

Agentic AI Microservice

1.0.0 OAS 3.1

/openapi.json

Agentic LLM-powered microservice for IT request automation.

default



POST /api/v1/execute Execute



Parameters

Cancel

Reset

No parameters

Request body required

application/json

```
{
  "request": "Create Azure CLI commands to lock RDP (3389) on my three production VMs to 10.0.0.0/24 and pause for approval before outputting the commands.",
  "require_approval": true
}
```



Execute

Clear

Responses

Curl

```
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	Details
------	---------

200

Response body

```
{
  "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
<div>Media type</div> <div><div>application/json</div></div> <div>Controls Accept header.</div> <div>Example Value Schema</div>		

Code	Description	Links
	<pre>{ "task_id": "string", "status": "string", "result": { "additionalProp1": {} } }</pre>	
422	Validation Error	No links
	Media type <div>application/json</div>	
	Example Value Schema	
	<pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</pre>	

POST

/api/v1/plans/{id}/approve

Approve Plan

^

Parameters

Cancel

Name	Description
<div><div>id * required</div><div>string</div><div>(path)</div></div>	<div>e553e432-dadb-4871-9f43-e298aedcfa0d</div>

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	<div><div>Response body</div><div><pre>{ "status": "completed", "error": null }</pre></div><div>Download</div></div> <div><div>Response headers</div><div><pre>content-length: 35 content-type: application/json date: Sun,18 May 2025 23:49:51 GMT server: uvicorn</pre></div></div>

Responses

Code	Description	Links
200	<div>Successful Response</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div><div>Example Value</div><div>Schema</div><div><pre>{ "status": "string", "error": "string" }</pre></div></div>	No links
422	<div>Validation Error</div> <div>Media type</div> <div>application/json</div> <div><div>Example Value</div><div>Schema</div><div><pre>{ "detail": [{ "loc": ["string", 0], "msg": "string", "type": "string" }] }</pre></div></div>	No links

Code	Description	Links
	<pre>] } }</pre>	
POST	/api/v1/plans/{id}/reject Reject Plan	⌵

GET

/api/v1/tasks/{id} Get Task Status

⌴

Parameters

Cancel

Name	Description
<div><div>id * required</div><div>string (path)</div></div>	<div>e553e432-dadb-4871-9f43-e298aedcfa0d</div>

Execute

Clear

Responses

Curl

curl -X 'GET' \
 'http://127.0.0.1:8000/api/v1/tasks/e553e432-dadb-4871-9f43-e298aedcfa0d' \
 -H 'accept: application/json'

Request URL

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

Server response

Code	Details
200	<div>Response body</div> <div><pre>{ "task_id": "e553e432-dadb-4871-9f43-e298aedcfa0d", "status": "completed", "diagnosis": {}, "script": { "language": "azurecli", "code": "echo 'Please approve to proceed with the following commands:'; echo 'az network nsg rule create --resource-group myResourceGroup --nsg-name myNetwor kSecurityGroup --name RDP --priority 1001 --destination-port-ranges 3389 --sourc e-address-prefixes 10.0.0/24 --access Allow --protocol Tcp --direction Inboun</pre></div>

Code

Details

```
d'",
  "lint_passed": true
},
"email_draft": "Subject: Proposed Azure CLI Commands to Restrict RDP Access for Production VMs\n\nThe following Azure CLI commands are proposed to restrict Remote Desktop Protocol (RDP) access (port 3389) for our three production VMs to the 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='yourResourceGroup'\n    VM1='yourVM1'\n    VM2='yourVM2'\n    VM3='yourVM3'\n    ```\n2. Set the network security rule to restrict access:\n    ```\n    az network nsg rule create --resource-group $RESOURCE_GROUP --nsg-name 'yourNSGName' --name 'RDP-Restriction' --priority 100 --source-address-prefixes '10.0.0.0/24' --destination-port-ranges 3389 --access Allow --protocol Tcp --direction Inbound\n    ```\n3. Associate the NSG with each VM's network interface:\n    ```\n    az network nsg associate --resource-group $RESOURCE_GROUP --name 'nic-of-$VM1' --network-security-group 'yourNSGName'\n    az network nsg associate --resource-group $RESOURCE_GROUP --name 'nic-of-$VM2' --network-security-group 'yourNSGName'\n    az network nsg associate --resource-group $RESOURCE_GROUP --name 'nic-of-$VM3' --network-security-group 'yourNSGName'\n    ```\n\nDownload
```

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	<div>Successful Response</div> <div>Media type<div>application/json</div>Controls Accept header.</div> <div>Example ValueSchema<div><pre>{ "task_id": "string", "status": "string", "diagnosis": { "additionalProp1": {} }, "script": { "additionalProp1": {} }, "email_draft": "string", "duration_seconds": 0}</pre></div></div>	No links
422	<div>Validation Error</div> <div>Media type<div>application/json</div></div> <div>Example ValueSchema<div><pre>{ "detail": [{</pre></div></div>	No links

Code	Description	Links
	<pre>"loc": ["string", 0], "msg": "string", "type": "string" }] }</pre>	
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