where each effect is performed in sequence. This is identified on the ELH where an event 'leaf has a different 'role' in an event for each of the effects.

Include optional effects, where there is a selection of one effect only to be performed. This is when an event can affect an entity in two or more mutually exclusive ways.

Add iterated effects as iterated boxes. This is established by checking the LDS; if a master to detail relationship of 'one to many' is shown then each detail will need updating. The detail node must be notated to show iteration, then a new node representing the set of details is constructed and linked to the iterative node.

Add one-to-one correspondence between effects; to do this you need to examine the entities from the LDS that appear in the ECD that have a one-to-one relationship and ask the question

Merge effects that are iterative. This occurs where an entity is affected in more than one iterative way during an event and where the iterations refer to the same relationship on the LDS. The effects should be merged to show either an iterated selection or a selection of iterations.

Add non-updated entities for enquiry purposes. Having dealt with the entities that will be updated by the event, the diagram must now be checked to ensure that all data needed for the event is present. Examine the ECD and ask if all data is represented that is required for output from the event; also is it possible to access all entities on the ECD without using unaffected entities from the LDS? If the answer is no then add the entities in question to the ECD.

8. A plant can be used to represent which of the following?

A factory

An office

A storage facility (warehouse, Distribution center C)

[illegible]