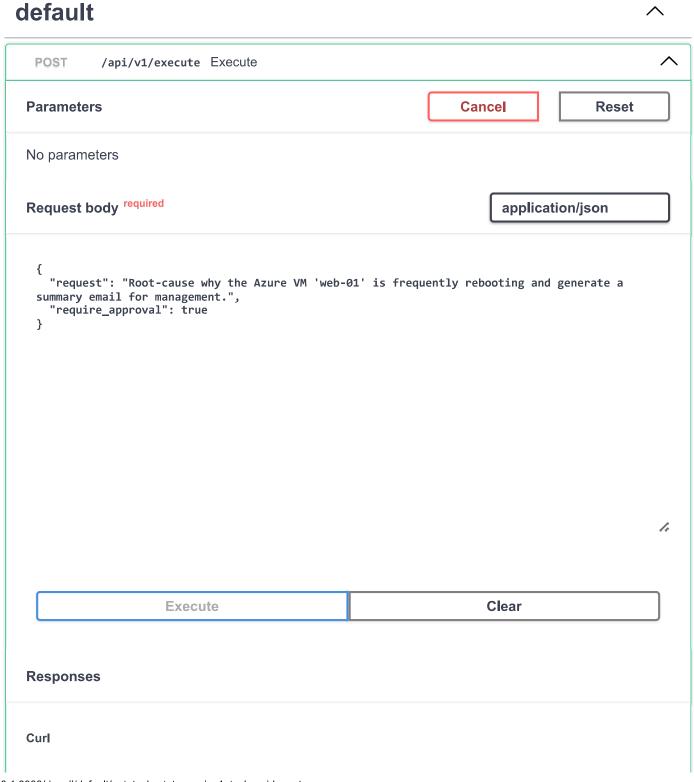# Agentic AI Microservice   1.0.0   OAS 3.1

/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": "Root-cause why the Azure VM 'web-01' is frequently rebooting and generate a
summary email for management.",
    "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": "Root-cause why the Azure VM '\''web-01'\'' is frequently rebooting and generate a s
  "require_approval": true
}'
```

Request URL

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

Server response

Code	Details
200	**Response body**

```
{
  "task_id": "9d4c42d1-0975-4cd4-9309-052322246ccf",
  "status": "waiting_approval",
  "result": {
    "agents": [
      "DiagnosticAgent",
      "WriterAgent"
    ],
    "steps": [
      "Perform root-cause analysis on the Azure VM 'web-01' using DiagnosticAgent",
      "Pause and await approval for the execution of the next steps",
      "Generate a summary email outlining the root-cause findings using WriterAgent"
    ],
    "summary": "This plan involves diagnosing the reboot issue of Azure VM 'web-01' and preparing a summary email for management.",
    "require_approval": true,
    "status": "waiting_approval",
    "task_id": "5c614397-2e0a-4f39-ad81-b38fa1883fed"
  }
}
```

Download

Response headers

```
content-length: 588
content-type: application/json
date: Sun,18 May 2025 23:46:09 GMT
server: uvicorn
```

Responses

Code	Description	Links
200	Successful Response	*No links*

Media type

application/json

Controls `Accept` header.
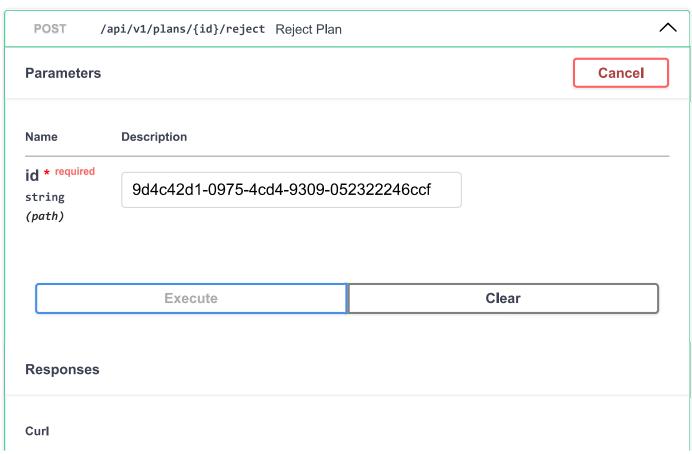
Example Value   Schema

Code	Description	Links

```
        {
          "task_id": "string",
          "status": "string",
          "result": {
            "additionalProp1": {}
          }
        }
```

422   Validation Error   *No links*

Media type

> **application/json**

Example Value   Schema

```
        {
          "detail": [
            {
              "loc": [
                "string",
                0
              ],
              "msg": "string",
              "type": "string"
            }
          ]
        }
```

| POST | `/api/v1/plans/{id}/approve` Approve Plan | ⌄ |

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

Parameters   Cancel

Name	Description
id * required `string` *(path)*	9d4c42d1-0975-4cd4-9309-052322246ccf

Execute	Clear

Responses

Curl

127.0.0.1:8000/docs#/default/get_task_status_api_v1_tasks__id__get   3/7

```
curl -X 'POST' \
  'http://127.0.0.1:8000/api/v1/plans/9d4c42d1-0975-4cd4-9309-052322246ccf/reject' \
  -H 'accept: application/json' \
  -d ''
```

Request URL

http://127.0.0.1:8000/api/v1/plans/9d4c42d1-0975-4cd4-9309-052322246ccf/reject

Server response

Code	Details

200	**Response body**
	
	 ```{ "status": "rejected", "error": null }``` Download
	
	 Response headers
	
	 ```content-length: 34 content-type: application/json date: Sun,18 May 2025 23:46:54 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

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
```

Code	Description	Links

```
            }
        ]
    }
```

GET   **/api/v1/tasks/{id}**   Get Task Status   ∧

Parameters

<div align="right">

Cancel

</div>

Name	Description

id * required
string
(path)

```
9d4c42d1-0975-4cd4-9309-052322246ccf
```

Execute	Clear

Responses

Curl

```
curl -X 'GET' \
  'http://127.0.0.1:8000/api/v1/tasks/9d4c42d1-0975-4cd4-9309-052322246ccf' \
  -H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/api/v1/tasks/9d4c42d1-0975-4cd4-9309-052322246ccf
```

Server response

Code	Details

200

Response body

```
{
  "task_id": "9d4c42d1-0975-4cd4-9309-052322246ccf",
  "status": "rejected",
  "diagnosis": null,
  "script": null,
  "email_draft": null,
  "duration_seconds": null
}
```

Download

Response headers

```
content-length: 144
content-type: application/json
```

Code	Details
	date: Sun,18 May 2025 23:47:13 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
}
```

Code	Description	Links
422	Validation Error	No links

Media type

application/json

Example Value   Schema

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

GET	/ Root	⌄

Schemas   ⌃

ExecuteRequest ›   Expand all   **object**

HTTPValidationError ›   Expand all   **object**

PlanApprovalResponse ›   Expand all   **object**

TaskResponse ›   Expand all   **object**

TaskStatusResponse ›   Expand all   **object**

ValidationError ›   Expand all   **object**