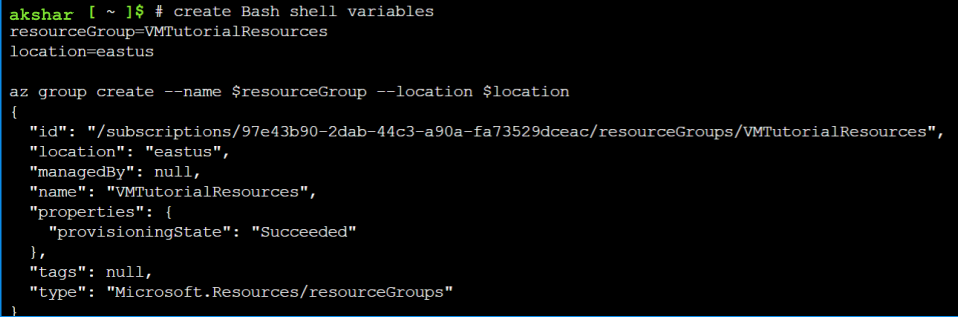
IT457 Cloud computing

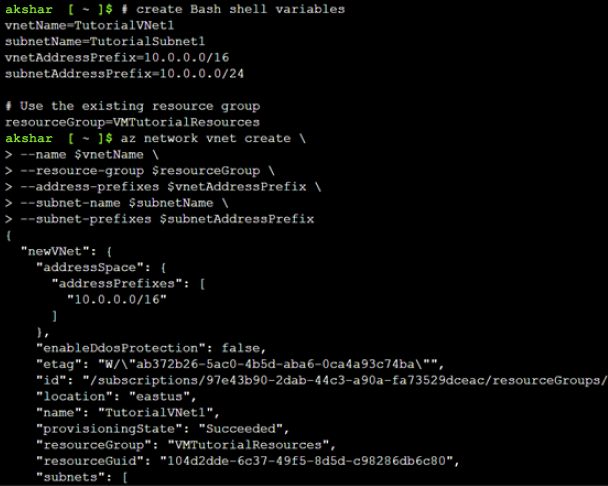
Assignment - 2

Abhinav Agarwal (202101040)

**Complete the following tutorials**:

1. Create a VM using CLI:-

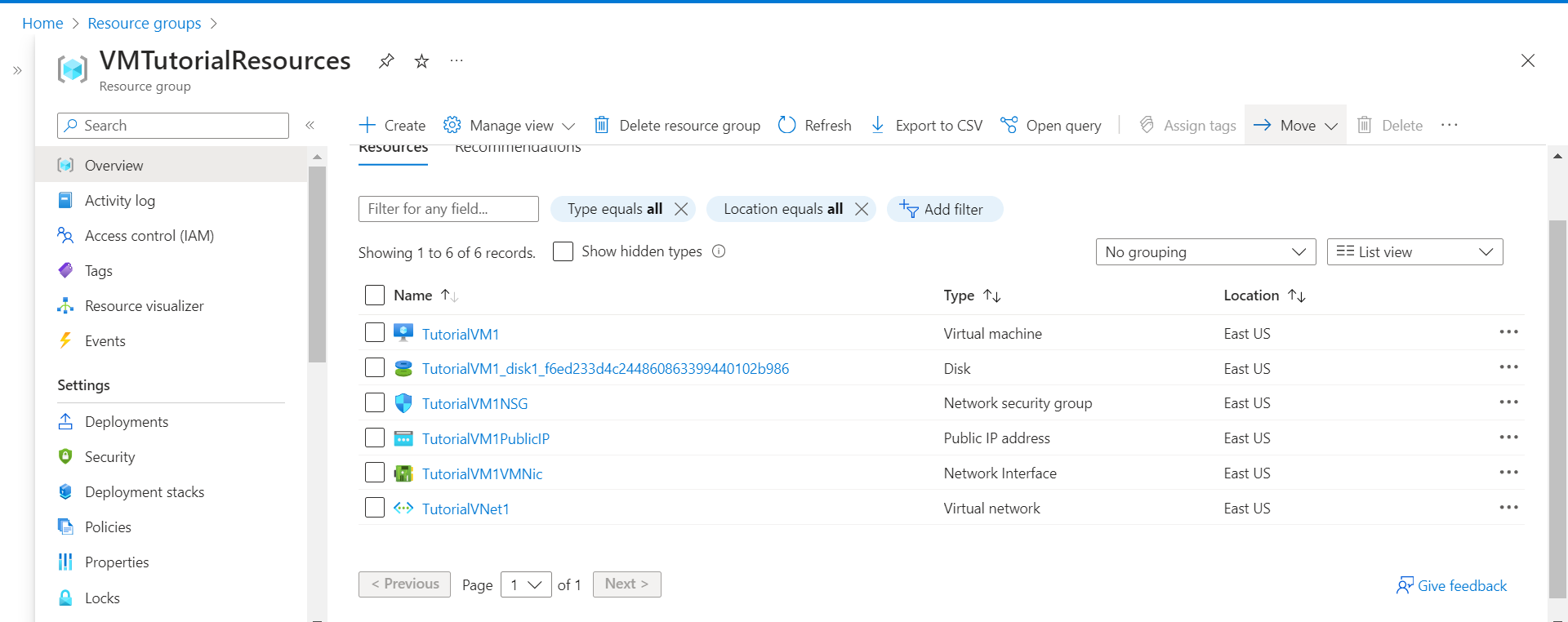








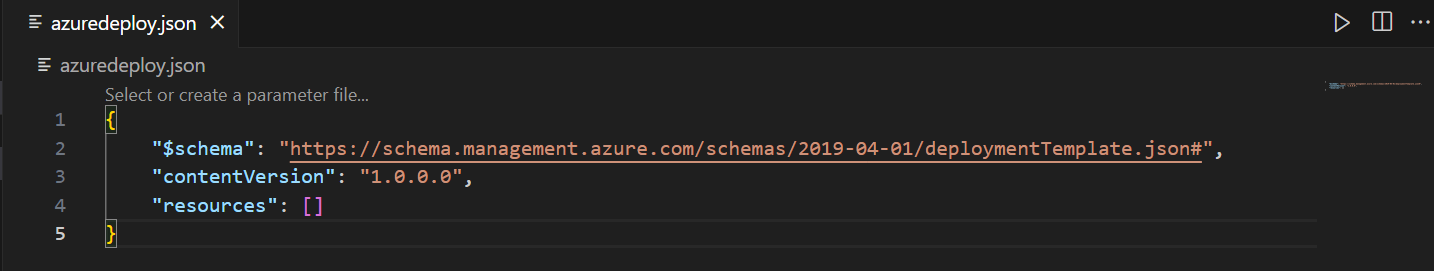
Result:



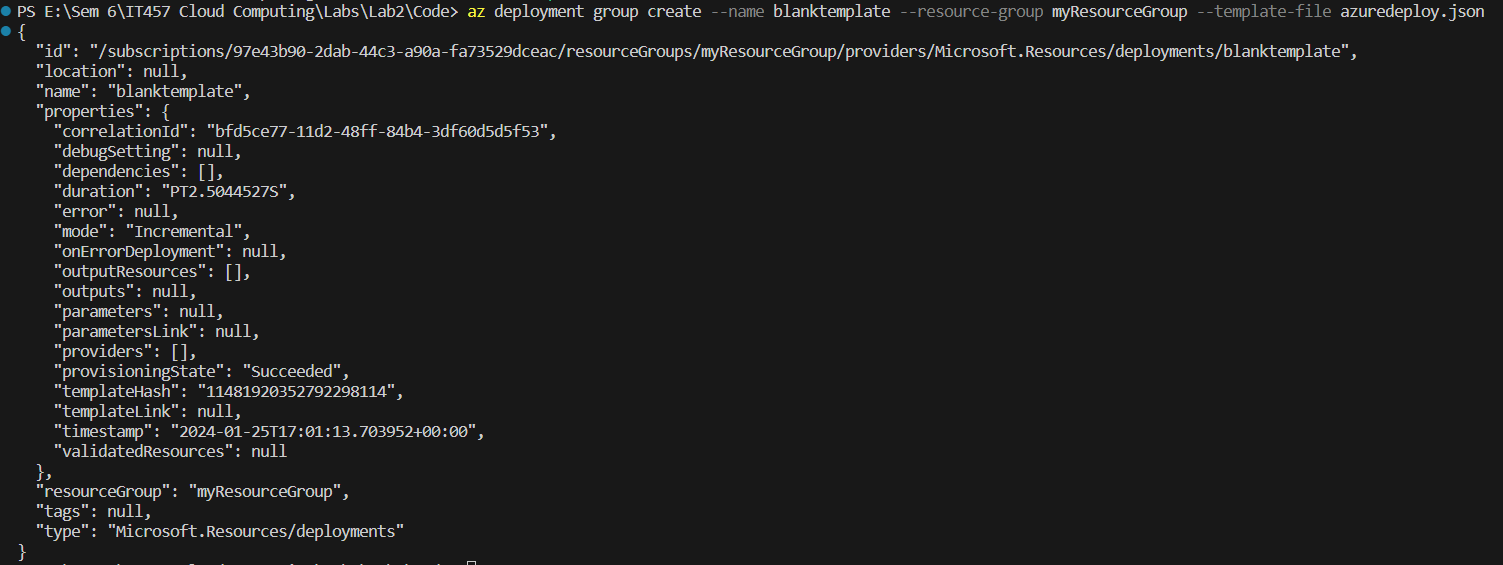
2. Introduction to ARM templates:-

a. Creating first template

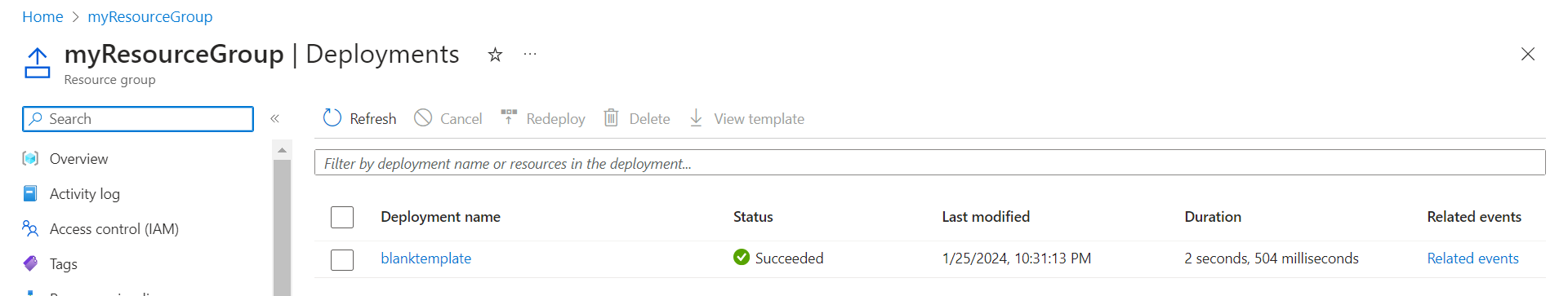
JSON:



Deployment:

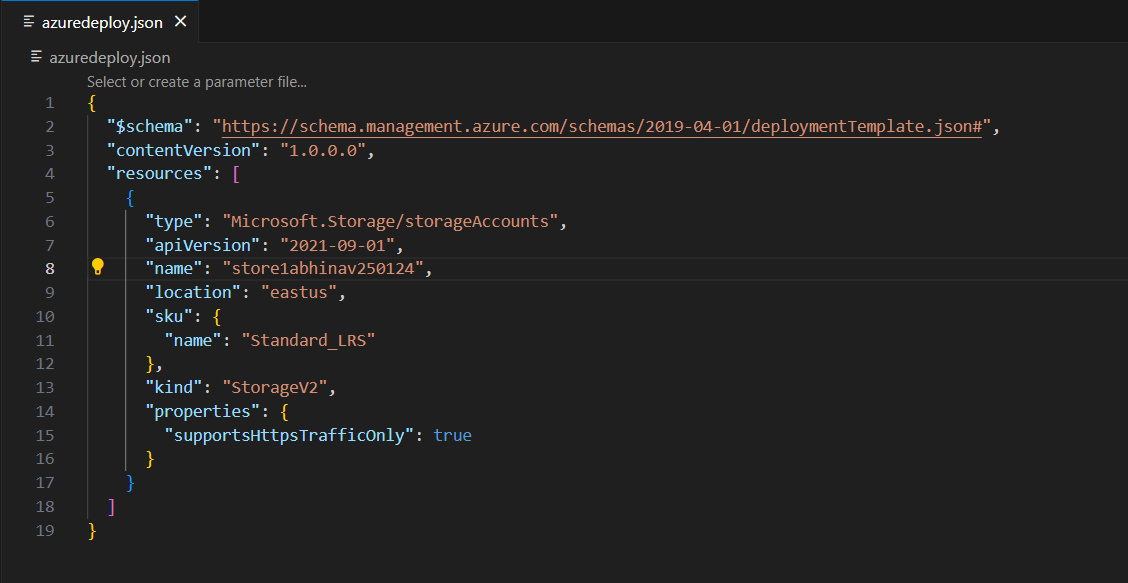


Result:

