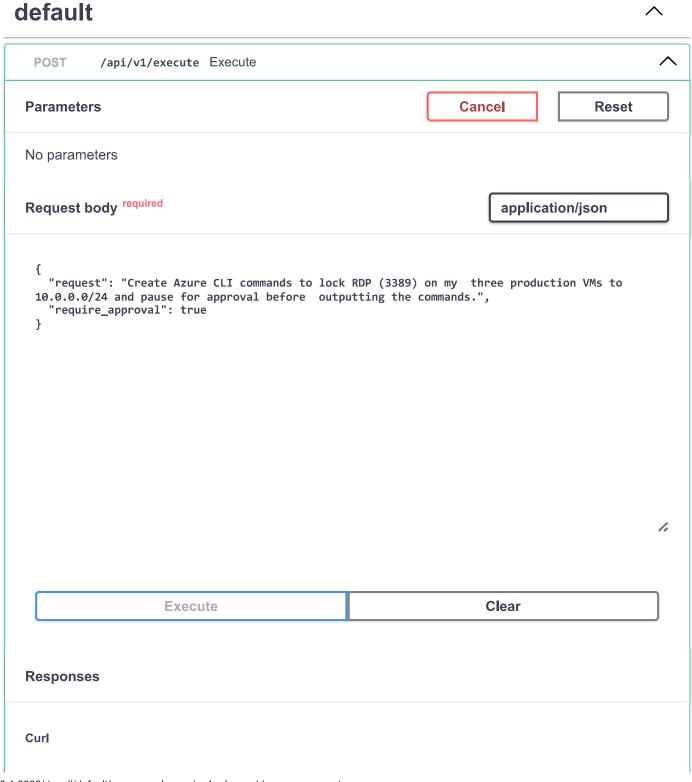
# Agentic Al Microservice 1.0.0 OAS 3.1

/openapi.json

Agentic LLM-powered microservice for IT request automation.



```
curl -X 'POST' \
  'http://127.0.0.1:8000/api/v1/execute' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -d '{
   "request": "Create Azure CLI commands to lock RDP (3389) on my three production VMs to 10.0.0.
   "require_approval": true
}
```

## Request URL

http://127.0.0.1:8000/api/v1/execute

#### Server response

#### Code

200

## Response body

Details

```
"task_id": "e553e432-dadb-4871-9f43-e298aedcfa0d",
  "status": "waiting_approval",
  "result": {
    "agents": [
      "AutomationAgent",
      "WriterAgent"
   ],
"steps": [
      "Generate Azure CLI commands to lock RDP (3389) on the three production VMs
to 10.0.0.0/24",
      "Pause and await approval before executing the commands",
      "Prepare structured content summarizing the action for approval"
    "summary": "The plan outlines the generation of Azure CLI commands to restrict
RDP access, followed by a pause for approval.",
    "require_approval": true,
    "status": "waiting_approval",
"task_id": "026fffa6-4ae7-4faf-af12-16bb3a1a4fc3"
                                                                            Download
```

#### Response headers

```
content-length: 582
content-type: application/json
date: Sun,18 May 2025 23:49:28 GMT
server: uvicorn
```

#### Responses

Code Description Links

## 200 Successful Response

No links

Media type

## application/json

Controls Accept header.

Example Value Schema

```
Code
             Description
                                                                                               Links
                "task_id": "string",
"status": "string",
                "result": {
                  "additionalProp1": {}
             Validation Error
                                                                                               No links
422
             Media type
               application/json
             Example Value Schema
                "detail": [
                     "loc": [
                       "string",
                     "msg": "string",
"type": "string"
            /api/v1/plans/{id}/approve Approve Plan
 POST
                                                                                             Cancel
Parameters
Name
               Description
id * required
                 e553e432-dadb-4871-9f43-e298aedcfa0d
string
(path)
                      Execute
                                                                           Clear
Responses
Curl
curl -X 'POST' \
   'http://127.0.0.1:8000/api/v1/plans/e553e432-dadb-4871-9f43-e298aedcfa0d/approve' \
```

```
-H 'accept: application/json' \
-d ''
```

## **Request URL**

http://127.0.0.1:8000/api/v1/plans/e553e432-dadb-4871-9f43-e298aedcfa0d/approve

### Server response

## Code

Details

200

## Response body

```
{
  "status": "completed",
  "error": null
}
```

Download

#### Response headers

```
content-length: 35
content-type: application/json
date: Sun,18 May 2025 23:49:51 GMT
server: uvicorn
```

## Responses

## Code Description

Links

## 200 Successful Response

No links

Media type

## application/json

Controls Accept header.

