

# Manoj - Fine-Grained IAM Policy Document

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**Document Type:** IAM Policy Implementation Guide

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## Lab Account Policies

### 1. Service Catalog Policy

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "ServiceCatalogAdminAccess",
      "Effect": "Allow",
      "Action": [
        "servicecatalog:DescribeProduct",
        "servicecatalog:DescribeProductView",
        "servicecatalog:SearchProducts",
        "servicecatalog:ListPortfolios",
        "servicecatalog:ListServiceActions",
        "servicecatalog:DescribeConstraint",
        "servicecatalog:DescribePortfolio",
        "servicecatalog:CreateProduct",
        "servicecatalog>DeleteProduct",
        "servicecatalog>DeleteResourcePolicy",
        "servicecatalog:UpdatePortfolio",
        "servicecatalog>DeletePortfolio",
        "servicecatalog:UpdateProduct",
        "servicecatalog:CreatePortfolio"
      ],
      "Resource": "*"
    }
  ]
}
```

### 2. S3 Policy - Lab Account

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "S3FullAccess",
      "Effect": "Allow",
      "Action": [
        "s3:ListBucket",
        "s3:GetObject",
        "s3:GetBucketAcl",
        "s3:GetObjectAcl",
        "s3:CreateBucket",
        "s3:DeleteBucket",
        "s3:DeleteObject",
        "s3:PutObject",
        "s3:PutBucketPolicy",
        "s3:PutObjectAcl",
        "s3:PutBucketAcl",
        "s3:PutObjectTagging",
        "s3:PutBucketTagging",
        "s3:DeleteObjectTagging"
      ],
      "Resource": [
        "arn:aws:s3:::*",
        "arn:aws:s3:::*/*"
      ]
    }
  ]
}

```

### 3. SageMaker Policy - Lab Account

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "SageMakerListOperations",
      "Effect": "Allow",
      "Action": [
        "sagemaker:ListModelMetadata",
        "sagemaker:ListModelQualityJobDefinitions",
        "sagemaker:ListMonitoringAlerts",
        "sagemaker:ListProjects",
        "sagemaker:ListTags",
        "sagemaker:ListDomains",
        "sagemaker:ListEndpointConfigs",
        "sagemaker:ListModelBiasJobDefinitions",
        "sagemaker:ListModelPackageGroups",
        "sagemaker:ListModels",
        "sagemaker:ListNotebookInstances",

```

```

        "sagemaker:ListPipelineExecutions",
        "sagemaker:ListPipelines",
        "sagemaker:ListTrainingJobs",
        "sagemaker:ListTransformJobs",
        "sagemaker:ListUserProfiles",
        "sagemaker:ListArtifacts",
        "sagemaker:ListEndpoints",
        "sagemaker:ListHyperParameterTuningJobs",
        "sagemaker:ListInferenceComponents",
        "sagemaker:ListModelPackages",
        "sagemaker:ListMonitoringSchedules",
        "sagemaker:ListPipelineExecutionSteps",
        "sagemaker:ListProcessingJobs"
    ],
    "Resource": "*"
},
{
    "Sid": "SageMakerDescribeOperations",
    "Effect": "Allow",
    "Action": [
        "sagemaker:BatchDescribeModelPackage",
        "sagemaker:DescribeEndpointConfig",
        "sagemaker:DescribeHyperParameterTuningJob",
        "sagemaker:DescribeInferenceComponent",
        "sagemaker:DescribeModel",
        "sagemaker:DescribeModelPackageGroup",
        "sagemaker:DescribeTransformJob",
        "sagemaker:DescribeUserProfile",
        "sagemaker:DescribeArtifact",
        "sagemaker:DescribeModelQualityJobDefinition",
        "sagemaker:DescribePipeline",
        "sagemaker:DescribeProcessingJob",
        "sagemaker:DescribeTrainingJob",
        "sagemaker:DescribeDomain",
        "sagemaker:DescribeEndpoint",
        "sagemaker:DescribeModelPackage",
        "sagemaker:DescribeMonitoringSchedule",
        "sagemaker:DescribeProject"
    ],
    "Resource": "*"
},
{
    "Sid": "SageMakerCreateUpdateOperations",
    "Effect": "Allow",
    "Action": [
        "sagemaker:CreateArtifact",
        "sagemaker:CreateEndpoint",
        "sagemaker:CreateProject",
        "sagemaker:CreateSpace",
        "sagemaker:CreateApp",
        "sagemaker:CreateEndpointConfig",
        "sagemaker:CreateModelPackage",
        "sagemaker:CreateMonitoringSchedule",
        "sagemaker:CreatePipeline",

```

```

        "sagemaker:CreateTransformJob",
        "sagemaker:CreateUserProfile",
        "sagemaker:CreateDomain",
        "sagemaker:CreateModel",
        "sagemaker:CreateModelPackageGroup",
        "sagemaker:CreateProcessingJob",
        "sagemaker:CreateTrainingJob",
        "sagemaker:UpdateDomain",
        "sagemaker:UpdateProject",
        "sagemaker:UpdateTrainingJob",
        "sagemaker:UpdateUserProfile",
        "sagemaker:UpdateEndpoint",
        "sagemaker:UpdateModelPackage",
        "sagemaker:UpdatePipeline"
    ],
    "Resource": "*"
},
{
    "Sid": "SageMakerDeleteOperations",
    "Effect": "Allow",
    "Action": [
        "sagemaker:DeleteApp",
        "sagemaker:DeleteDomain",
        "sagemaker:DeleteEndpoint",
        "sagemaker:DeleteModelPackage",
        "sagemaker:DeleteModelQualityJobDefinition",
        "sagemaker:DeletePipeline",
        "sagemaker:DeleteEndpointConfig",
        "sagemaker:DeleteProject",
        "sagemaker:DeleteSpace",
        "sagemaker:DeleteModel",
        "sagemaker:DeleteUserProfile"
    ],
    "Resource": "*"
},
{
    "Sid": "SageMakerExecutionOperations",
    "Effect": "Allow",
    "Action": [
        "sagemaker:StartPipelineExecution",
        "sagemaker:StopProcessingJob",
        "sagemaker:StartMonitoringSchedule",
        "sagemaker:StopMonitoringSchedule",
        "sagemaker:StopPipelineExecution",
        "sagemaker:StopTransformJob",
        "sagemaker:AddTags",
        "sagemaker:DeleteTags"
    ],
    "Resource": "*"
}
]
}

```

#### 4. CodeBuild Policy - Lab Account

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "CodeBuildAdminAccess",
      "Effect": "Allow",
      "Action": [
        "codebuild:ListBuildsForProject",
        "codebuild:ListRepositories",
        "codebuild:ListBuilds",
        "codebuild:ListProjects",
        "codebuild:BatchGetBuilds",
        "codebuild:BatchGetProjects",
        "codebuild:DeleteWebhook",
        "codebuild:StartBuild",
        "codebuild:StopBuildBatch",
        "codebuild:UpdateProject",
        "codebuild:CreateProject",
        "codebuild:CreateWebhook",
        "codebuild:RetryBuild",
        "codebuild:StartBuildBatch",
        "codebuild:UpdateWebhook",
        "codebuild:DeleteProject",
        "codebuild:StopBuild"
      ],
      "Resource": "*"
    }
  ]
}
```

#### 5. CodePipeline Policy - Lab Account

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "CodePipelineFullAccess",
      "Effect": "Allow",
      "Action": [
        "codepipeline:ListPipelineExecutions",
        "codepipeline:ListPipelines",
        "codepipeline:ListWebhooks",
        "codepipeline:GetPipelineExecution",
        "codepipeline:ListActionExecutions",
        "codepipeline:GetPipelineState",
        "codepipeline:GetPipeline",
        "codepipeline:CreatePipeline",
        "codepipeline:DeleteWebhook",

```

```

        "codepipeline:PutJobFailureResult",
        "codepipeline:RetryStageExecution",
        "codepipeline:StopPipelineExecution",
        "codepipeline:PutJobSuccessResult",
        "codepipeline:PutWebhook",
        "codepipeline:DeletePipeline",
        "codepipeline:StartPipelineExecution",
        "codepipeline:UpdatePipeline",
        "codepipeline:TagResource"
    ],
    "Resource": "*"
}
]
}

```

## 6. CloudFormation Policy - Lab Account

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "CloudFormationFullAccess",
      "Effect": "Allow",
      "Action": [
        "cloudformation:DescribeStacks",
        "cloudformation:ListChangeSets",
        "cloudformation:ListStacks",
        "cloudformation:DescribeStackEvents",
        "cloudformation:DescribeStackResource",
        "cloudformation:GetTemplate",
        "cloudformation:CreateStack",
        "cloudformation>DeleteStack",
        "cloudformation:CreateChangeSet",
        "cloudformation>DeleteChangeSet",
        "cloudformation:UpdateStack",
        "cloudformation:TagResource"
      ],
      "Resource": "*"
    }
  ]
}

```

## 7. Lambda Policy - Lab Account

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "LambdaFullAccess",

```

```

    "Effect": "Allow",
    "Action": [
        "lambda:ListFunctions",
        "lambda:GetFunction",
        "lambda:GetFunctionConfiguration",
        "lambda:ListLayers",
        "lambda:CreateFunction",
        "lambda:InvokeFunction",
        "lambda:UpdateFunctionConfiguration",
        "lambda:PutFunctionEventInvokeConfig",
        "lambda>DeleteFunction",
        "lambda:InvokeFunctionUrl",
        "lambda:UpdateFunctionCode",
        "lambda:UpdateFunctionEventInvokeConfig",
        "lambda:AddPermission",
        "lambda:TagResource"
    ],
    "Resource": "*"
}
]
}

```

## 8. EventBridge Policy - Lab Account

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "EventBridgeFullAccess",
      "Effect": "Allow",
      "Action": [
        "events:ListEndpoints",
        "events:ListEventBuses",
        "events:ListRules",
        "events:ListConnections",
        "events:ListEventSources",
        "events:DescribeEndpoint",
        "events:DescribeEventBus",
        "events:DescribeConnection",
        "events:DescribeEventSource",
        "events:DescribeRule",
        "events:CreateEventBus",
        "events>DeleteConnection",
        "events:EnableRule",
        "events:RemoveTargets",
        "events:UpdateEndpoint",
        "events:CreateConnection",
        "events>DeleteEndpoint",
        "events>DeleteRule",
        "events:PutRule",
        "events:UpdateEventBus",

```

```

        "events:CreateEndpoint",
        "events:DeleteEventBus",
        "events:DisableRule",
        "events:PutEvents",
        "events:PutTargets",
        "events:UpdateConnection",
        "events:PutPermission",
        "events:TagResource"
    ],
    "Resource": "*"
}
]
}

```

## 9. Glue Policy - Lab Account

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "GlueConsoleFullAccess",
      "Effect": "Allow",
      "Action": [
        "glue:ListCrawls",
        "glue:ListJobs",
        "glue:ListCrawlers",
        "glue:GetCatalogs",
        "glue:GetConnection",
        "glue:GetJobBookmark",
        "glue:GetJobs",
        "glue:GetSchema",
        "glue:GetSession",
        "glue:GetTriggers",
        "glue:GetCatalog",
        "glue:GetCrawlers",
        "glue:GetDatabase",
        "glue:GetJobRun",
        "glue:GetTables",
        "glue:GetWorkflow",
        "glue:GetWorkflowRuns",
        "glue:GetCrawler",
        "glue:GetDatabases",
        "glue:GetJobRuns",
        "glue:GetTable",
        "glue:GetWorkflowRun",
        "glue:CreateBlueprint",
        "glue:CreateRegistry",
        "glue:CreateMLTransform",
        "glue>DeleteCatalog",
        "glue>DeleteCrawler",
        "glue>DeleteSchema",

```



```

        "glue:DeleteSession",
        "glue:StopCrawler",
        "glue:StopSession",
        "glue:UpdateConnection",
        "glue:UpdateDatabase",
        "glue:UpdateTable",
        "glue:UpgradeJob",
        "glue:CreateCatalog",
        "glue:CreateConnection",
        "glue:CreateDatabase",
        "glue:CreatePartition",
        "glue:CreateSchema",
        "glue:CreateSession",
        "glue:CreateTrigger",
        "glue:CreateWorkflow",
        "glue:DeleteJob",
        "glue:DeleteTable",
        "glue:StartCrawler",
        "glue:StopTrigger",
        "glue:UpdateCatalog",
        "glue:UpdateCrawler",
        "glue:UpdateSchema",
        "glue:UpdateMLTransform",
        "glue:CreateCrawler",
        "glue:CreateJob",
        "glue:CreateTable",
        "glue:DeleteConnection",
        "glue:DeleteDatabase",
        "glue:UpdateCrawlerSchedule",
        "glue:UpdateJob",
        "glue:TagResource"
    ],
    "Resource": "*"
}
]
}

```

## 10. Athena Policy - Lab Account

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "AthenaFullAccess",
      "Effect": "Allow",
      "Action": [
        "athena:ListDatabases",
        "athena:ListNamedQueries",
        "athena:ListDataCatalogs",
        "athena:BatchGetNamedQuery",
        "athena:GetDatabase",

```

```

        "athena:GetQueryExecution",
        "athena:GetTables",
        "athena:ListQueryExecutions",
        "athena:GetDataCatalog",
        "athena:GetNamedQuery",
        "athena:GetQueryExecutions",
        "athena:GetTable",
        "athena:GetWorkGroup",
        "athena:ListTableMetadata",
        "athena:BatchGetQueryExecution",
        "athena:GetCatalogs",
        "athena:GetNamespace",
        "athena:GetQueryResults",
        "athena:GetTableMetadata",
        "athena:CreateDataCatalog",
        "athena:RunQuery",
        "athena:StartSession",
        "athena:TerminateSession",
        "athena:UpdateNamedQuery",
        "athena:CancelQueryExecution",
        "athena:CreateNamedQuery",
        "athena:DeleteDataCatalog",
        "athena:UpdateWorkGroup",
        "athena:CreateWorkGroup",
        "athena:DeleteNamedQuery",
        "athena:DeleteWorkGroup",
        "athena:StartQueryExecution",
        "athena:StopQueryExecution",
        "athena:UpdateDataCatalog",
        "athena:TagResource"
    ],
    "Resource": "*"
}
]
}

```

## 11. IAM Policy - Lab Account

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "IAMFullAccess",
      "Effect": "Allow",
      "Action": [
        "iam:CreateGroup",
        "iam:DeleteRole",
        "iam:UpdateGroup",
        "iam:UpdateRole",
        "iam:CreateAccessKey",
        "iam:CreateRole",

```

```

        "iam:DeleteUser",
        "iam:UpdateUser",
        "iam:CreateUser",
        "iam:PassRole",
        "iam:CreatePolicy",
        "iam:DeleteUserPolicy",
        "iam:PutRolePolicy",
        "iam:DetachUserPolicy",
        "iam:AttachRolePolicy",
        "iam:DeletePolicy",
        "iam:DeleteRolePolicy",
        "iam:UpdateAssumeRolePolicy",
        "iam:AttachUserPolicy",
        "iam:DetachRolePolicy",
        "iam:PutUserPolicy",
        "iam:TagPolicy",
        "iam:TagRole",
        "iam:TagUser"
    ],
    "Resource": "*"
}
]
}

```

## 12. Support Policy - Lab Account

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "SupportAccess",
      "Effect": "Allow",
      "Action": [
        "support:*"
      ],
      "Resource": "*"
    }
  ]
}

```

---

## Demo Internals Account Policies

### 1. S3 Policy - Demo Internals

```

{
  "Version": "2012-10-17",
  "Statement": [
    {

```

```

        "Sid": "S3FullAccess",
        "Effect": "Allow",
        "Action": [
            "s3:ListBucket",
            "s3:GetObject",
            "s3:GetBucketAcl",
            "s3:GetObjectAcl",
            "s3:CreateBucket",
            "s3>DeleteBucket",
            "s3>DeleteObject",
            "s3:PutObject",
            "s3:PutBucketPolicy",
            "s3:PutObjectAcl",
            "s3:PutBucketAcl",
            "s3:PutObjectTagging",
            "s3:PutBucketTagging",
            "s3>DeleteObjectTagging"
        ],
        "Resource": [
            "arn:aws:s3:::*",
            "arn:aws:s3:::*/*"
        ]
    }
}