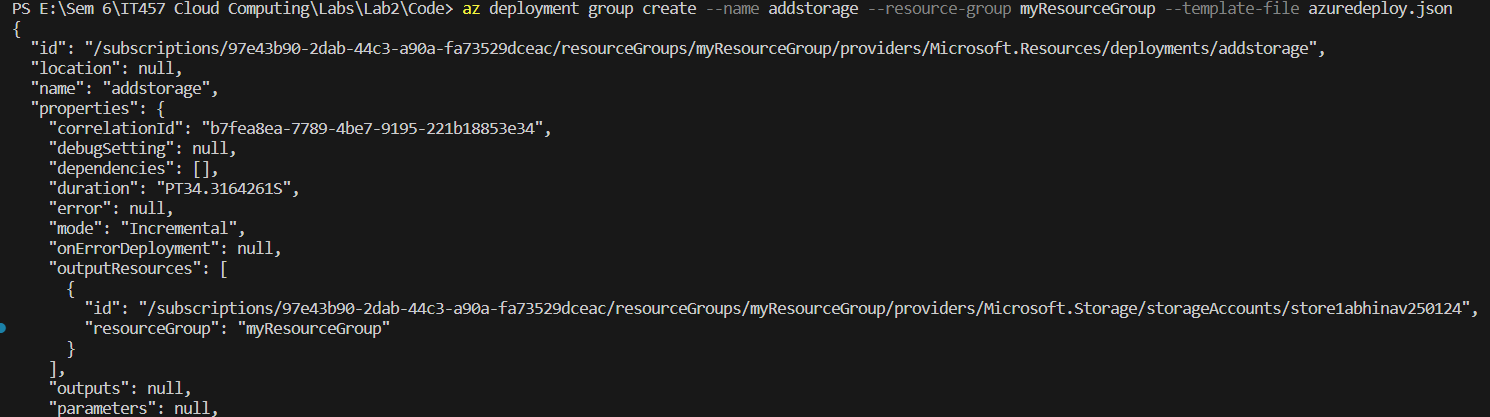


b. Adding resource

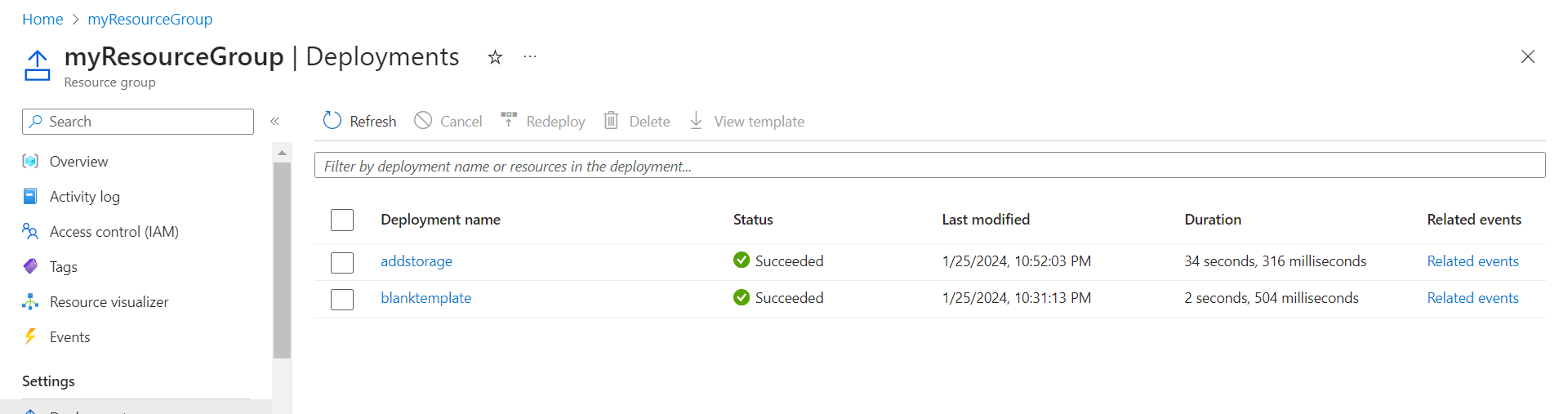
JSON:



Deployment:

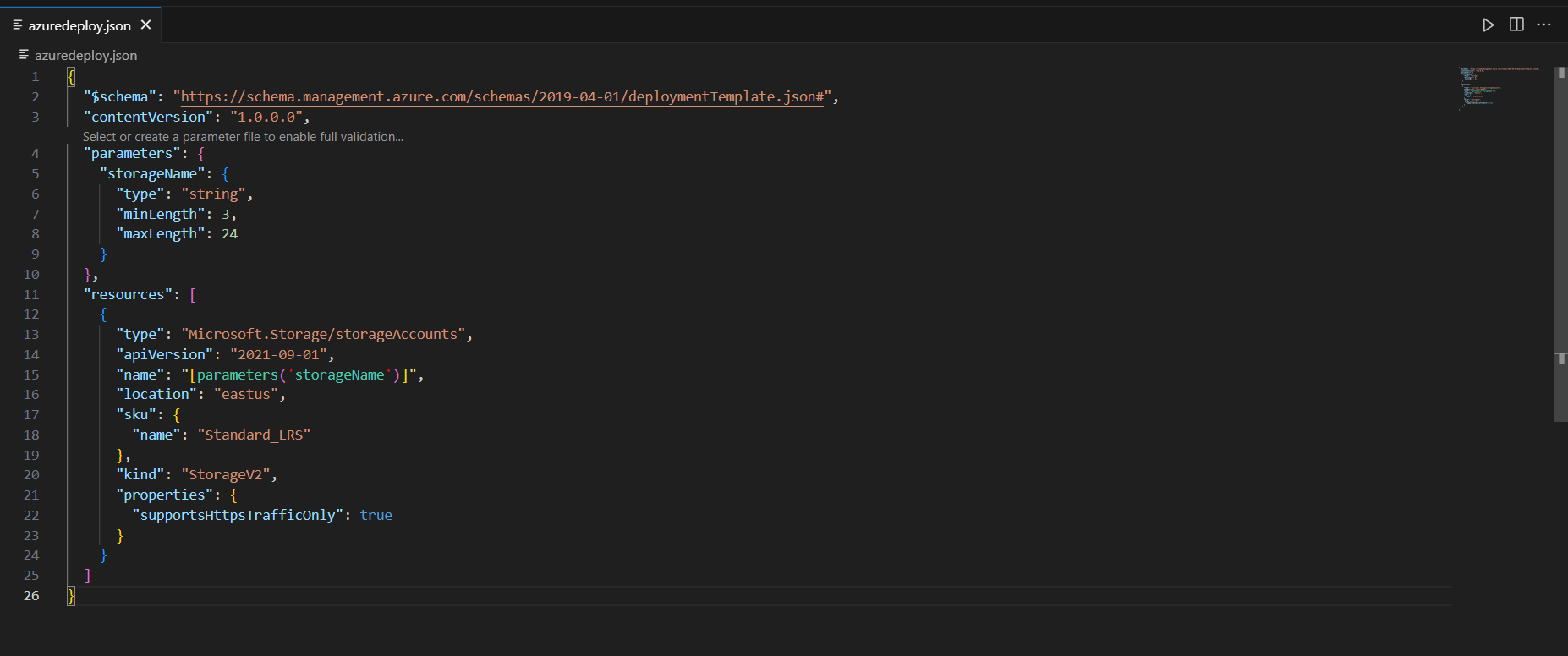


Result:

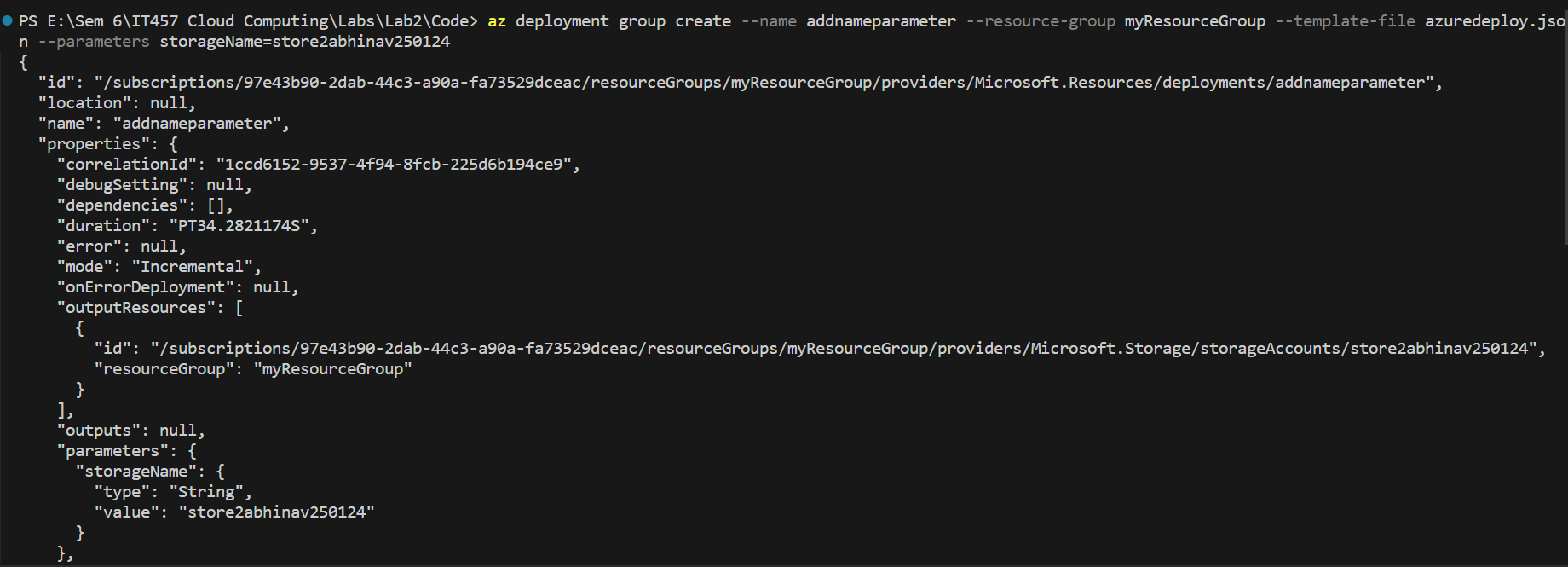


c. Adding parameters

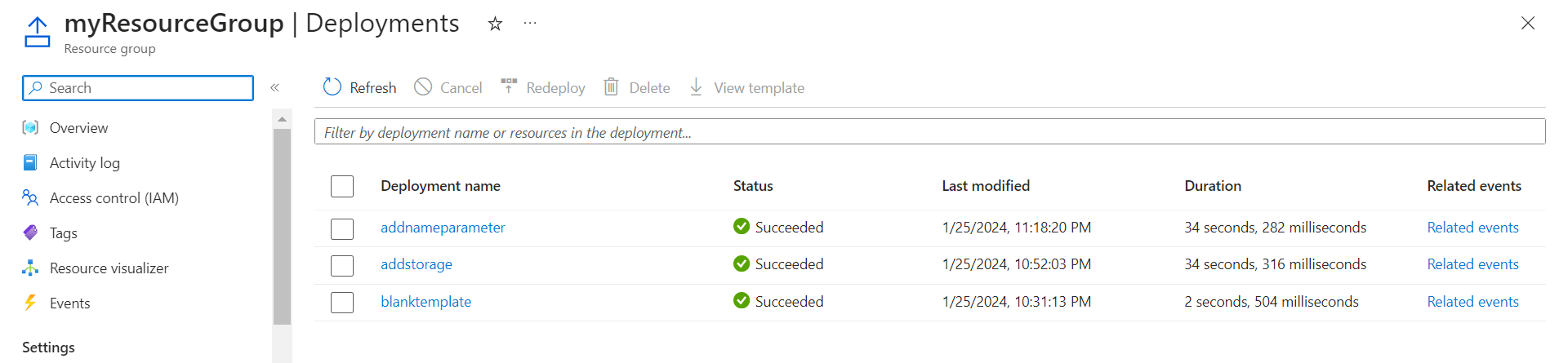
JSON:



Deployment:

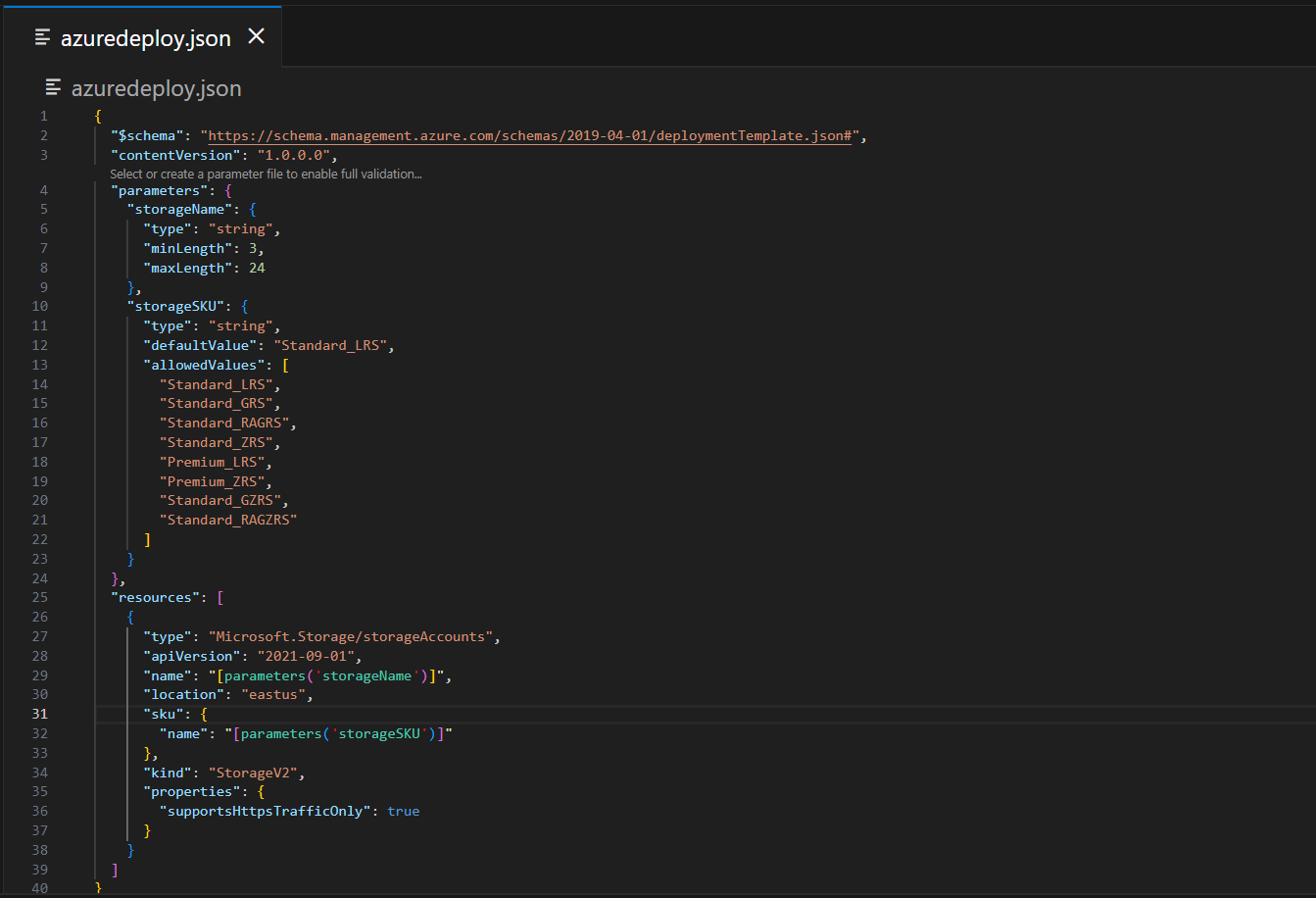


Result:

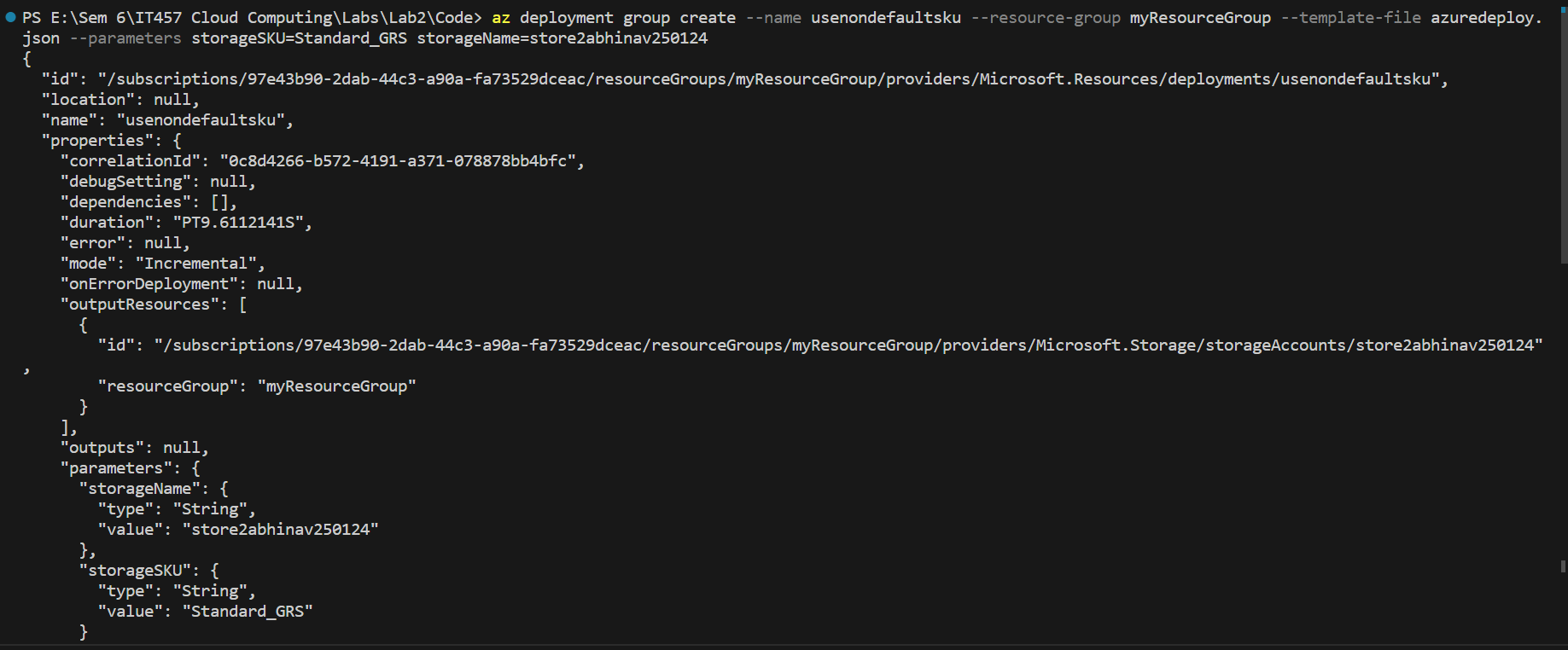


We will redeploy it with SKU parameters:-

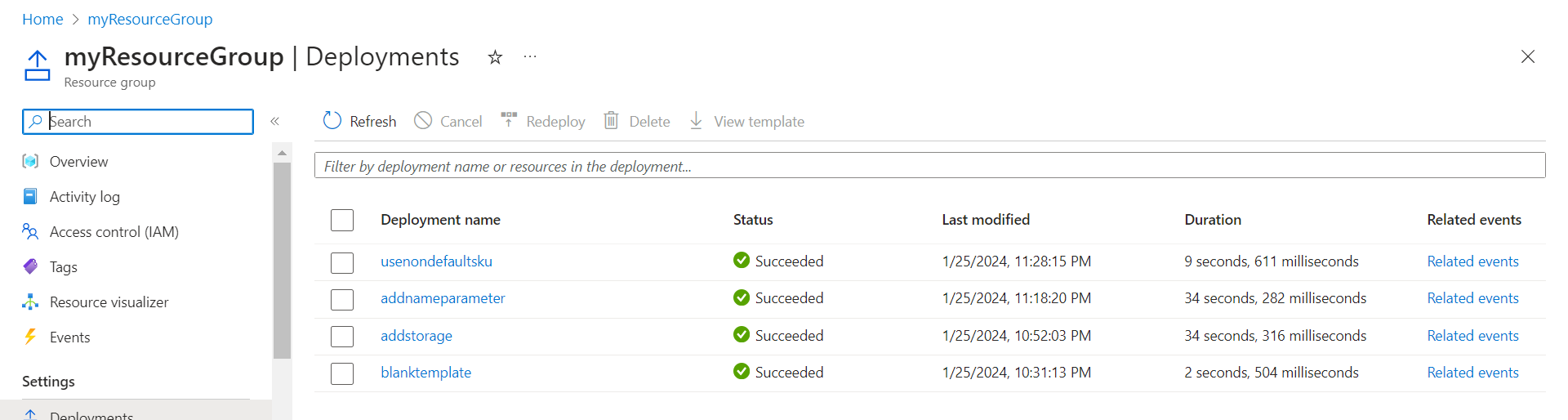
JSON:



Deployment:



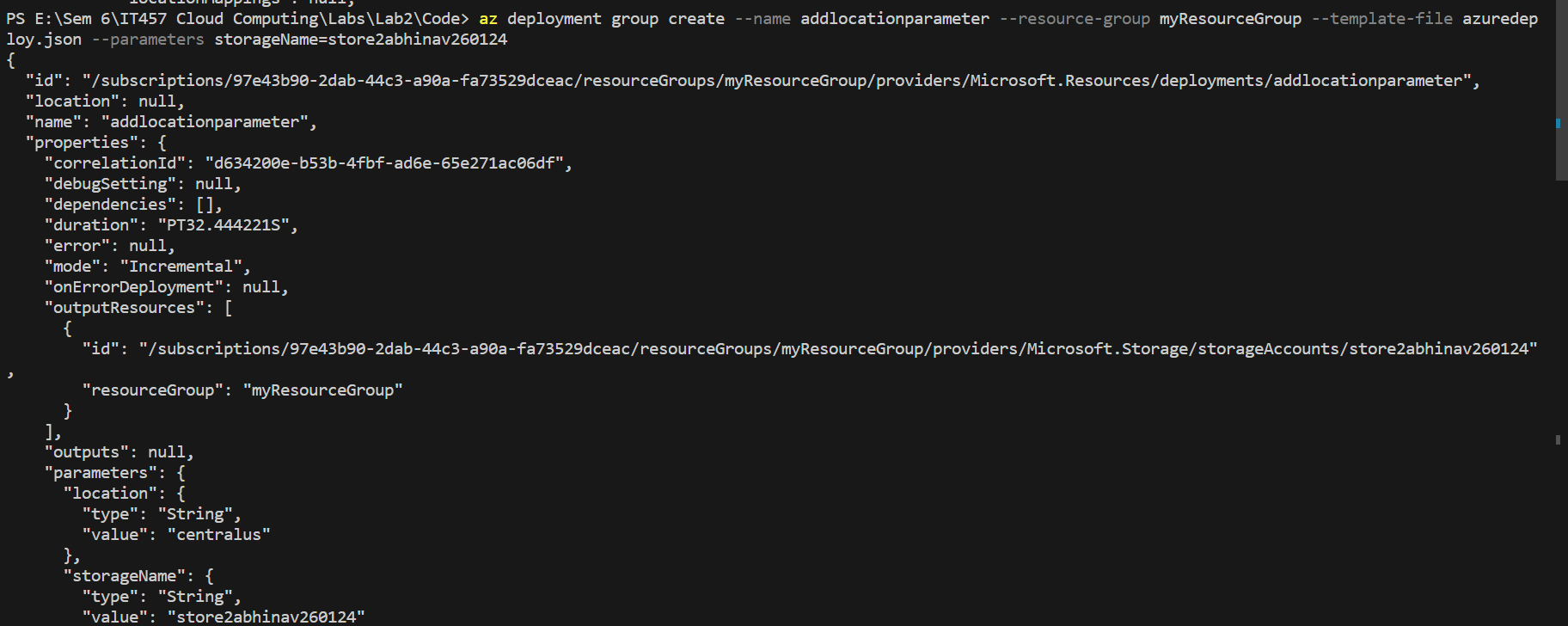
Result:



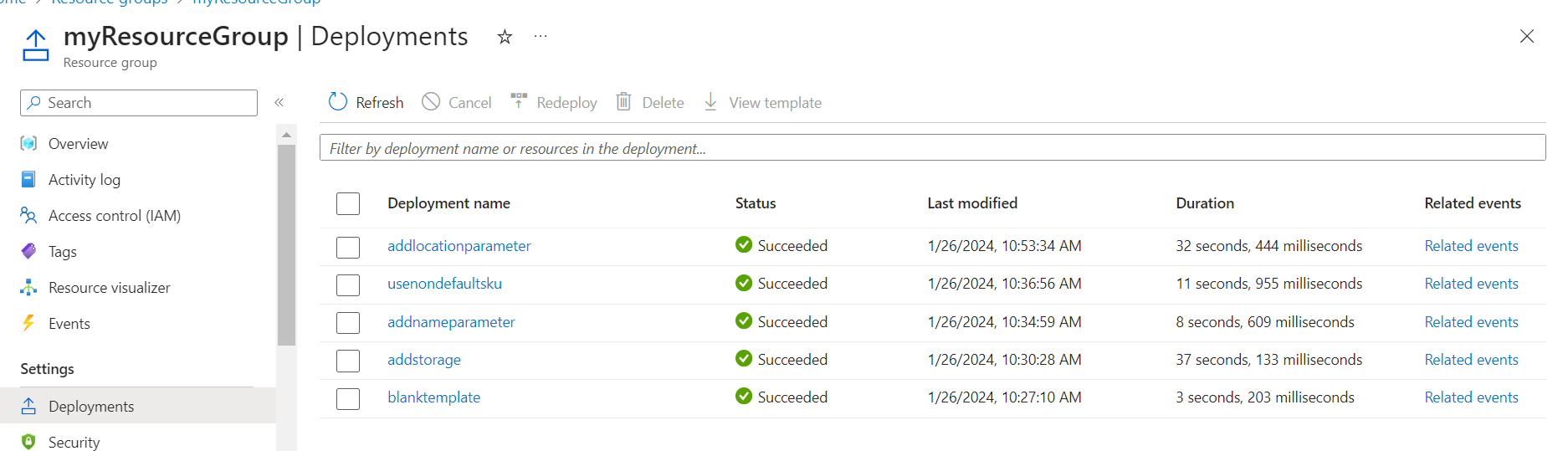
For the parts ahead, I would not be adding screenshots of JSON codes as they are getting very larger.

d. Adding template functions

Deployment:



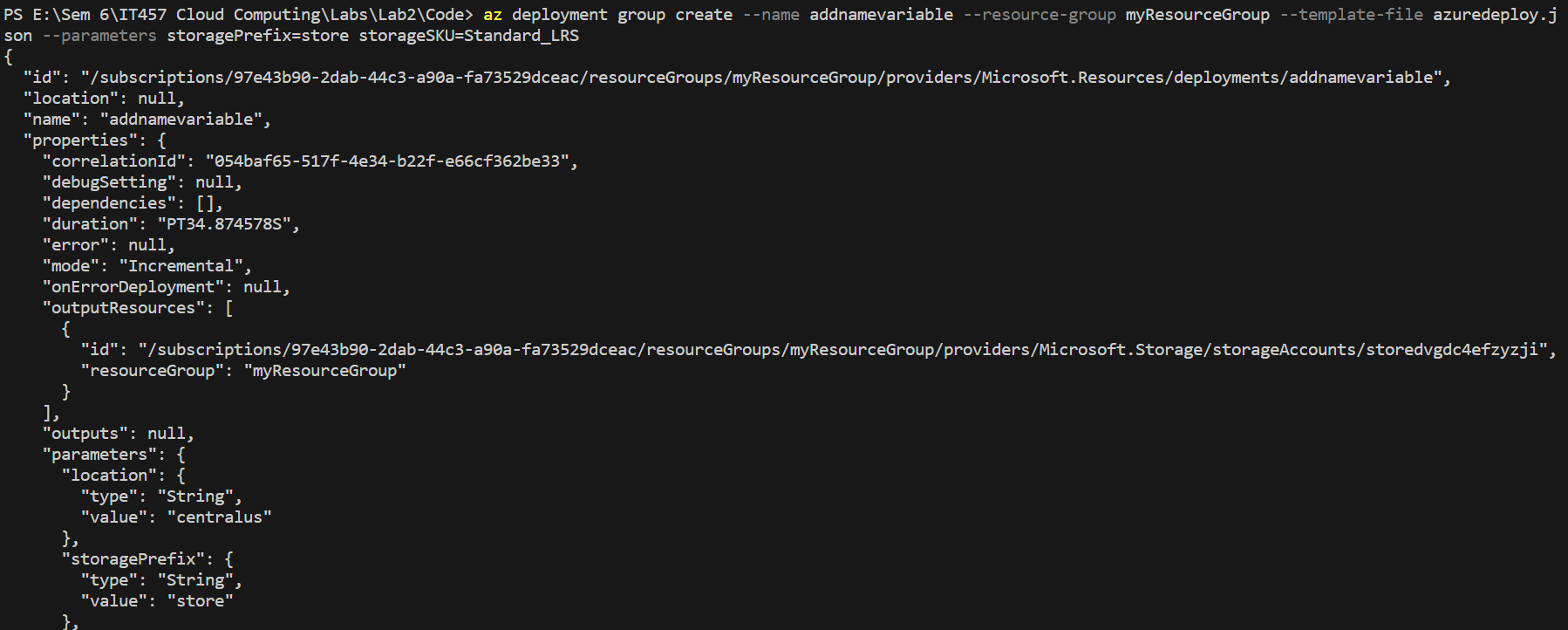
Result:



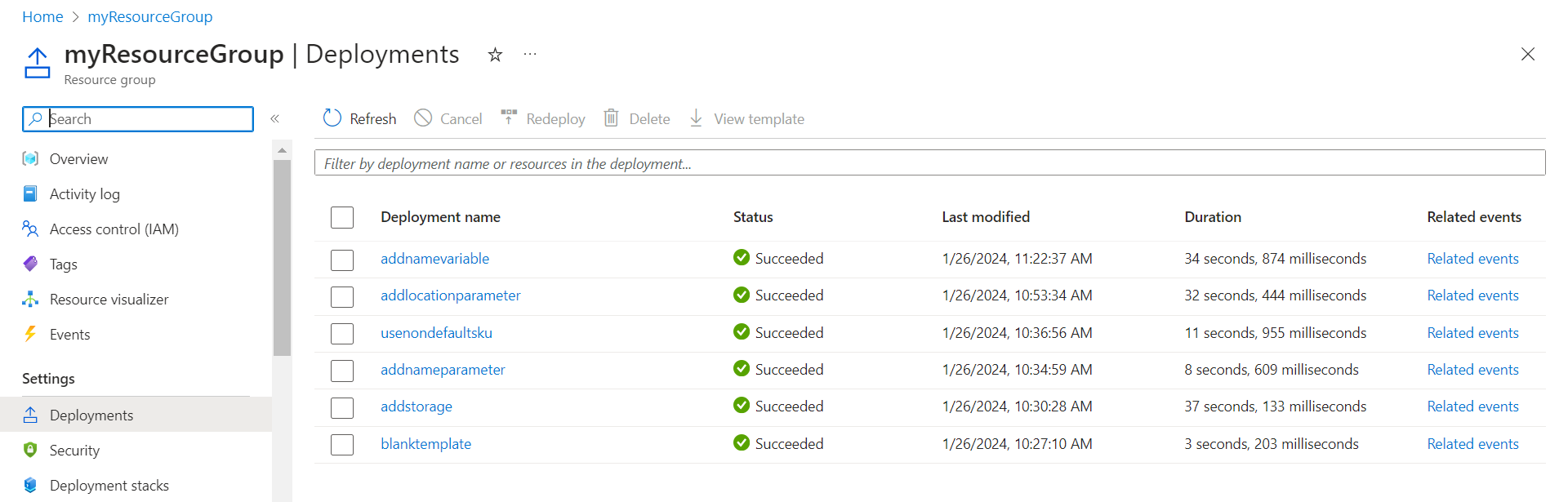
Both resource group and storage account are in some location i.e. Central US.

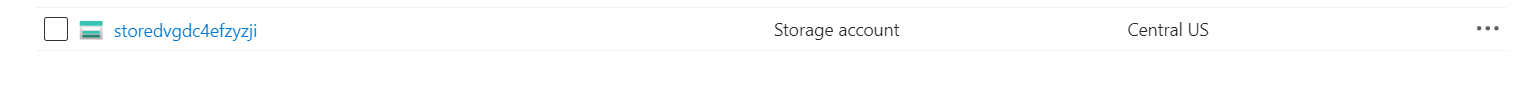
e. Adding variables

Deployment:



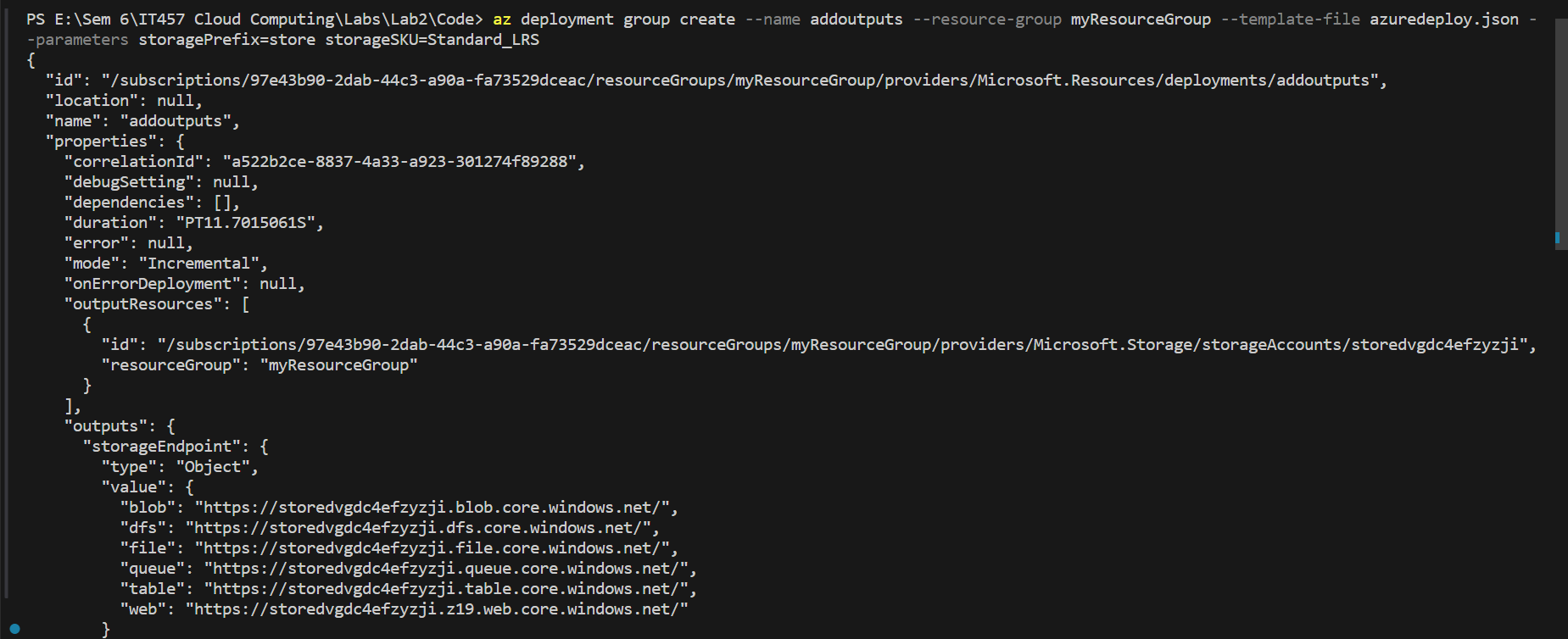
Result:



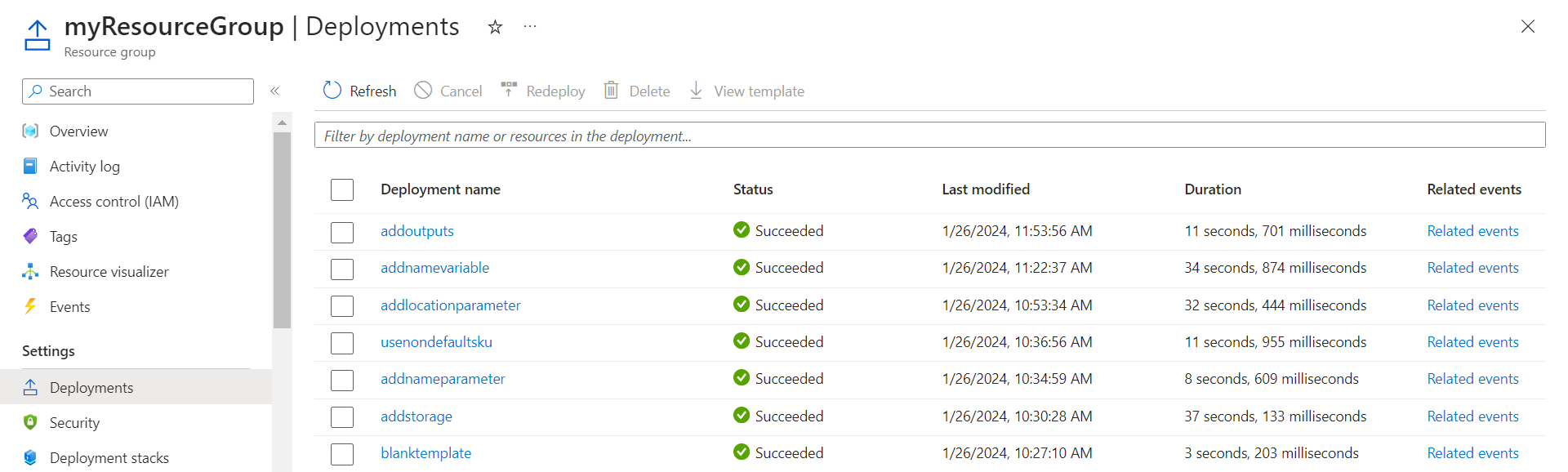


f. Adding outputs

Deployment:



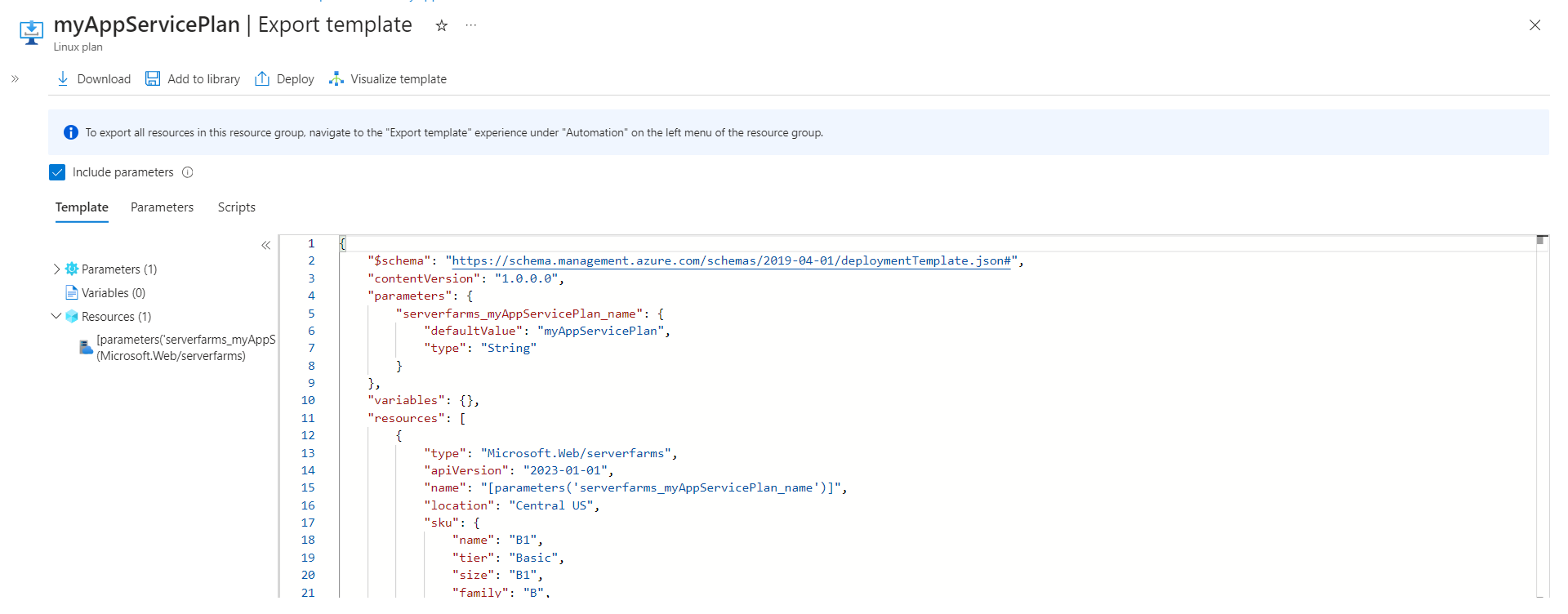
Result:



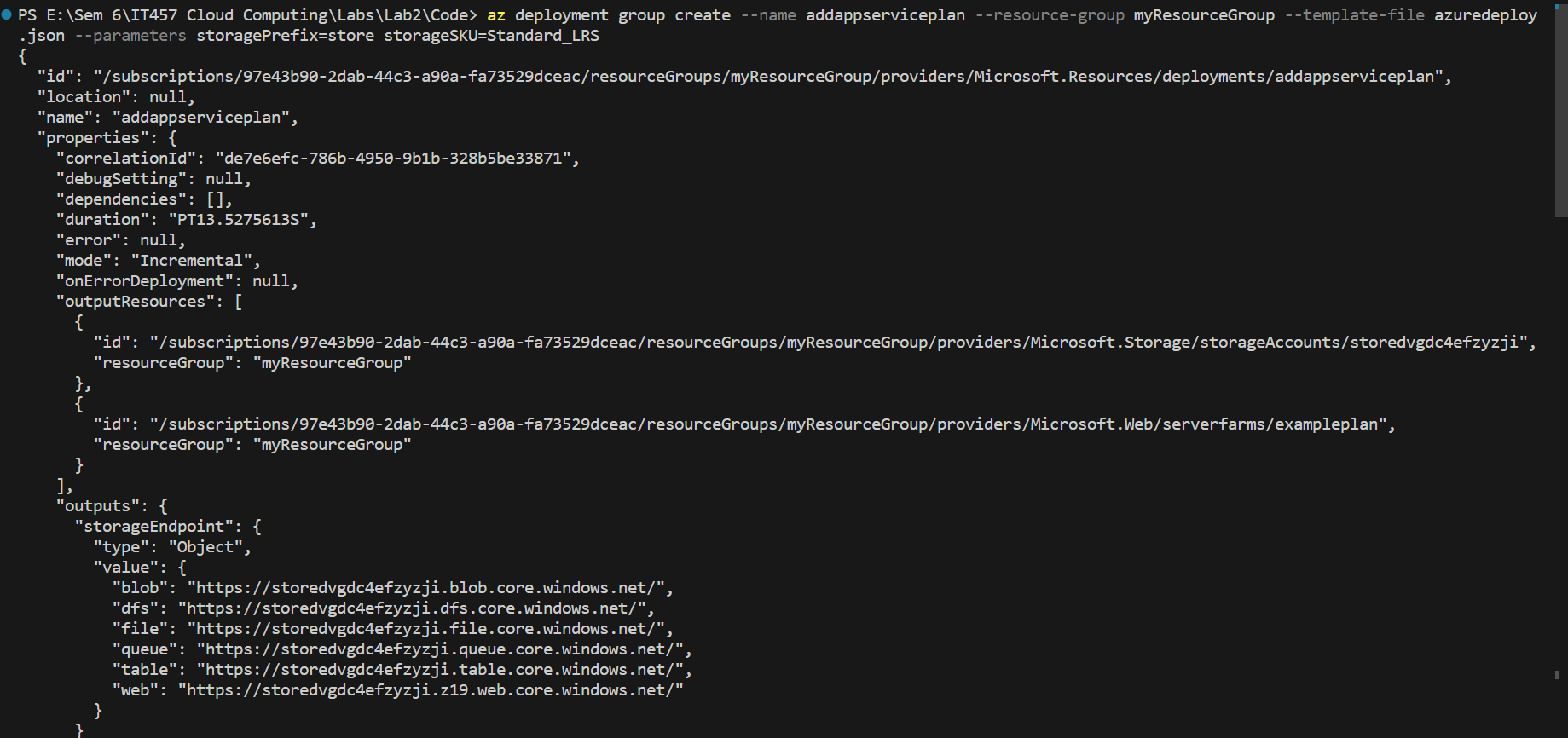


g. Using exported template

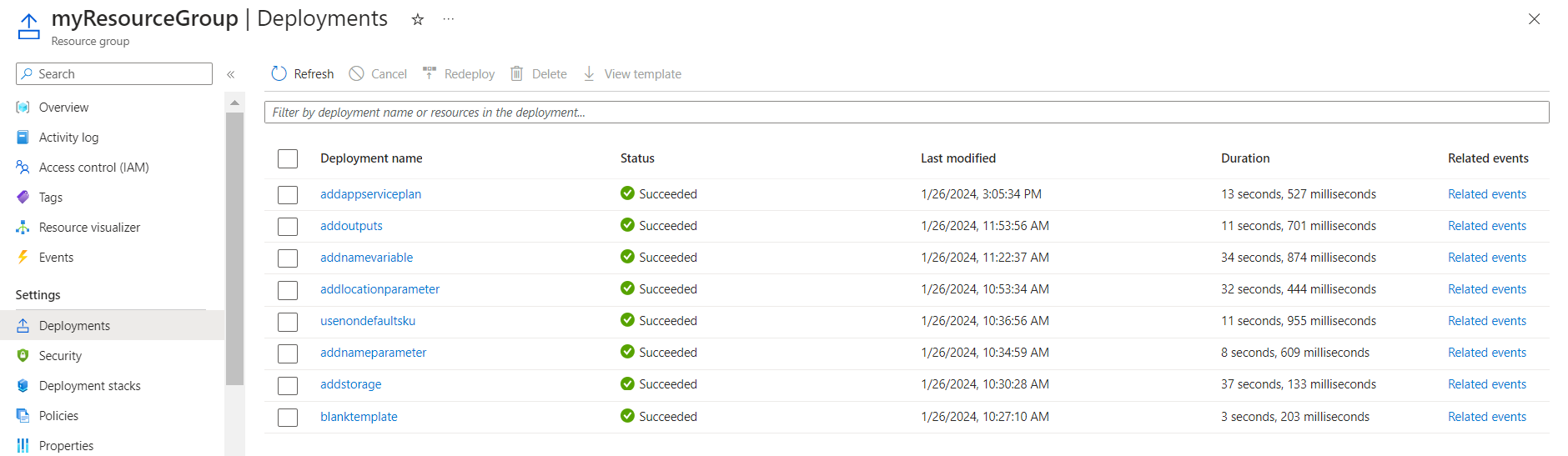
Exporting template:

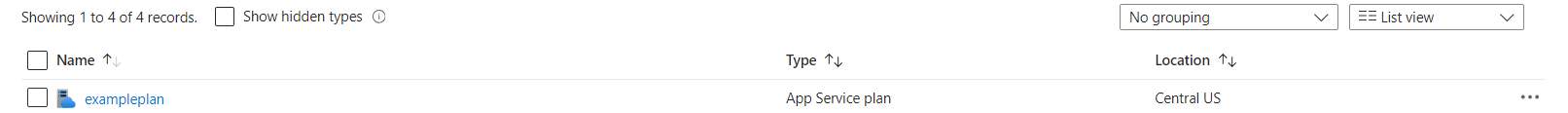


Deployment of revised exported template:



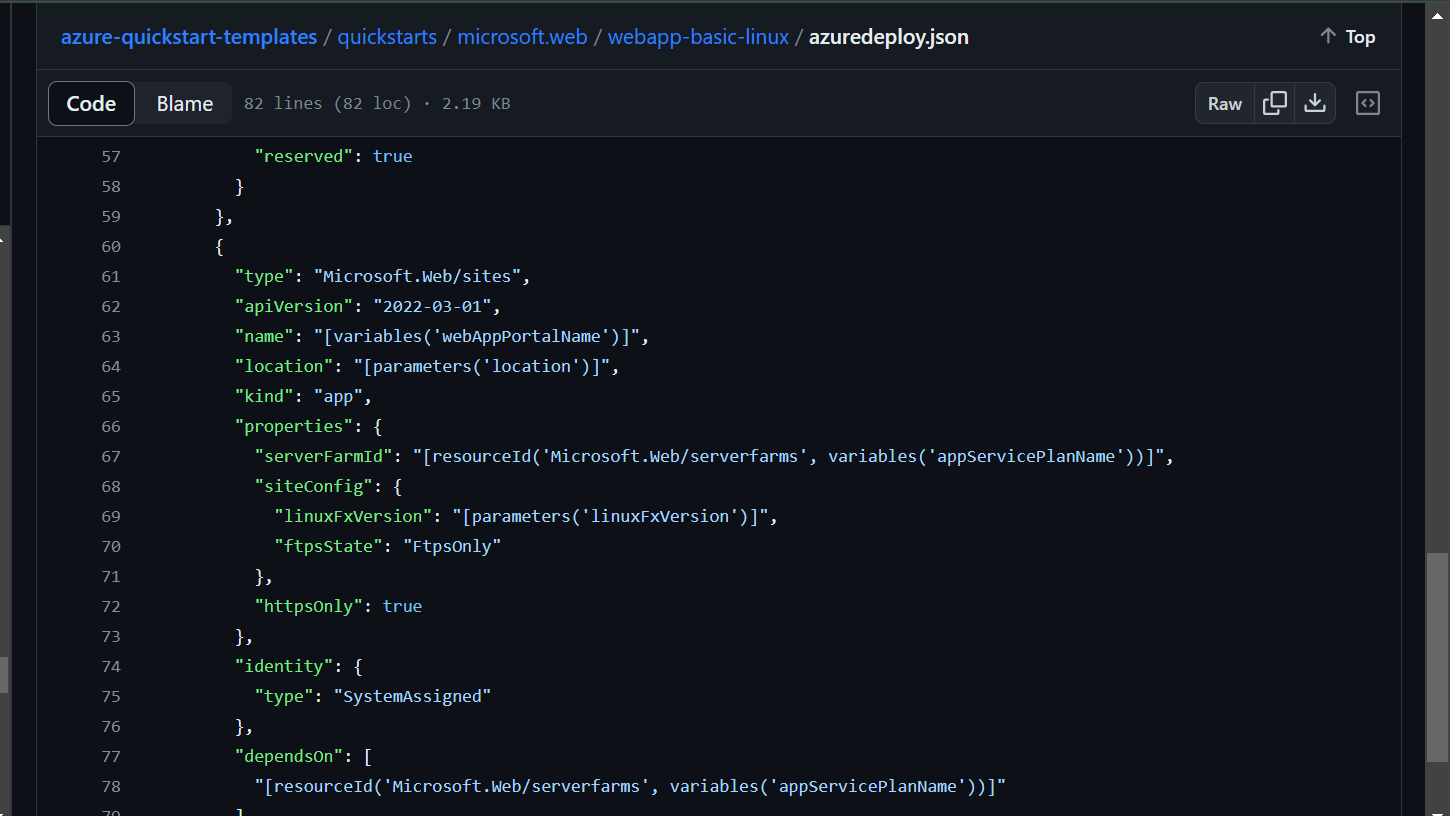
Result:



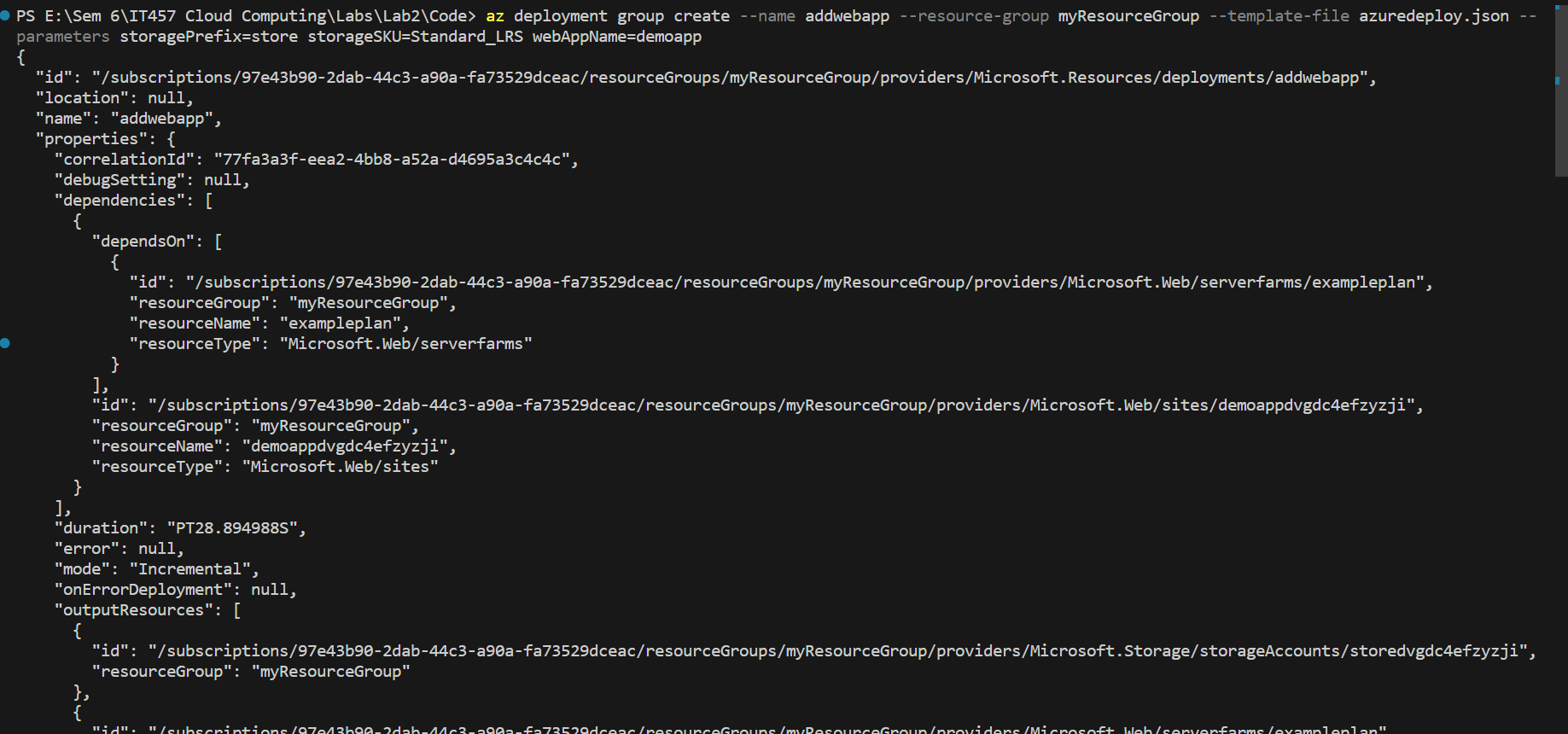


h. Using QuickStart template

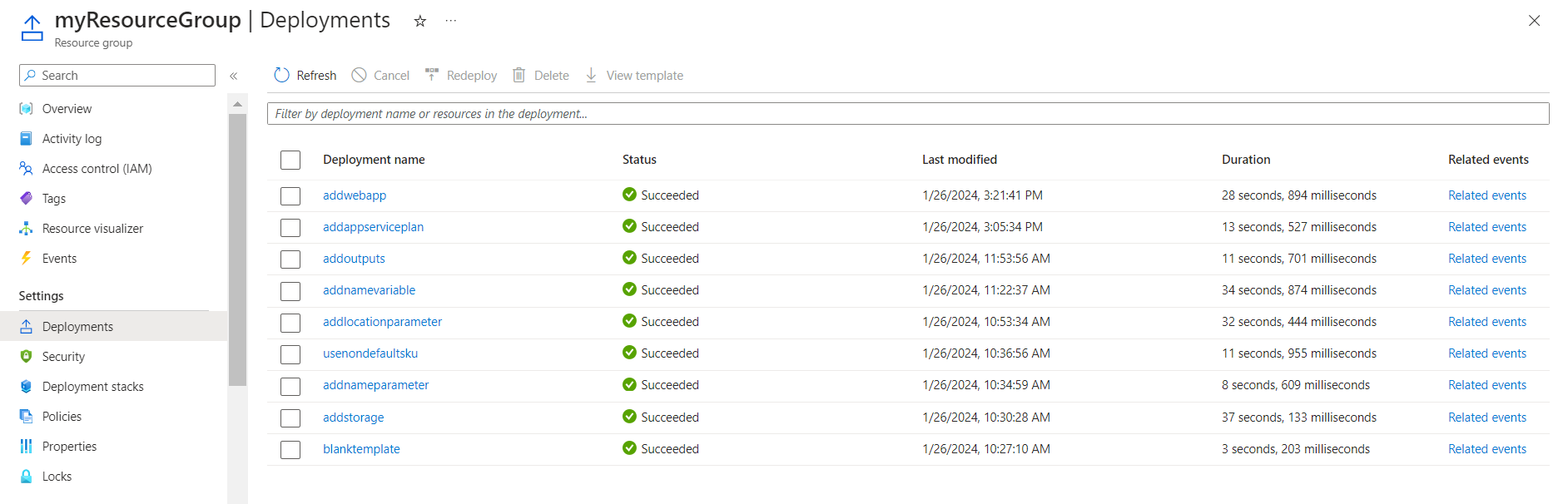
QuickStart template:

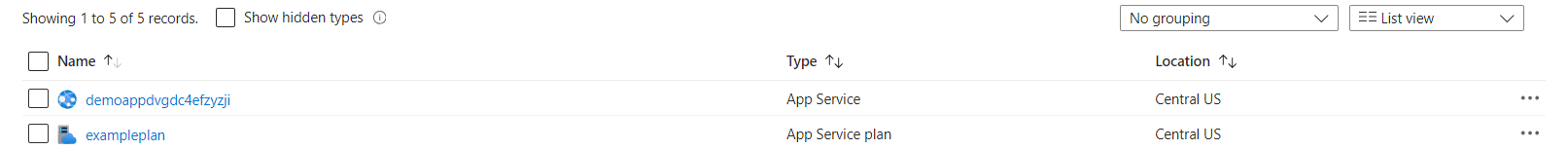


Deployment:



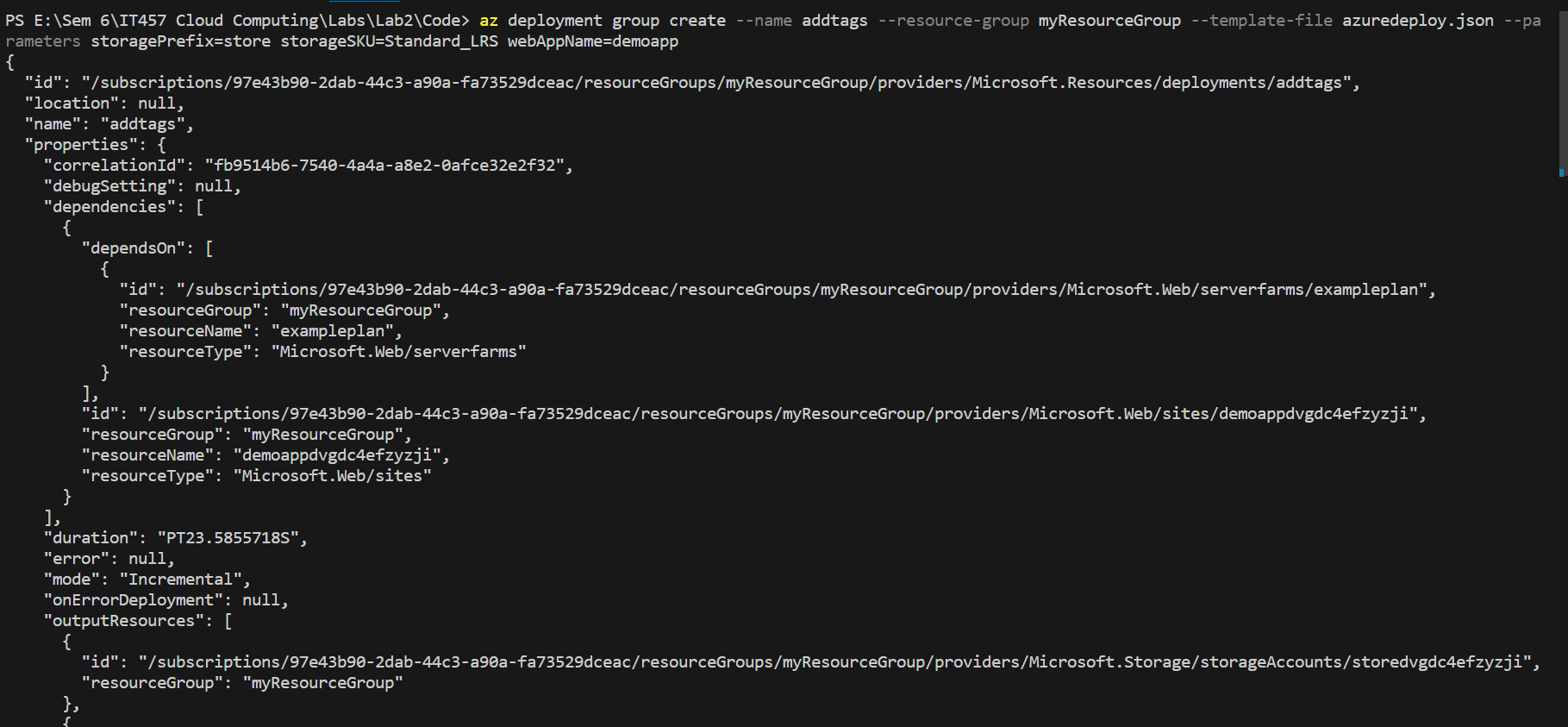
Result:



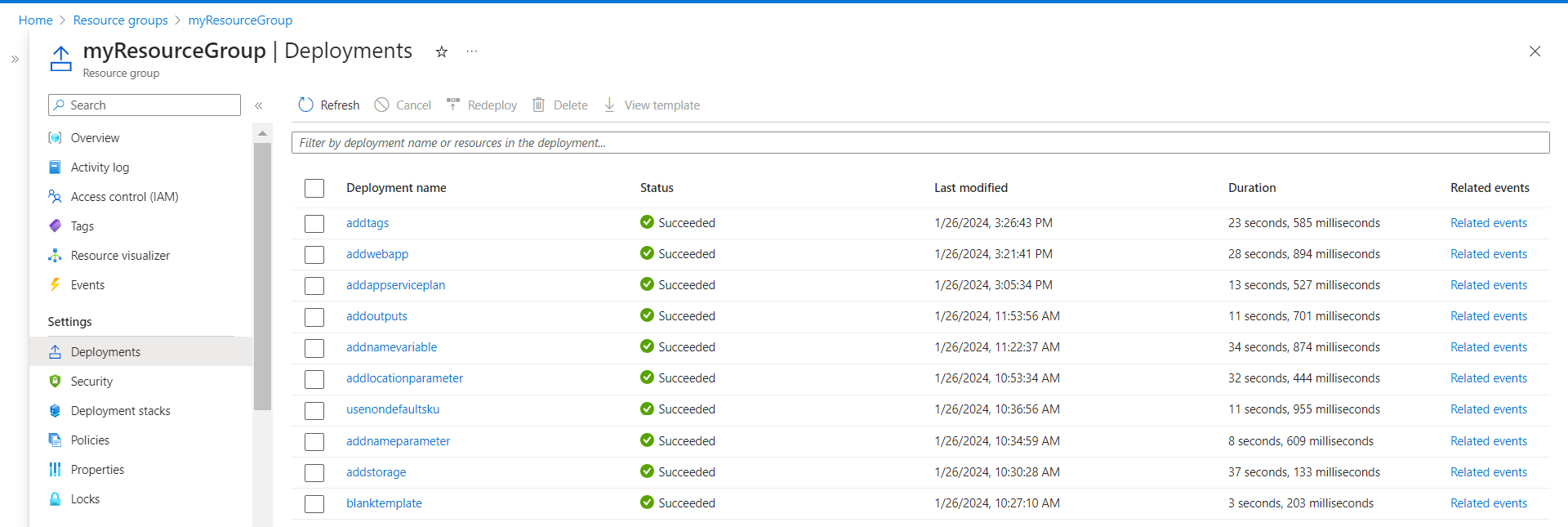


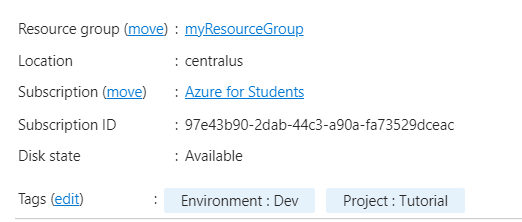
i. Adding Tags

Deployment:



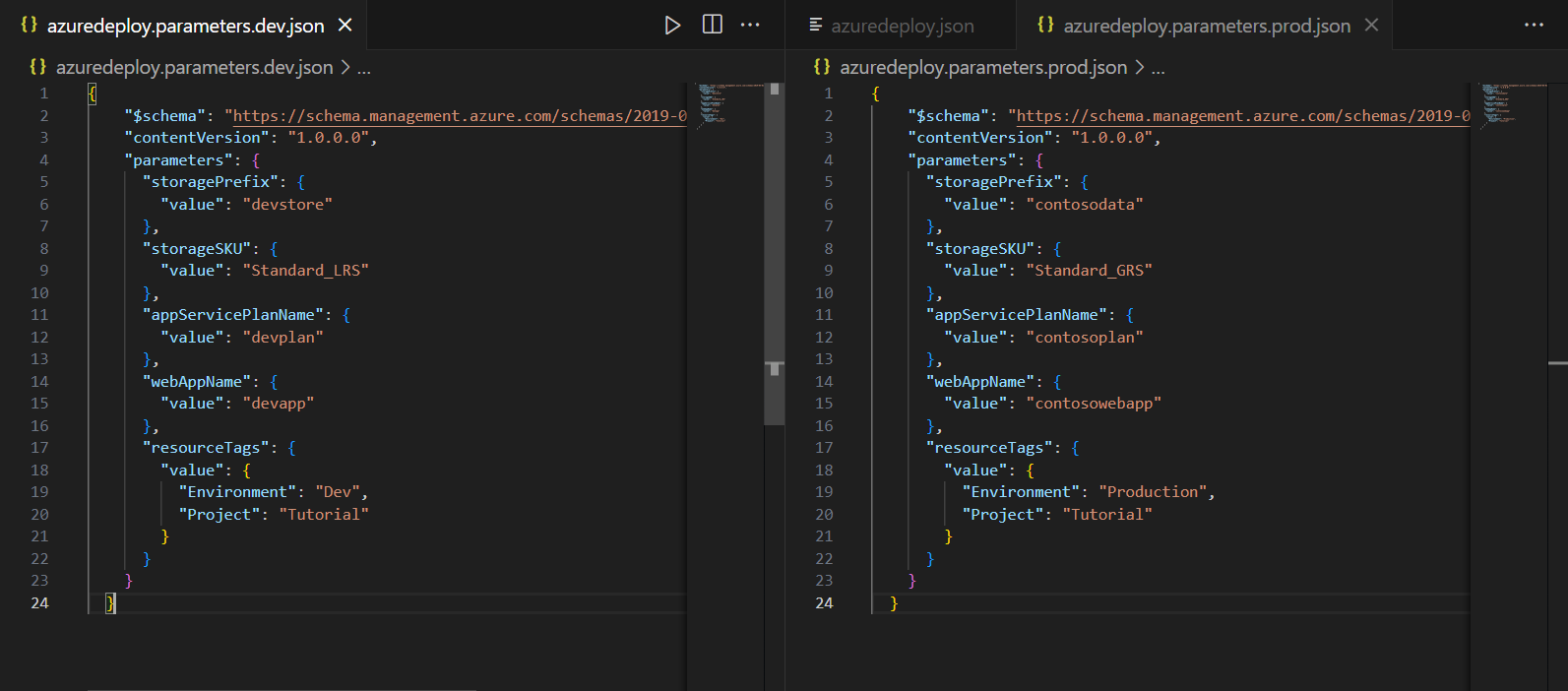
Result:



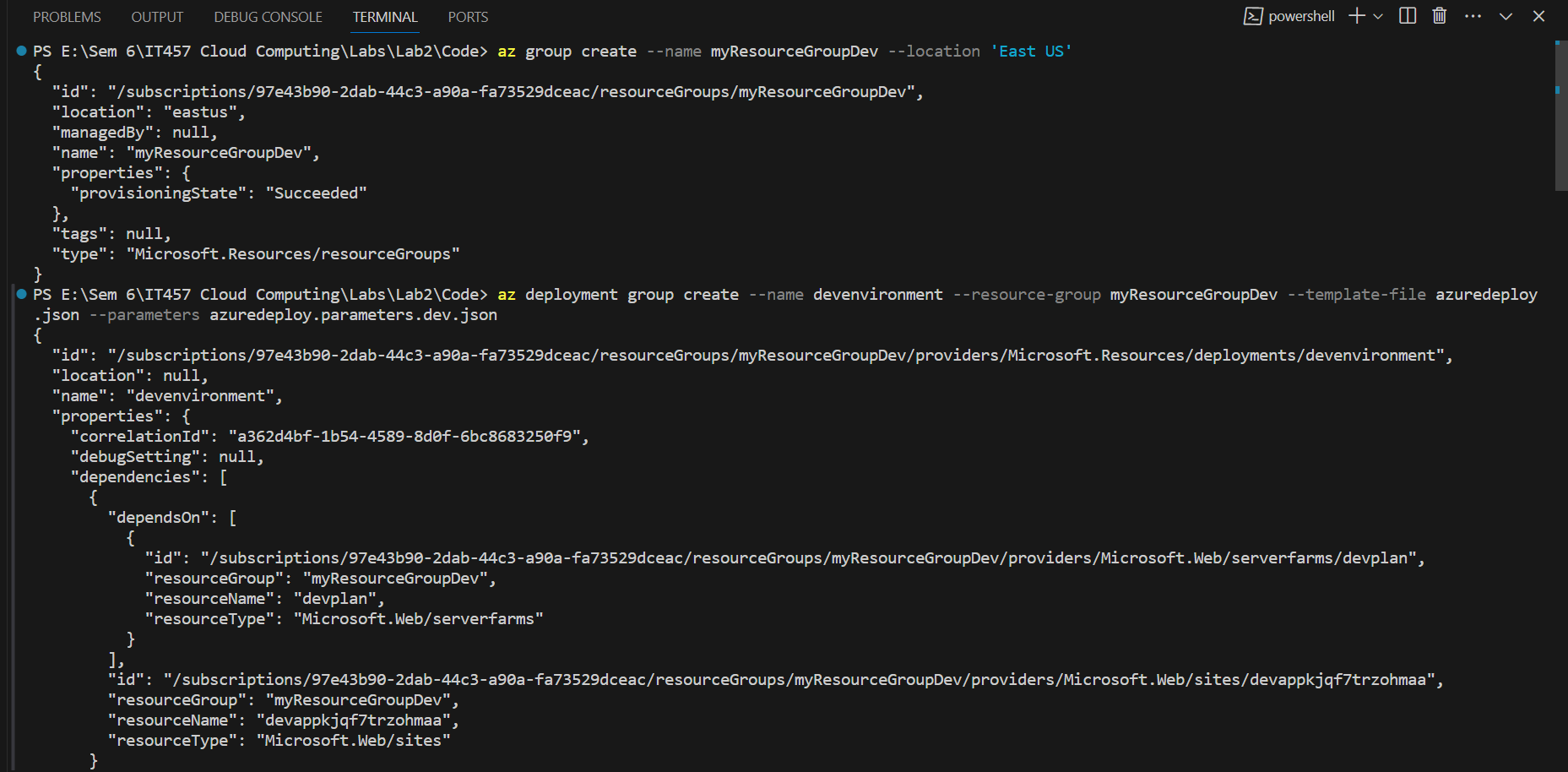


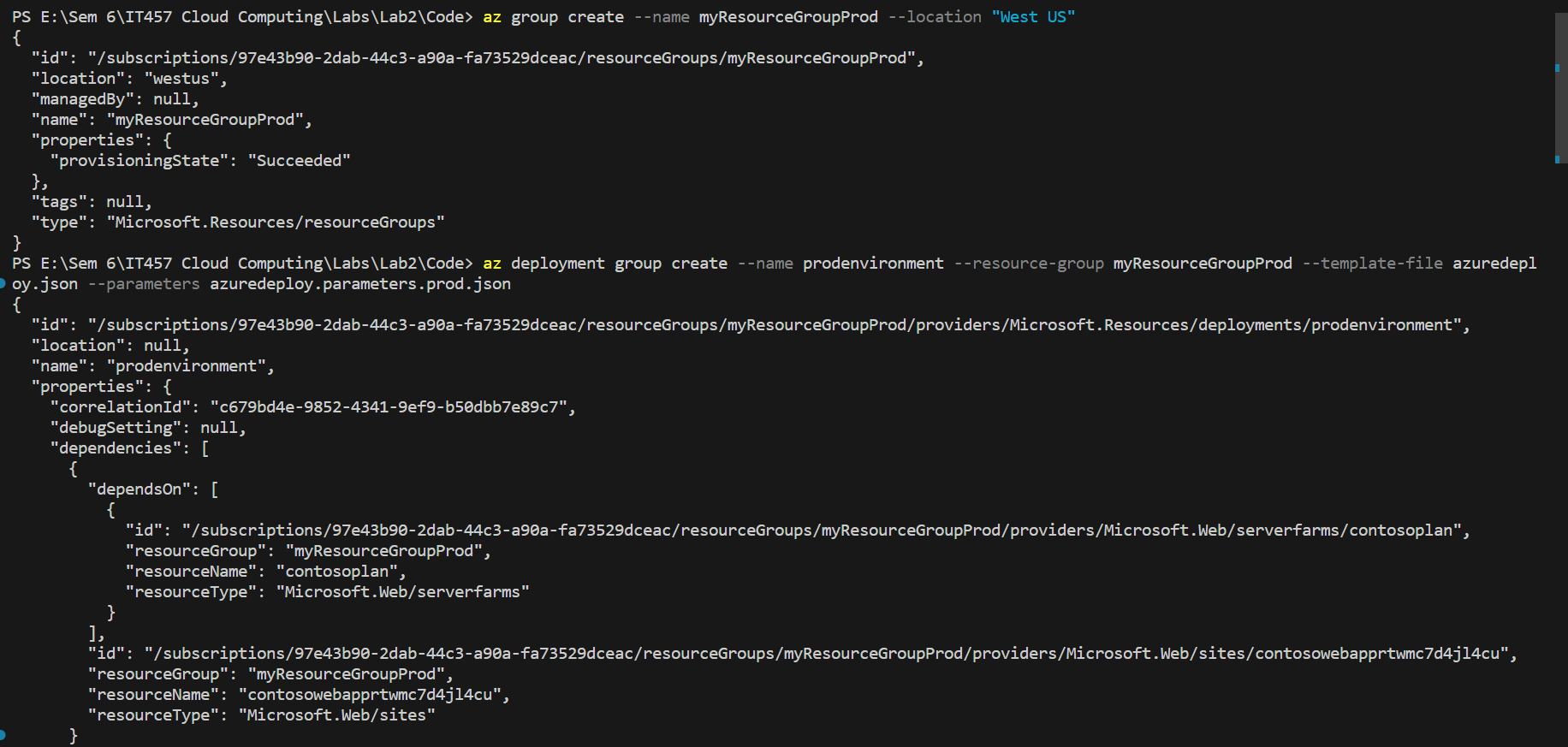
j. Using parameter files

Parameter files:

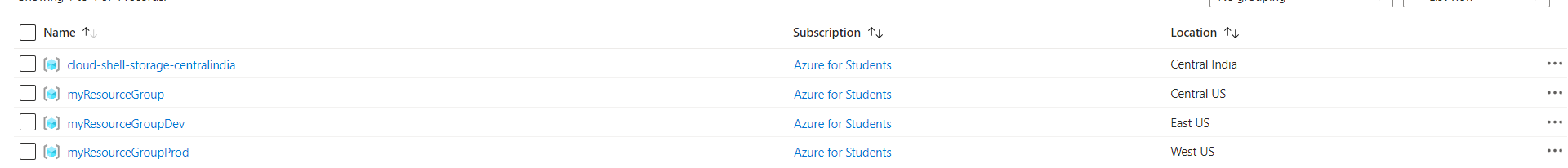


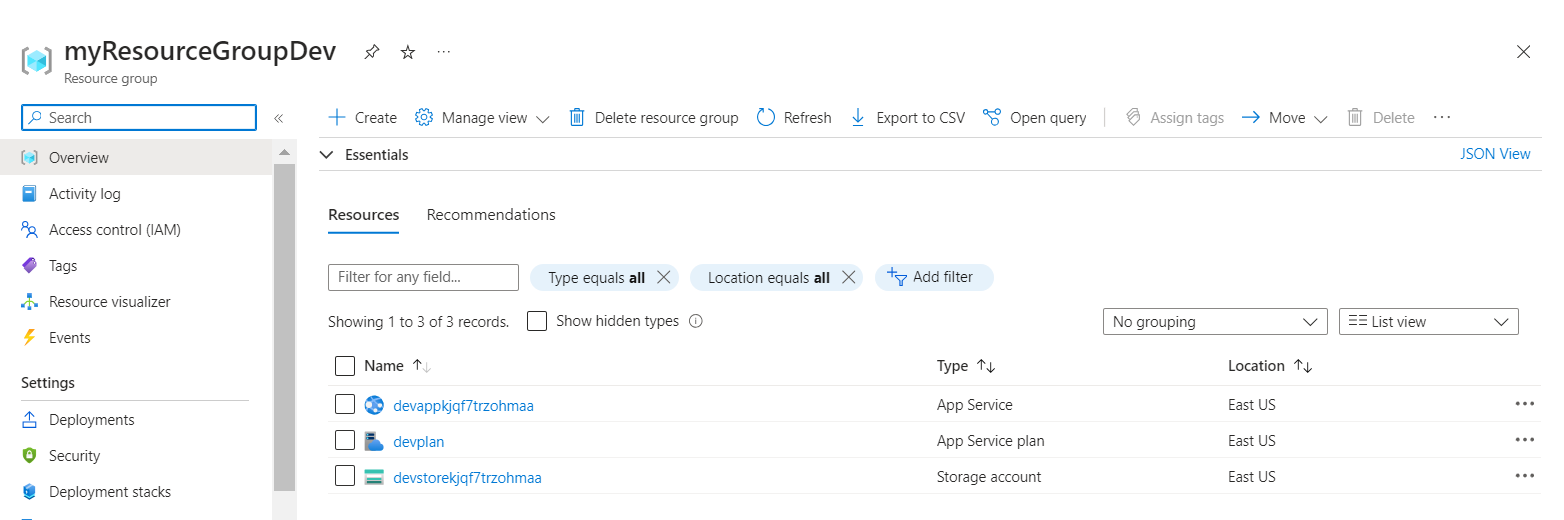
Deployment:

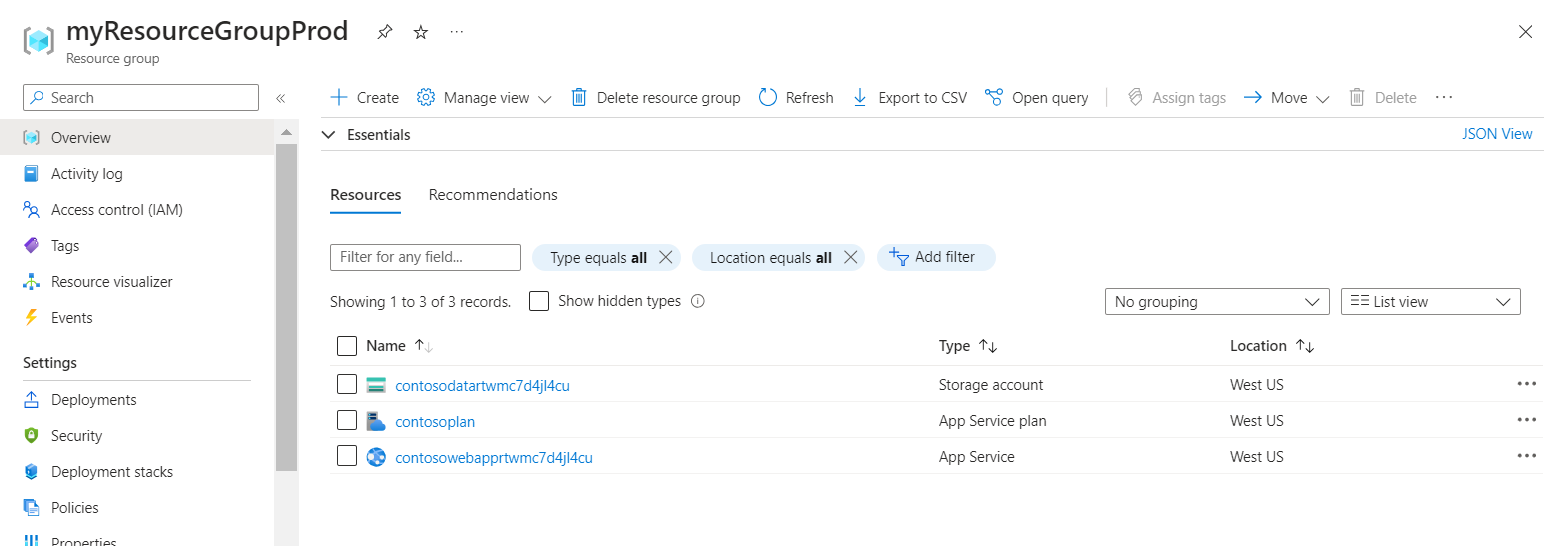




Result:



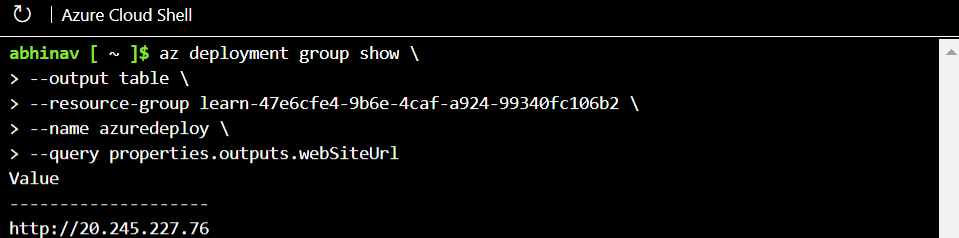




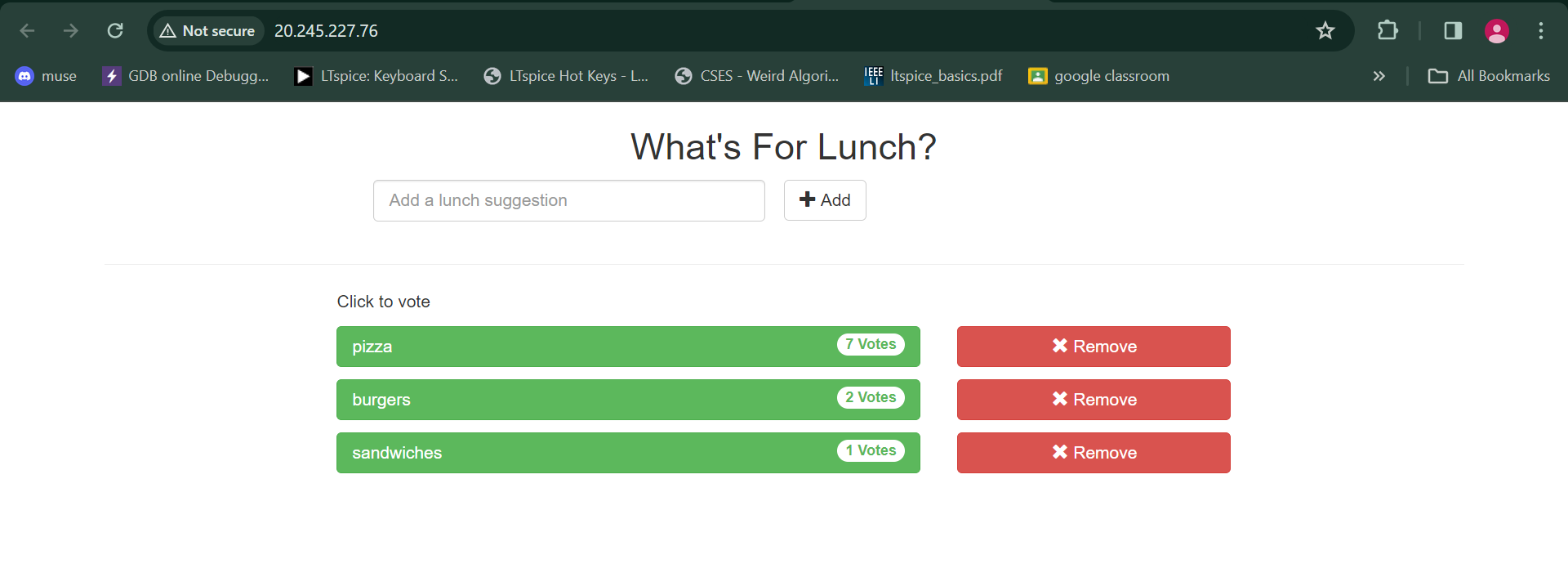
3. N-tier architecture:-

Deployment:

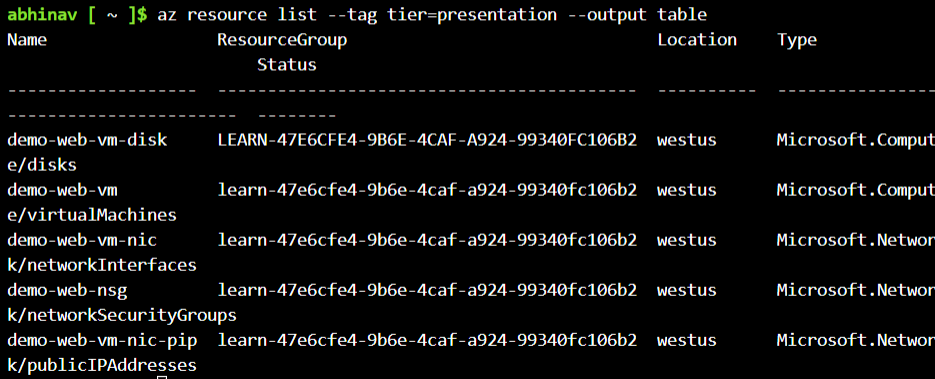




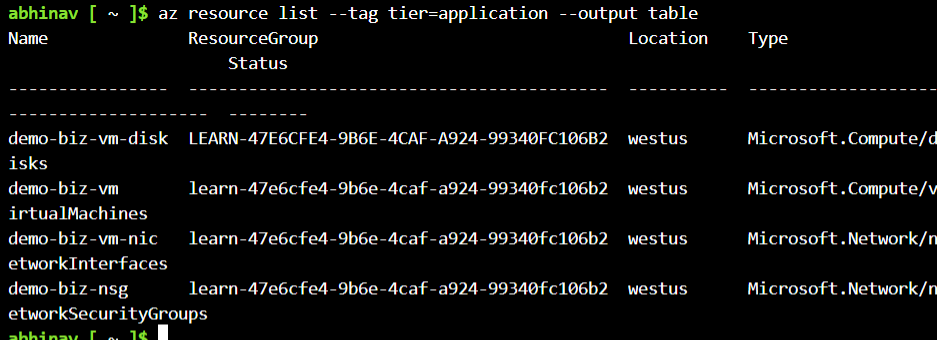
Result:



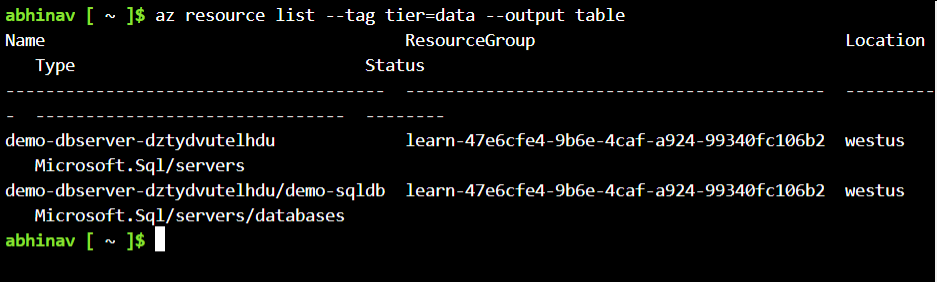
1. Presentation Tier



1. Application Tier

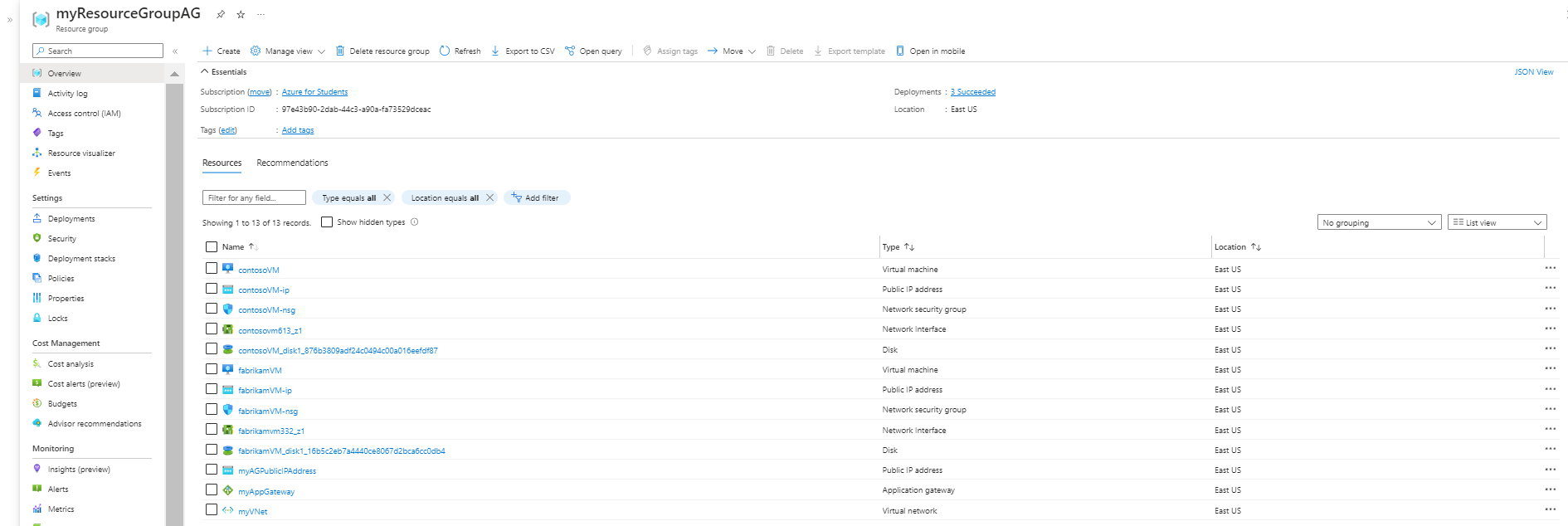


1. Data Tier

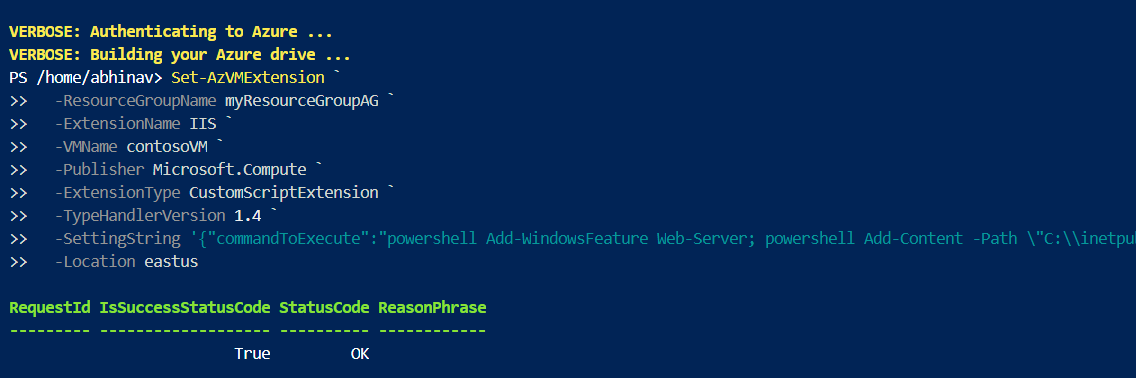


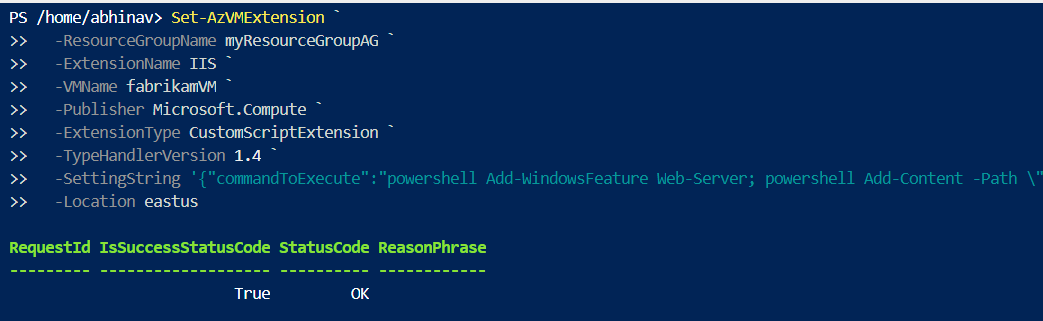
4. Application Gateway Tutorial:-

Resources created:

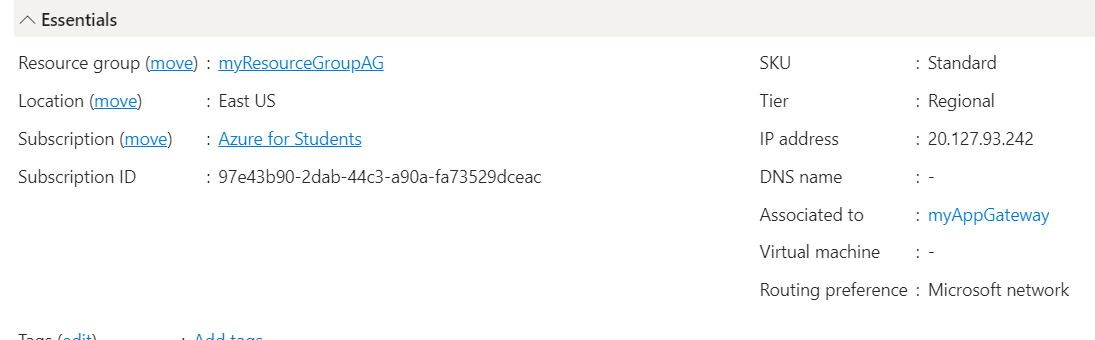


IIS installation:





IP Address:



Result:

