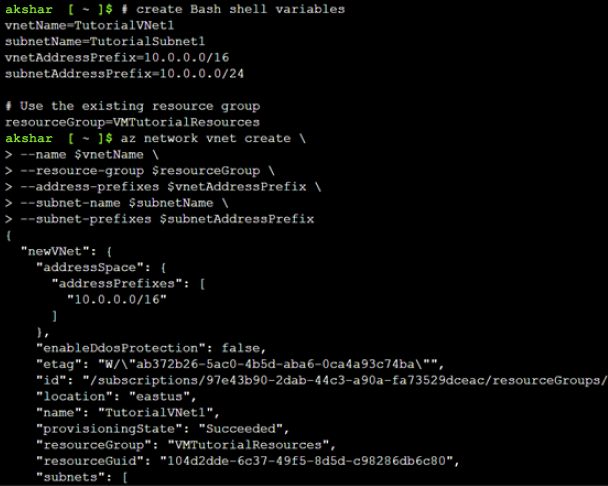
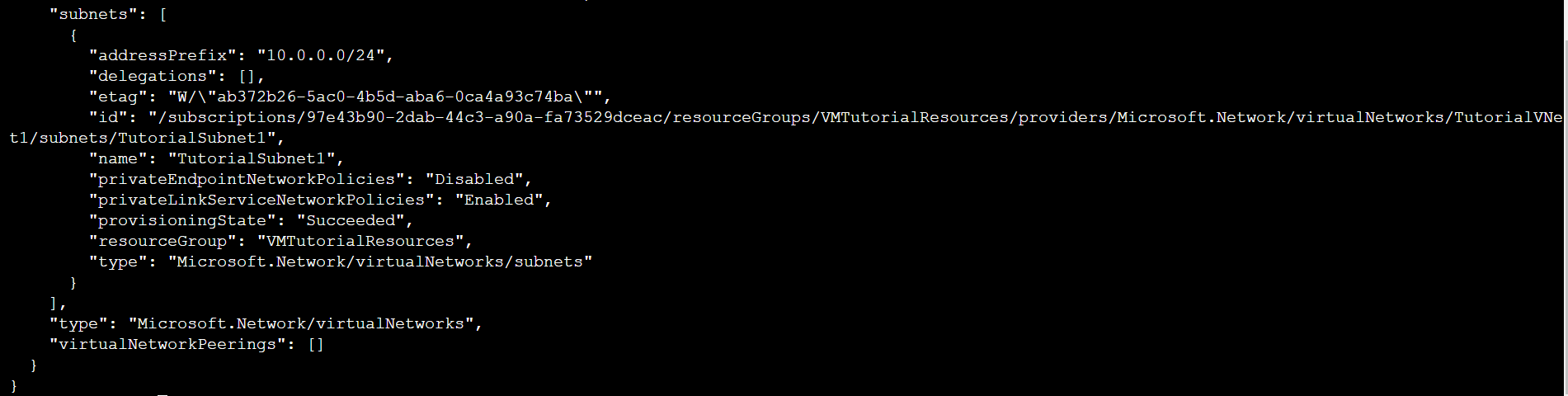


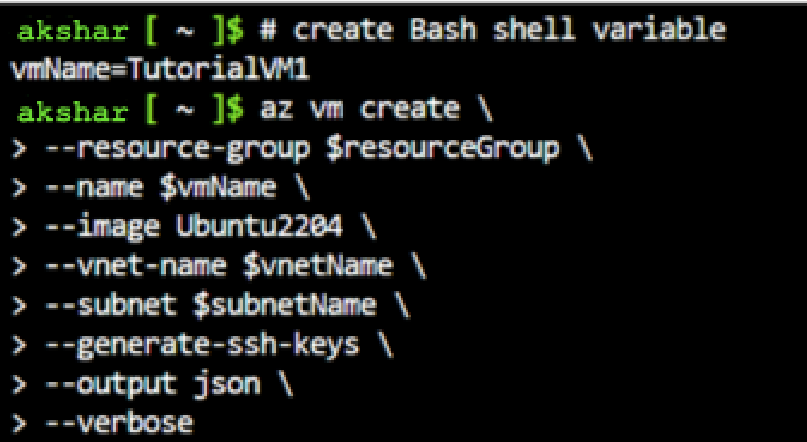
|  |  |
| --- | --- |
|  | Lab 2: VM using CLI, ARM templates, N-Tier architecture. |
|  |  |
|  | Akshar Panchani ID- 202101522  IT457 Cloud Computing  1/30/24 |

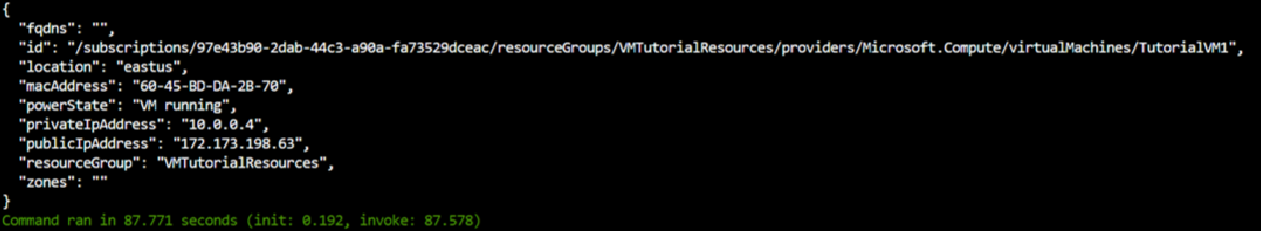
1. Create a VM using CLI: -



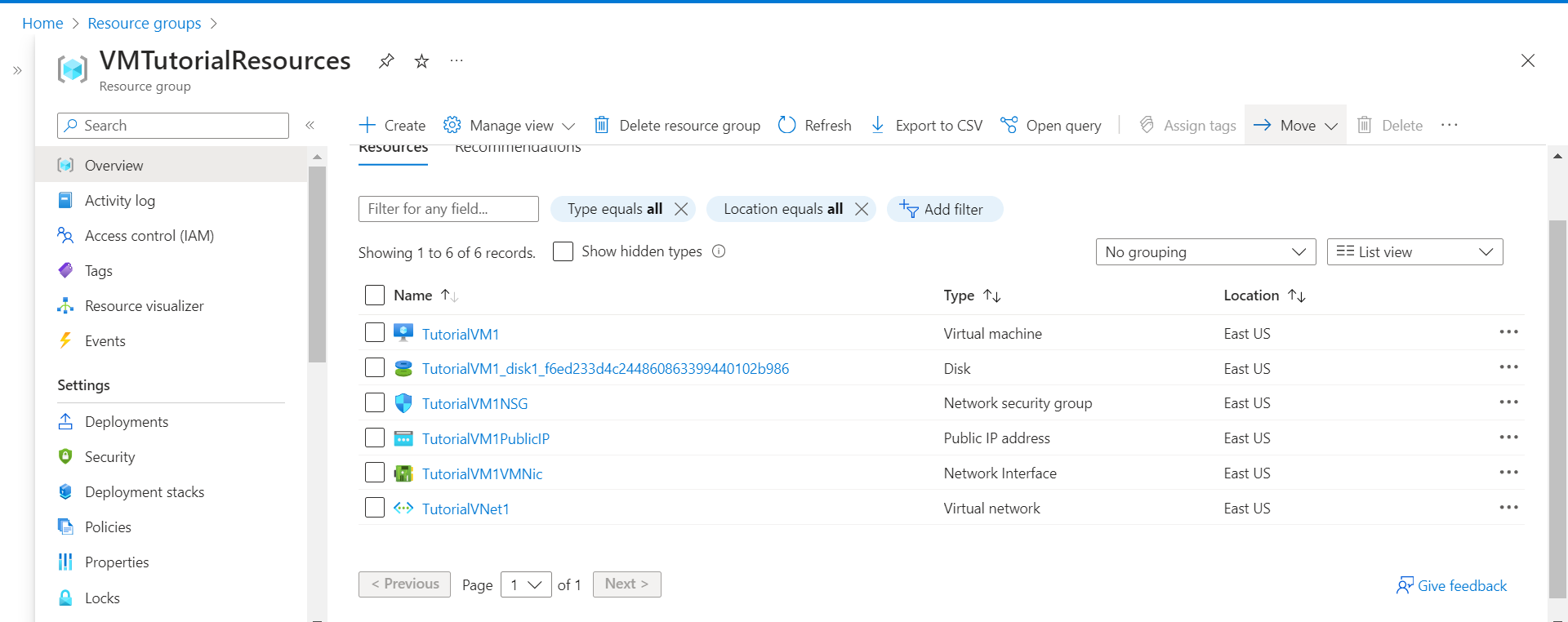








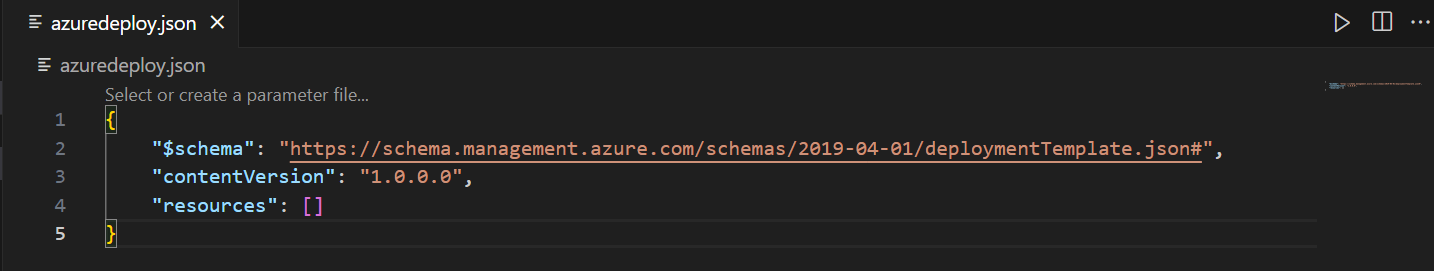
