Deploys a model. If a model is already deployed, deploying it with the same parameters has no effect. Deploying with different parametrs (as e.g. changing

[node_number]
[google.cloud.automl.v1p1beta.ImageObjectDetectionModelDeploymentMetadata.node_number])
will reset the deployment state without pausing the model's availability.

Only applicable for Text Classification, Image Object Detection , Tables, and Image Segmentation; all other domains manage deployment automatically.

Returns an empty response in the response
(/automl/docs/reference/rest/Shared.Types/ListOperationsResponse#Operation.FIELDS.response) field when it completes.

POST https://automl.googleapis.com/v1/{name}:deploy

Parameters

name	string
	Resource name of the model to deploy.
	Authorization requires the following Google IAM (https://cloud.google.com/iam) permission on the specified resource **name**:
	• automl.models.deploy

The request body contains data with the following structure:

JSON representation

JSON representation

Fields

Union field **model_deployment_metadata**. The per-domain specific deployment parameters.
model_deployment_metadata can be only one of the following:

imageObjectDetectionModelD eploymentMetadata	object ([ImageObjectDetectionModelDeploymentMetadata](/automl/docs/reference/rest/v1/projects.locations.models/deploy#ImageObjectDetectionModelDeploymentMetadata)) Model deployment metadata specific to Image Object Detection.
imageClassificationModelDe ploymentMetadata	object ([ImageClassificationModelDeploymentMetadata](/automl/docs/reference/rest/v1/projects.locations.models/deploy#ImageClassificationModelDeploymentMetadata)) Model deployment metadata specific to Image Classification.

If successful, the response body contains an instance of [Operation](/automl/docs/reference/rest/Shared.Types/ListOperationsResponse#Operation).

Requires the following OAuth scope:

- `https://www.googleapis.com/auth/cloud-platform`

For more information, see the Authentication Overview
(https://cloud.google.com/docs/authentication/).

Model deployment metadata specific to Image Object Detection.

JSON representation

Fields

nodeCount	string (int64 (https://developers.google.com/discovery/v1/type-format) format)
	Input only. The number of nodes to deploy the model on. A node is an abstraction of a machine resource, which can handle online prediction QPS a given in the model's [qps_per_node] [google.cloud.automl.v1.ImageObjectDetectionModelMetadata.qps_per_node Must be between 1 and 100, inclusive on both ends.

Model deployment metadata specific to Image Classification.

JSON representation

Fields

Fields	
nodeCount	**string** (<u>int64</u> (https://developers.google.com/discovery/v1/type-format) **format)** Input only. The number of nodes to deploy the model on. A node is an abstraction of a machine resource, which can handle online prediction QPS as given in the model's <u>nodeQps</u> (/automl/docs/reference/rest/v1/projects.locations.models#ImageClassificationModelMetadata.FIELDS.node_qps) . Must be between 1 and 100, inclusive on both ends.