```

## 2. SageMaker Policy - Demo Internals

```

{
    "Version": "2012-10-17",
    "Statement": [
        {
            "Sid": "SageMakerFullAccess",
            "Effect": "Allow",
            "Action": [
                "sagemaker:ListModelMetadata",
                "sagemaker:ListModelQualityJobDefinitions",
                "sagemaker:ListMonitoringAlerts",
                "sagemaker:ListProjects",
                "sagemaker:ListTags",
                "sagemaker:ListDomains",
                "sagemaker:ListEndpointConfigs",
                "sagemaker:ListModelBiasJobDefinitions",
                "sagemaker:ListModelPackageGroups",
                "sagemaker:ListModels",
                "sagemaker:ListNotebookInstances",
                "sagemaker:ListPipelineExecutions",
                "sagemaker:ListPipelines",
                "sagemaker:ListTrainingJobs",
                "sagemaker:ListTransformJobs",
                "sagemaker:ListUserProfiles",
            ]
        }
    ]
}

```

```
"sagemaker:ListArtifacts",
"sagemaker:ListEndpoints",
"sagemaker:ListHyperParameterTuningJobs",
"sagemaker:ListInferenceComponents",
"sagemaker:ListModelPackages",
"sagemaker:ListMonitoringSchedules",
"sagemaker:ListPipelineExecutionSteps",
"sagemaker:ListProcessingJobs",
"sagemaker:BatchDescribeModelPackage",
"sagemaker:DescribeEndpointConfig",
"sagemaker:DescribeHyperParameterTuningJob",
"sagemaker:DescribeInferenceComponent",
"sagemaker:DescribeModel",
"sagemaker:DescribeModelPackageGroup",
"sagemaker:DescribeTransformJob",
"sagemaker:DescribeUserProfile",
"sagemaker:DescribeArtifact",
"sagemaker:DescribeModelQualityJobDefinition",
"sagemaker:DescribePipeline",
"sagemaker:DescribeProcessingJob",
"sagemaker:DescribeTrainingJob",
"sagemaker:DescribeDomain",
"sagemaker:DescribeEndpoint",
"sagemaker:DescribeModelPackage",
"sagemaker:DescribeMonitoringSchedule",
"sagemaker:DescribeProject",
"sagemaker:CreateArtifact",
"sagemaker:CreateEndpoint",
"sagemaker:CreateProject",
"sagemaker:CreateSpace",
"sagemaker>DeleteApp",
"sagemaker>DeleteDomain",
"sagemaker>DeleteEndpoint",
"sagemaker>DeleteModelPackage",
"sagemaker>DeleteModelQualityJobDefinition",
"sagemaker>DeletePipeline",
"sagemaker:StartPipelineExecution",
"sagemaker:StopProcessingJob",
"sagemaker:UpdateDomain",
"sagemaker:UpdateProject",
"sagemaker:UpdateTrainingJob",
"sagemaker:UpdateUserProfile",
"sagemaker:CreateApp",
"sagemaker:CreateEndpointConfig",
"sagemaker:CreateModelPackage",
"sagemaker:CreateMonitoringSchedule",
"sagemaker:CreatePipeline",
"sagemaker:CreateTransformJob",
"sagemaker:CreateUserProfile",
"sagemaker>DeleteEndpointConfig",
"sagemaker>DeleteProject",
"sagemaker>DeleteSpace",
"sagemaker:StartMonitoringSchedule",
"sagemaker:UpdateEndpoint",
```

```

        "sagemaker:UpdateModelPackage",
        "sagemaker:UpdatePipeline",
        "sagemaker:CreateDomain",
        "sagemaker:CreateModel",
        "sagemaker:CreateModelPackageGroup",
        "sagemaker:CreateProcessingJob",
        "sagemaker:CreateTrainingJob",
        "sagemaker:DeleteModel",
        "sagemaker:DeleteUserProfile",
        "sagemaker:StopMonitoringSchedule",
        "sagemaker:StopPipelineExecution",
        "sagemaker:StopTransformJob",
        "sagemaker:AddTags",
        "sagemaker:DeleteTags"
    ],
    "Resource": "*"
}
]
}

```

### 3. CloudFormation Policy - Demo Internals

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "CloudFormationFullAccess",
      "Effect": "Allow",
      "Action": [
        "cloudformation:DescribeStacks",
        "cloudformation:ListChangeSets",
        "cloudformation:ListStacks",
        "cloudformation:DescribeStackEvents",
        "cloudformation:DescribeStackResource",
        "cloudformation:GetTemplate",
        "cloudformation:CreateStack",
        "cloudformation>DeleteStack",
        "cloudformation:CreateChangeSet",
        "cloudformation>DeleteChangeSet",
        "cloudformation:UpdateStack",
        "cloudformation:TagResource"
      ],
      "Resource": "*"
    }
  ]
}

```

### 4. Lambda Policy - Demo Internals

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "LambdaFullAccess",
      "Effect": "Allow",
      "Action": [
        "lambda:ListFunctions",
        "lambda:GetFunction",
        "lambda:GetFunctionConfiguration",
        "lambda:ListLayers",
        "lambda:CreateFunction",
        "lambda:InvokeFunction",
        "lambda:UpdateFunctionConfiguration",
        "lambda:PutFunctionEventInvokeConfig",
        "lambda>DeleteFunction",
        "lambda:InvokeFunctionUrl",
        "lambda:UpdateFunctionCode",
        "lambda:UpdateFunctionEventInvokeConfig",
        "lambda:AddPermission",
        "lambda:TagResource"
      ],
      "Resource": "*"
    }
  ]
}

```

## 5. EventBridge Policy - Demo Internals

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "EventBridgeFullAccess",
      "Effect": "Allow",
      "Action": [
        "events:ListEndpoints",
        "events:ListEventBuses",
        "events:ListRules",
        "events:ListConnections",
        "events:ListEventSources",
        "events:DescribeEndpoint",
        "events:DescribeEventBus",
        "events:DescribeConnection",
        "events:DescribeEventSource",
        "events:DescribeRule",
        "events:CreateEventBus",
        "events>DeleteConnection",
        "events:EnableRule",
        "events:RemoveTargets",

```

```

        "events:UpdateEndpoint",
        "events:CreateConnection",
        "events>DeleteEndpoint",
        "events>DeleteRule",
        "events:PutRule",
        "events:UpdateEventBus",
        "events:CreateEndpoint",
        "events>DeleteEventBus",
        "events:DisableRule",
        "events:PutEvents",
        "events:PutTargets",
        "events:UpdateConnection",
        "events:PutPermission",
        "events:TagResource"
    ],
    "Resource": "*"
}
]
}

```

## 6. IAM Policy - Demo Internals

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "IAMFullAccess",
      "Effect": "Allow",
      "Action": [
        "iam:CreateGroup",
        "iam>DeleteRole",
        "iam:UpdateGroup",
        "iam:UpdateRole",
        "iam:CreateAccessKey",
        "iam:CreateRole",
        "iam>DeleteUser",
        "iam:UpdateUser",
        "iam:CreateUser",
        "iam:PassRole",
        "iam:CreatePolicy",
        "iam>DeleteUserPolicy",
        "iam:PutRolePolicy",
        "iam:DetachUserPolicy",
        "iam:AttachRolePolicy",
        "iam>DeletePolicy",
        "iam>DeleteRolePolicy",
        "iam:UpdateAssumeRolePolicy",
        "iam:AttachUserPolicy",
        "iam:DetachRolePolicy",
        "iam:PutUserPolicy",
        "iam:TagPolicy",

```



```

        "iam:TagRole",
        "iam:TagUser"
    ],
    "Resource": "*"
}
]
}

```

## Hackathon Account Policies

### 1. S3 Policy - Hackathon

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "S3FullAccess",
      "Effect": "Allow",
      "Action": [
        "s3:ListBucket",
        "s3:GetObject",
        "s3:GetBucketAcl",
        "s3:GetObjectAcl",
        "s3:CreateBucket",
        "s3>DeleteBucket",
        "s3>DeleteObject",
        "s3:PutObject",
        "s3:PutBucketPolicy",
        "s3:PutObjectAcl",
        "s3:PutBucketAcl",
        "s3:PutObjectTagging",
        "s3:PutBucketTagging",
        "s3>DeleteObjectTagging"
      ],
      "Resource": [
        "arn:aws:s3:::*",
        "arn:aws:s3:::*/*"
      ]
    }
  ]
}

```

### 2. SageMaker Policy - Hackathon

```

{
  "Version": "2012-10-17",
  "Statement": [
    {

```

```
"Sid": "SageMakerFullAccess",
"Effect": "Allow",
"Action": [
    "sagemaker:ListModelMetadata",
    "sagemaker:ListModelQualityJobDefinitions",
    "sagemaker:ListMonitoringAlerts",
    "sagemaker:ListProjects",
    "sagemaker:ListTags",
    "sagemaker:ListDomains",
    "sagemaker:ListEndpointConfigs",
    "sagemaker:ListModelBiasJobDefinitions",
    "sagemaker:ListModelPackageGroups",
    "sagemaker:ListModels",
    "sagemaker:ListNotebookInstances",
    "sagemaker:ListPipelineExecutions",
    "sagemaker:ListPipelines",
    "sagemaker:ListTrainingJobs",
    "sagemaker:ListTransformJobs",
    "sagemaker:ListUserProfiles",
    "sagemaker:ListArtifacts",
    "sagemaker:ListEndpoints",
    "sagemaker:ListHyperParameterTuningJobs",
    "sagemaker:ListInferenceComponents",
    "sagemaker:ListModelPackages",
    "sagemaker:ListMonitoringSchedules",
    "sagemaker:ListPipelineExecutionSteps",
    "sagemaker:ListProcessingJobs",
    "sagemaker:BatchDescribeModelPackage",
    "sagemaker:DescribeEndpointConfig",
    "sagemaker:DescribeHyperParameterTuningJob",
    "sagemaker:DescribeInferenceComponent",
    "sagemaker:DescribeModel",
    "sagemaker:DescribeModelPackageGroup",
    "sagemaker:DescribeTransformJob",
    "sagemaker:DescribeUserProfile",
    "sagemaker:DescribeArtifact",
    "sagemaker:DescribeModelQualityJobDefinition",
    "sagemaker:DescribePipeline",
    "sagemaker:DescribeProcessingJob",
    "sagemaker:DescribeTrainingJob",
    "sagemaker:DescribeDomain",
    "sagemaker:DescribeEndpoint",
    "sagemaker:DescribeModelPackage",
    "sagemaker:DescribeMonitoringSchedule",
    "sagemaker:DescribeProject",
    "sagemaker:CreateArtifact",
    "sagemaker:CreateEndpoint",
    "sagemaker:CreateProject",
    "sagemaker:CreateSpace",
    "sagemaker:DeleteApp",
    "sagemaker:DeleteDomain",
    "sagemaker:DeleteEndpoint",
    "sagemaker:DeleteModelPackage",
    "sagemaker:DeleteModelQualityJobDefinition",
```

```

        "sagemaker:DeletePipeline",
        "sagemaker:StartPipelineExecution",
        "sagemaker:StopProcessingJob",
        "sagemaker:UpdateDomain",
        "sagemaker:UpdateProject",
        "sagemaker:UpdateTrainingJob",
        "sagemaker:UpdateUserProfile",
        "sagemaker:CreateApp",
        "sagemaker:CreateEndpointConfig",
        "sagemaker:CreateModelPackage",
        "sagemaker:CreateMonitoringSchedule",
        "sagemaker:CreatePipeline",
        "sagemaker:CreateTransformJob",
        "sagemaker:CreateUserProfile",
        "sagemaker:DeleteEndpointConfig",
        "sagemaker:DeleteProject",
        "sagemaker:DeleteSpace",
        "sagemaker:StartMonitoringSchedule",
        "sagemaker:UpdateEndpoint",
        "sagemaker:UpdateModelPackage",
        "sagemaker:UpdatePipeline",
        "sagemaker:CreateDomain",
        "sagemaker:CreateModel",
        "sagemaker:CreateModelPackageGroup",
        "sagemaker:CreateProcessingJob",
        "sagemaker:CreateTrainingJob",
        "sagemaker:DeleteModel",
        "sagemaker:DeleteUserProfile",
        "sagemaker:StopMonitoringSchedule",
        "sagemaker:StopPipelineExecution",
        "sagemaker:StopTransformJob",
        "sagemaker:AddTags",
        "sagemaker:DeleteTags"
    ],
    "Resource": "*"
}
]
}

```

### 3. CloudFormation Policy - Hackathon

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "CloudFormationFullAccess",
      "Effect": "Allow",
      "Action": [
        "cloudformation:DescribeStacks",
        "cloudformation:ListChangeSets",
        "cloudformation:ListStacks",

