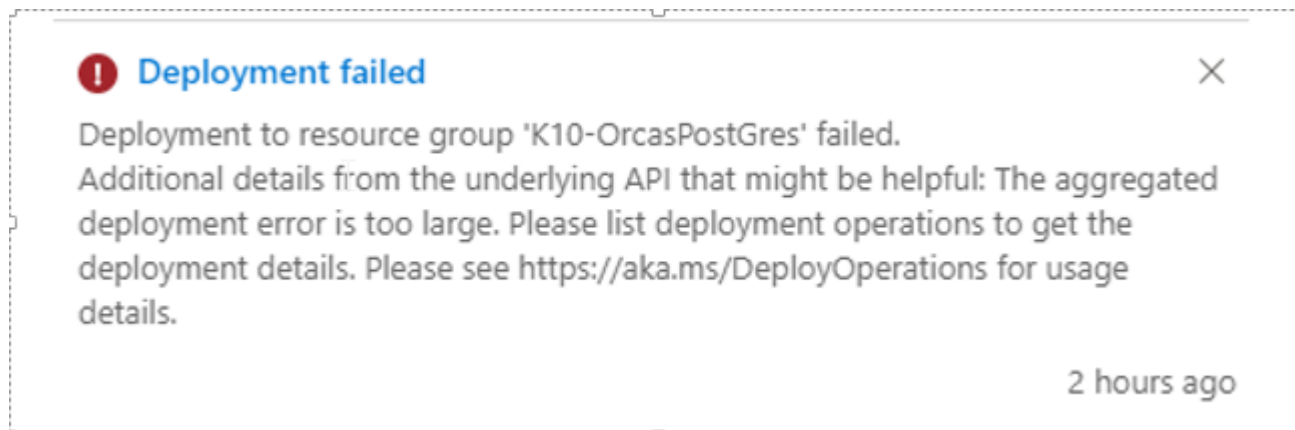


ARM Deployment Failure "Invalid value given for parameter 'AdministratorLogin'"

Last updated by | Ketan Goel | Jan 5, 2022 at 4:30 AM PST

Issue: ARM deployment failing with the following message

Deployment failed



Checked the deployment details and could see the following details

!	orcaspostgressspgdump2/log_statement_stats	Microsoft.DBforPostgreSQL/servers/configurations	NotFound
!	orcaspostgressspgdump2/vacuum_cost_delay	Microsoft.DBforPostgreSQL/servers/configurations	NotFound
!	orcaspostgressspgdump2/enable_sort	Microsoft.DBforPostgreSQL/servers/configurations	NotFound
!	orcaspostgressspgdump2/enable_partitionwise_aggregate	Microsoft.DBforPostgreSQL/servers/configurations	NotFound
!	orcaspostgressspgdump2/log_lock_waits	Microsoft.DBforPostgreSQL/servers/configurations	NotFound
!	orcaspostgressspgdump2	Microsoft.DBforPostgreSQL/servers	BadRequest

When checked the Operation details of the "BadRequest" we could see the below information

Operation details



Operation ID

/subscriptions/54601600-6701-4efb-bc89-f9da063c1970/resourceGroups/K10-Orca...



Operation name

356E05BCCCB86E76



Provisioning operation

Create



Provisioning state

Failed



Timestamp

1/3/2022, 5:41:54 PM



Duration

9 seconds



Tracking ID

d7062e89-d967-42dc-9cc1-4c42416c1e7e



serviceRequestId

0231efde-2d0f-42b3-9486-a79d8d2b0f7c



Status

BadRequest



Deployment failed with the following message

Status message

```
1  {
2    "status": "Failed",
3    "error": {
4      "code": "InvalidParameterValue",
5      "message": "Invalid value given for parameter 'Admin
6    }
7  }
```

Type

Microsoft.DBforPostgreSQL/servers

Resource ID

/subscriptions/54601600-6701-4efb-bc89-f9da063c1970/resourceGroups/K10-Orca...

Resource

orcaspostgresspgdump2

Deployment correlation ID

5aba1798-366f-469b-8b06-7e2c317e0a7f

```
{
  "status": "Failed",
  "error": {
    "code": "InvalidParameterValue",
    "message": "Invalid value given for parameter 'AdministratorLogin'. Specify a valid parameter value."
  }
}
```




Checked and found that the template is missing the following parameter

Followed the document to edit the template for the deployment

<https://docs.microsoft.com/en-us/azure/templates/microsoft.dbforpostgresql/servers?tabs=json#quickstart-templates> 

Quickstart templates

The following quickstart templates deploy this resource type.

Template	Description
<div>Airflow Web App with PostgreSQL database on App Services ↗</div> <div><div> Deploy to Azure ↗</div></div>	A template for deploying Airflow Web App with PostgreSQL database on App Services
<div>Buffalo Web App ↗</div> <div><div> Deploy to Azure ↗</div></div>	Start running your Golang Buffalo Application on Azure quickly and cheaply.
<div>Deploy Azure Database for PostgreSQL with VNet ↗</div> <div><div><div>1</div><div> Deploy to Azure ↗</div></div></div>	This template provides a way to deploy an Azure database for PostgreSQL with VNet integration.

Clicked on the Deploy to Azure

Signed in with the Azure account

Edit the template

[Home](#) >

Deploy Azure Database for PostgreSQL with VNet ...

Azure quickstart template

Basics Review + create

Template



managed-postgresql-with-vnet [↗](#)
5 resources

1



Edit template



Edit parameters



Visualize

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ

Babylon_Partner_Sandbox

Resource group * ⓘ

[Create new](#)

Instance details

Region * ⓘ

Central India

Edit template ...

Edit your Azure Resource Manager template

[+ Add resource](#)
[↑ Quickstart template](#)
[↑ Load file](#)
[↓ Download](#)

Parameters (17)
Variables (1)
Resources (5)

```


1 {
2   "$schema": "https://schema.management.azure.com/schemas/2019-04-01/deploymentTemplate.json#",
3   "contentVersion": "1.0.0.0",
4   "metadata": {
5     "_generator": {
6       "name": "bicep",
7       "version": "0.4.1008.15138",
8       "templateHash": "10672848046880842986"
9     }
10  },
11  "parameters": {
12    "serverName": {
13      "type": "string",
14      "metadata": {
15        "description": "Server Name for Azure database for PostgreSQL"
16      }
17    },
18    "administratorLogin": {
19      "type": "string",
20      "minLength": 1,
21      "metadata": {
22        "description": "Database administrator login name"
23      }
24    },
25    "administratorLoginPassword": {
26      "type": "secureString",
27      "minLength": 8,
28      "metadata": {
29        "description": "Database administrator password"
30      }
31    }
32  },

```

Copied the AdministratorLogin and AdministratorLoginPassword and paste that in the template that we are testing for deployment

Then copied the parameter into the deployment template

Home > orcaspostgresspgdump1

 orcaspostgresspgdump1 | Export template ...

Azure Database for PostgreSQL server

[Download](#)
[Add to library \(preview\)](#)
[Deploy](#)
[Visualize template](#)

- Active Directory admin
- Pricing tier
- Properties
- Locks
- Security
 - Microsoft Defender for Cloud
 - Private endpoint connections
 - Data encryption
- Intelligent Performance
 - Query Performance Insight
 - Performance recommendations
- Monitoring
 - Alerts
 - Metrics
 - Diagnostic settings
 - Logs

To export related resources, select the resources from the Resource Group view then select the "Export template" option from the tool bar.

☒ Include parameters ⓘ

Template Parameters Scripts

Parameters (1)
Variables (0)
Resources (179)

```

1 {
2   "$schema": "https://schema.management.azure.com/schemas/2019-04-01/deploymentTemplate.json#",
3   "contentVersion": "1.0.0.0",
4   "parameters": {
5     "servers_orcaspostgresspgdump1_name": {
6       "defaultValue": "orcaspostgresspgdump1",
7       "type": "String"
8     }
9   },
10  "variables": {},
11  "resources": [
12    {
13      "type": "Microsoft.DBforPostgreSQL/servers",
14      "apiVersion": "2017-12-01",
15      "name": "[parameters('servers_orcaspostgresspgdump1_name')]",
16      "location": "eastus",
17      "sku": {
18        "name": "GP_Gen5_2",
19        "tier": "GeneralPurpose",
20        "family": "Gen5",
21        "capacity": 2

```

[Home](#) > [orcaspostgresspgdump1](#) >

Custom deployment

Deploy from a custom template

Basics Review + create**Template****Custom template**
179 resources**1**

Edit template
Edit parameters
Visualize**Project details**

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription *

Resource group *
[Create new](#)

Instance details

Region *

Servers_orcaspostgresspgdump1_name **2**

[Home](#) > [orcaspostgresspgdump1](#) > [Custom deployment](#) >

Edit template

Edit your Azure Resource Manager template

[+](#) Add resource
 [↑](#) Quickstart template
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```

1 {
2   "$schema": "https://schema.management.azure.com/schemas/2019-04-01/deploymentTemplate.json#",
3   "contentVersion": "1.0.0.0",
4   "parameters": {
5     "servers_orcaspostgresspgdump1_name": {
6       "defaultValue": "orcaspostgresspgdump1",
7       "type": "String"
8     },
9     "administratorLogin": {
10      "type": "string",
11      "minLength": 1,
12      "metadata": {
13        "description": "Database administrator login name"
14      }
15    },
16     "administratorLoginPassword": {
17       "type": "secureString",
18       "minLength": 8,
19       "metadata": {
20         "description": "Database administrator password"
21       }
22     }
23   },
24   "variables": {},
25   "resources": [

```

Once the template is modified saved the template and is ready for the deployment


[Home](#) > [orcaspostgresspgdump1](#) >

Custom deployment ...

Deploy from a custom template

Basics Review + create

Template

Customized template 
179 resources Edit template Edit parameters Visualize

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ

K10-Orcas



Resource group * ⓘ

K10-OrcasPostGres

[Create new](#)

Instance details

Region * ⓘ

(US) East US



Servers_orcaspostgresspgdump1_name

orcaspostgresspgdump2



Administrator Login * ⓘ

kegoel

**1**

Administrator Login Password * ⓘ

.....

**2**

After making the changes deployment should work