

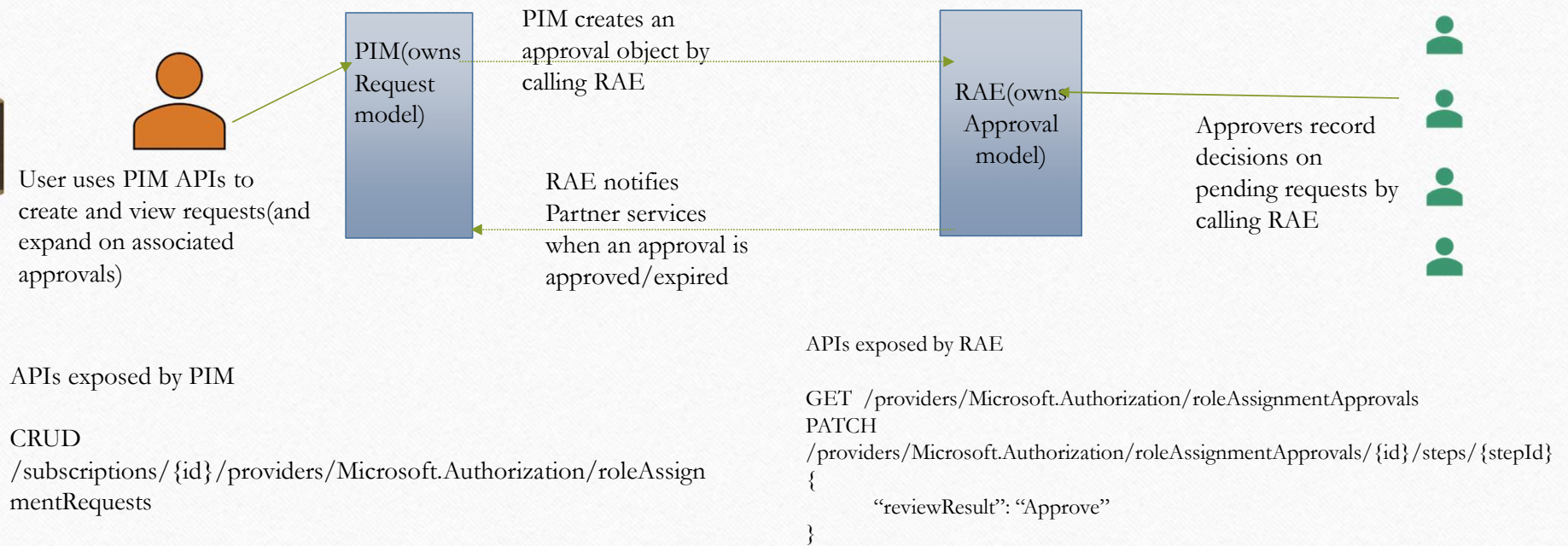
Scenario

- A user has an eligible role assignment for a role in a subscription
- Activation into that role assignment requires approval
- The user can create a role assignment request for activation which creates an item for approval
- Approvers can approve/deny this approval item
- Note that request APIs have been reviewed previously here : [Adding Specs for PIM resources by amanswaika · Pull Request #2049 · Azure/azure-rest-api-specs-pr \(github.com\)](#)

Personas

- Admin : Can view all requests/approvals
- Request Creator : Person who creates the request
- Request Target : Person who is the target of the request
- Approver : Persons who can approve/deny this request

Request Approval Flow(ARM)



Models

- RoleAssignmentApproval
- RoleAssignmentApprovalStep
 - Every approval can have multiple steps(which require approval from different people)

APIs we're planning on exposing

- GET /providers/Microsoft.Authorization/roleAssignmentApprovals
 - Filter options:
 - AsApprover()
 - AsCreatedBy()
 - AsTarget()
- GET /providers/Microsoft.Authorization/roleAssignmentApprovals/{id}
- GET/providers/Microsoft.Authorization/roleAssignmentApprovals/{id}/steps
- GET/PATCH /providers/Microsoft.Authorization/roleAssignmentApprovals/{id}/steps/{id}

Example scenario(Approver)

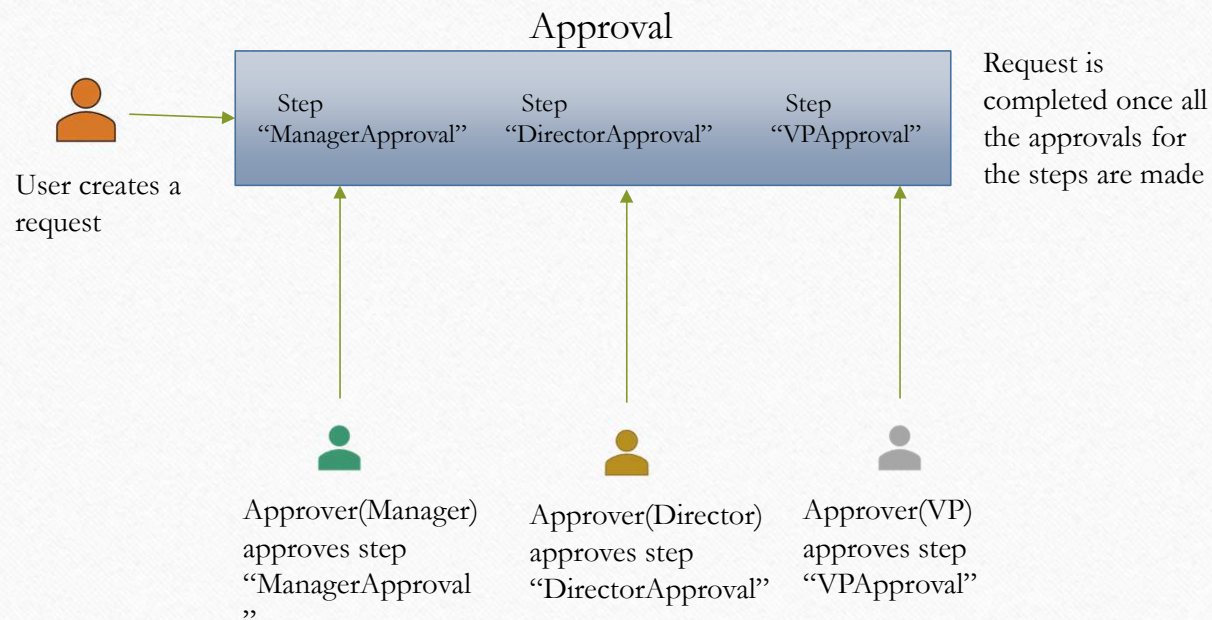
- Call#1 : GET /providers/Microsoft.Authorization/roleAssignmentRequests?\$filter=AsApprover()
- Call#2 : GET /providers/Microsoft.Authorization/roleAssignmentApprovals/{id}/steps
(Get steps associated with an approval record)
- PATCH/providers/Microsoft.Authorization/roleAssignmentApprovals/{id}/steps/{stepId}
{
 "reviewResult": "Approve",
 "justification": "I trust this person"
}
(to approve the approval step)

Single Step Approval Flow



Multi Step Approvals

Serial Approval Flow



Parallel Approval Flow

