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|  | **Topic** | **Status** | **PPT Created and Code Check in** |
| POC1 | Customer Profile Management (CIF): API Gateway, Step Function Dynamo DB **CRUD operation** | Completed | Yes |
| POC2 | Convert Json Input to XML transformation Using Lambda | Completed | Yes |
| POC3 | Check for “Sequential tasks” in Step Function | Completed | Yes |
| POC4 | Orchestration and transformation (Demo already given to the team, XKE session) | Completed | Yes |
| POC5 | Use MOCK Integration type in Integration Request(Rest API Gateway) | Completed | Yes |
| POC6 | Use HTTP Integration type in Integration Request(Rest API Gateway) | Completed | Yes |
| POC7 | StartExecution and DescribeExecution States (Standard Work flow Step functions) | Completed | Yes |
| POC8 | API Gateway integration with Okta as Identity provider | Completed | Yes |
| POC9 | AWS API gateway Developer Portal Creation | Completed | Yes |
| POC10 | Create API Proxy to the backend system with TLS + Basic Authentication | Completed | Yes |
| POC11 | Use Amazon S3 bucket to trigger the Lambda function | Completed | Yes |
| POC12 | Manage non-API manager gateway APIs in dev portal | Completed | Yes |
| POC13 | **Capability check only:** Upload Swagger doc in S3 and wrap it up with API Gateway url | **N/A** |  |
| POC14 | Capability Deck PPT preparation only - Lambda and Step Functions | Completed | Yes |
| POC15 | **DevOps**: Get Lambda code from Github Repo and deploy it using AWSCode Commit | Completed | Yes |
| POC16 | AWS SAM (Deploy lambda function) with Visual Code | Completed | Yes |
| POC17 | **DevOps**: Get Lambda, Step Functions code from Github Repo and deploy it using AWSCode Commit | Completed | Yes |
| POC18 | AWS SSO | Completed | Yes |
| POC19 | **Prepare for Demo:** AWS SAM Demo Build, Package and Deploy lambda(local) with external dependency Locally | **N/A** |  |
| POC20 | **AWS SAM** : (API gateway -> Express Async Step Functions -> Lambda functions) using AWS SAM and VS deploy to AWS | Completed | Yes |
| POC21 | AWS Hotel,Flight, Car Booking POC with Step Functions | **In progress** |  |
| POC22 | **AWS SAM :** (API gateway -> Express Sync Step Functions -> Lambda functions) using AWS SAM and VS Code to build, test, deploy to AWS | **In progress** |  |
| POC23 | **AWS SAM: (**Customer profile management)Step 1: API gateway -> Step function -> lambda -> Dynambo DB (Create, Delete, update)  Step 2: Update the Dynamob db table from backend.  Step 3:  Triggers an **EventBrigde** event that will trigger SNS(email) and publish.  Step 4: Whoever subscribe that email will consume the event  AWS (API Gateway ->Lambda ->DynamoDB - > EventBridge - >Lambda) using SAM model |  |  |