Oracle AME (Requisition) Integration to Oracle E-Business Suite

Background

The client is a US-based subsidiary of a global transportation services company. They operate and maintain a fleet of more than 21,500 buses serving nearly 600 school districts across the US.

Inclement weather and high mileage are among the most common challenges faced during the customer's year-round operations, and require proactive vehicle maintenance to ensure passenger safety. Involved in the customer's bus maintenance process is the procurement of spare parts and services in large quantities, which has often created scenarios where multiple requisitions must be approved simultaneously before being forwarded for procurement and fulfillment.
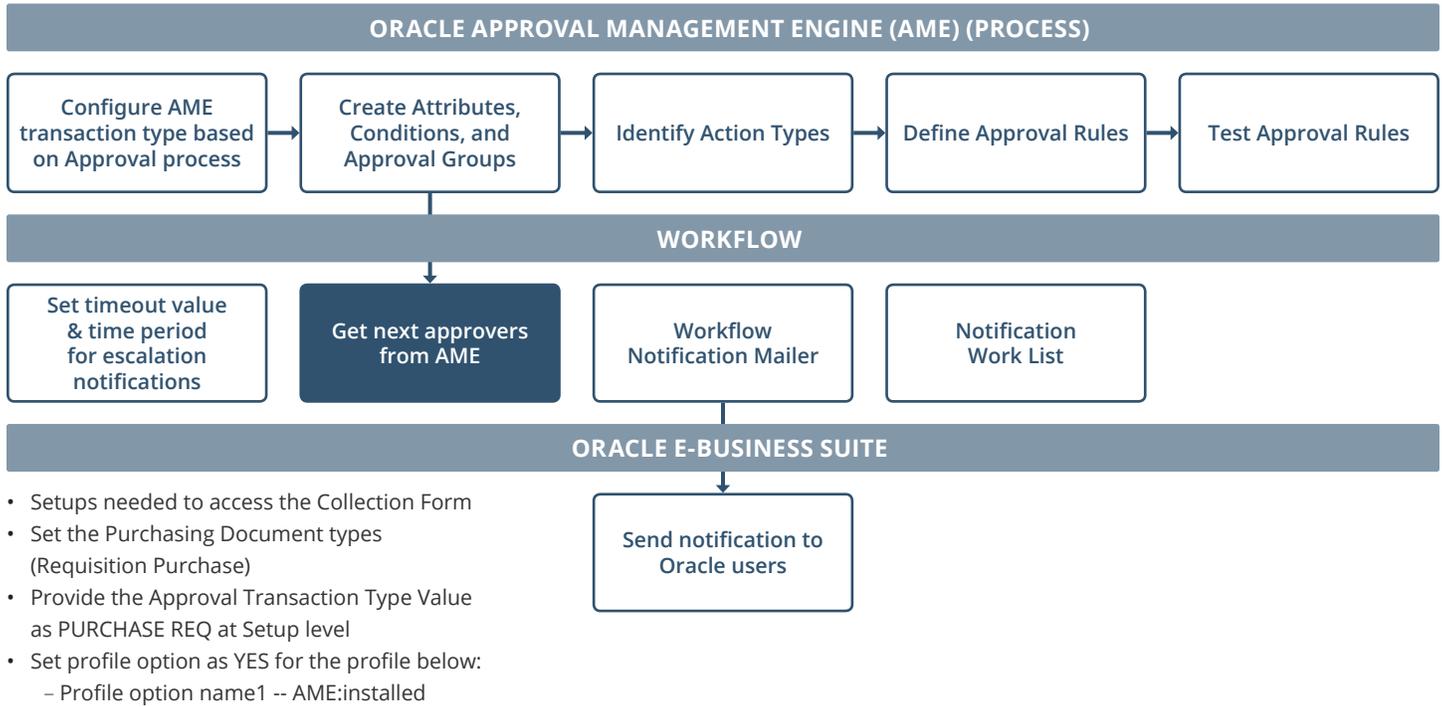
Solution Approach

Based on Job hierarchy and approval limits, ennVee implemented the AME Requisition Approval Process to Oracle EBS Purchasing within the customer's application architecture framework. This would optimize the AME capabilities by streamlining the entire Requisition process and approval workflows.

Building the integration between Oracle EBS and the requisition process would provide a single set of requisition data between both applications that the customer can use to automatically generate approvals and notify the appropriate individual or department. The overall Requisition process involved multiple levels, all of which were managed by customizing the approval workflow.

Solution Process

1. Set up AME approval process by creating approval hierarchy, approval groups and rules

2. Enable the AME setup by using Profile (AME:Installed)

3. Set the Purchasing "Document types (select the Requisition Purchase Value)"

4. Provide the Approval Transaction Type Value as PURCHASE_REQ at Setup level

5. Include the Custom Approval Process in Requisition Workflow

---

Client Snapshot

- Student transportation and transit services provider for school districts in North America.

- Location: Chicago, Illinois

- 10,000+ employees

- $900M annual revenue

Project Topology

- Oracle E-Business Suite (EBS) R12.x

- Oracle Approval Management Engine (AME)

- Workflow

Figure 1. Oracle AME (Requisition) to Oracle E-Business Suite integration process

ORACLE APPROVAL MANAGEMENT ENGINE (AME) (PROCESS)

| Configure AME transaction type based on Approval process | Create Attributes, Conditions, and Approval Groups | Identify Action Types | Define Approval Rules | Test Approval Rules |

WORKFLOW

| Set timeout value & time period for escalation notifications | Get next approvers from AME | Workflow Notification Mailer | Notification Work List |

ORACLE E-BUSINESS SUITE

- Setups needed to access the Collection Form
- Set the Purchasing Document types (Requisition Purchase)
- Provide the Approval Transaction Type Value as PURCHASE REQ at Setup level
- Set profile option as YES for the profile below:
  – Profile option name1 -- AME:installed

Send notification to Oracle users

Outcome and Business Benefits

ennVee's solution made the customer's procurement process more agile and enabled requisitions to be cleared faster by:

- Streamlining multiple hand-offs for approval with the automated workflow
- Eliminating redundant data
- Minimizing manual, time-intensive proposal generation
- Maintaining consistent Requisition approval
- Sending automated approval notifications with Requisition information to superiors