```

```

        "cloudformation:DescribeStackEvents",
        "cloudformation:DescribeStackResource",
        "cloudformation:GetTemplate",
        "cloudformation:CreateStack",
        "cloudformation>DeleteStack",
        "cloudformation:CreateChangeSet",
        "cloudformation>DeleteChangeSet",
        "cloudformation:UpdateStack",
        "cloudformation:TagResource"
    ],
    "Resource": "*"
}
]
}

```

#### 4. Lambda Policy - Hackathon

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "LambdaFullAccess",
      "Effect": "Allow",
      "Action": [
        "lambda:ListFunctions",
        "lambda:GetFunction",
        "lambda:GetFunctionConfiguration",
        "lambda:ListLayers",
        "lambda:CreateFunction",
        "lambda:InvokeFunction",
        "lambda:UpdateFunctionConfiguration",
        "lambda:PutFunctionEventInvokeConfig",
        "lambda>DeleteFunction",
        "lambda:InvokeFunctionUrl",
        "lambda:UpdateFunctionCode",
        "lambda:UpdateFunctionEventInvokeConfig",
        "lambda:AddPermission",
        "lambda:TagResource"
      ],
      "Resource": "*"
    }
  ]
}

```

#### 5. EventBridge Policy - Hackathon

```

{
  "Version": "2012-10-17",
  "Statement": [

```

```

{
  "Sid": "EventBridgeFullAccess",
  "Effect": "Allow",
  "Action": [
    "events:ListEndpoints",
    "events:ListEventBuses",
    "events:ListRules",
    "events:ListConnections",
    "events:ListEventSources",
    "events:DescribeEndpoint",
    "events:DescribeEventBus",
    "events:DescribeConnection",
    "events:DescribeEventSource",
    "events:DescribeRule",
    "events:CreateEventBus",
    "events>DeleteConnection",
    "events:EnableRule",
    "events:RemoveTargets",
    "events:UpdateEndpoint",
    "events:CreateConnection",
    "events>DeleteEndpoint",
    "events>DeleteRule",
    "events:PutRule",
    "events:UpdateEventBus",
    "events:CreateEndpoint",
    "events>DeleteEventBus",
    "events:DisableRule",
    "events:PutEvents",
    "events:PutTargets",
    "events:UpdateConnection",
    "events:PutPermission",
    "events:TagResource"
  ],
  "Resource": "*"
}

```

## 6. IAM Policy - Hackathon

```

{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "IAMFullAccess",
      "Effect": "Allow",
      "Action": [
        "iam:CreateGroup",
        "iam>DeleteRole",
        "iam:UpdateGroup",
        "iam:UpdateRole",

```

```
        "iam:CreateAccessKey",
        "iam:CreateRole",
        "iam:DeleteUser",
        "iam:UpdateUser",
        "iam:CreateUser",
        "iam:PassRole",
        "iam:CreatePolicy",
        "iam:DeleteUserPolicy",
        "iam:PutRolePolicy",
        "iam:DetachUserPolicy",
        "iam:AttachRolePolicy",
        "iam:DeletePolicy",
        "iam:DeleteRolePolicy",
        "iam:UpdateAssumeRolePolicy",
        "iam:AttachUserPolicy",
        "iam:DetachRolePolicy",
        "iam:PutUserPolicy",
        "iam:TagPolicy",
        "iam:TagRole",
        "iam:TagUser"
    ],
    "Resource": "*"
}
]
```