## Example Value Schema

```
{
    "status": "string",
    "error": "string"
}
```

## 422 Validation Error

No links

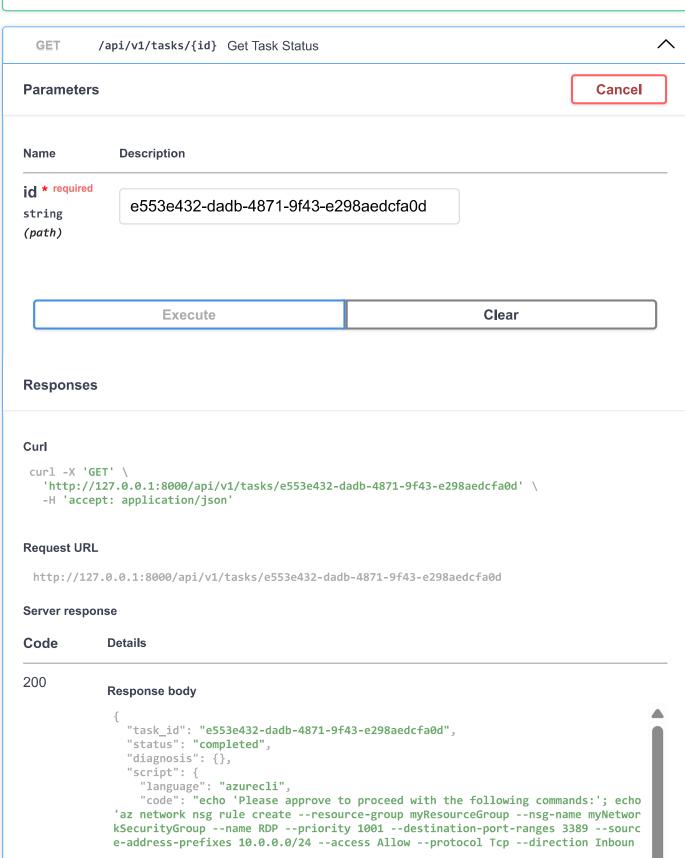
Media type

## application/json

## Example Value Schema

```
Code Description Links

| POST /api/v1/plans/{id}/reject Reject Plan
```



## Code Details

```
d'",
"lint_passed": true
  "email_draft": "Subject: Proposed Azure CLI Commands to Restrict RDP Access fo
r Production VMs\n\nThe following Azure CLI commands are proposed to restrict Re
mote Desktop Protocol (RDP) access (port 3389) for our three production VMs to t
he CIDR range of 10.0.0.0/24. Please review and approve before execution:\n\n1.
Identify the resource group and VM names:\n ```\n RESOURCE_GROUP='yourResour
ceGroup'\n VM1='yourVM1'\n VM2='yourVM2'\n VM3='yourVM3'\n ```\n\n2. Set
the network security rule to restrict access:\n ```\n az network nsg rule cr
eate --resource-group $RESOURCE_GROUP --nsg-name 'yourNSGName' --name 'RDP-Restr
iction' --priority 100 --source-address-prefixes '10.0.0.0/24' --destination-nor
                                                                  `` Download
t-ranges 3389 --access Allow --protocol Tcp --direction Inbound
sociate the NSG with each VM's network interface:\n ```\n az
                                                                  Jor
ate --resource-group $RESOURCE_GROUP --name 'nic-of-$VM1' --network-security-gro
up 'yourNSGName'\n az network nic update --resource-group $RESOURCE_GROUP --na
me 'nic-of-$VM2' --network-security-group 'yourNSGName'\n az network nic updat
```

#### Response headers

```
content-length: 1779
content-type: application/json
date: Sun,18 May 2025 23:51:37 GMT
server: uvicorn
```

#### Responses

## Code Description

Links •

## 200 Successful Response

No links

Media type

## application/json

Controls Accept header.

#### Example Value Schema

```
{
  "task_id": "string",
  "status": "string",
  "diagnosis": {
      "additionalProp1": {}
  },
  "script": {
      "additionalProp1": {}
  },
  "email_draft": "string",
  "duration_seconds": 0
}
```

### 422 Validation Error

No links

Media type

## application/json

## Example Value Schema

```
Code Description Links

"loc": [
    "string",
    0
    ],
    "msg": "string",
    "type": "string"
}

GET / Root
```

```
ExecuteRequest > Expand all object

HTTPValidationError > Expand all object

PlanApprovalResponse > Expand all object

TaskResponse > Expand all object

TaskStatusResponse > Expand all object

ValidationError > Expand all object
```