Result:



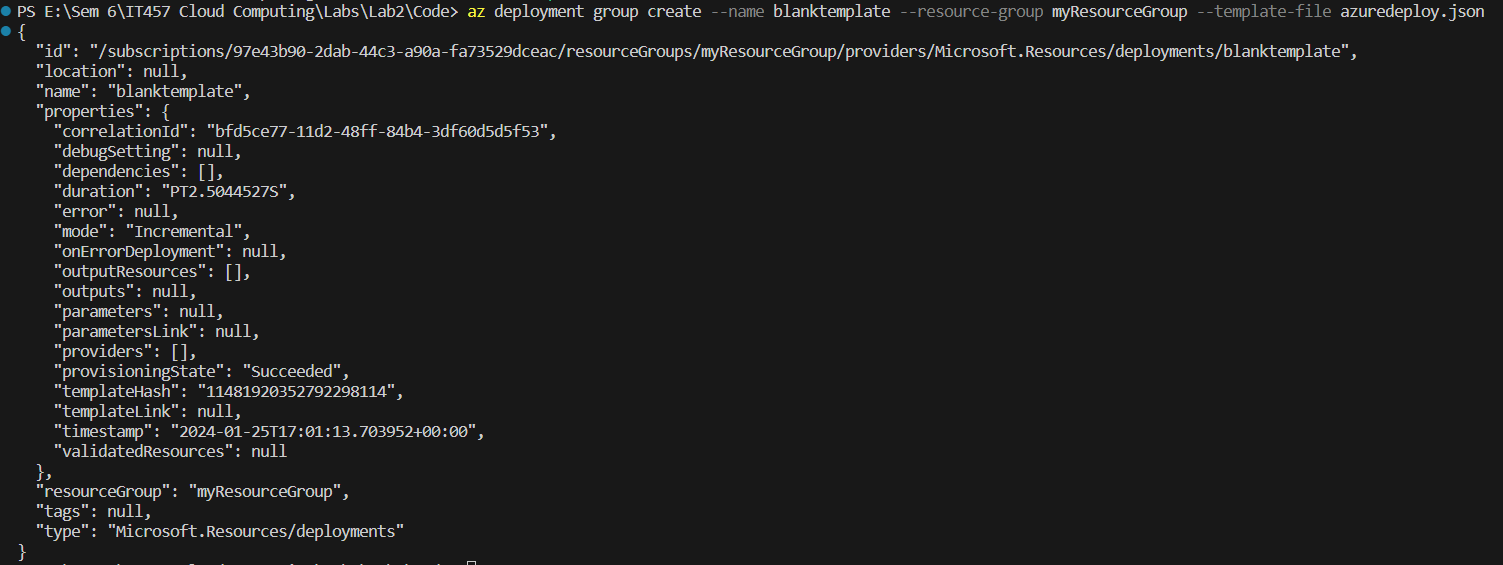
2. Introduction to ARM templates: -

a. Creating first template

JSON:



Deployment:

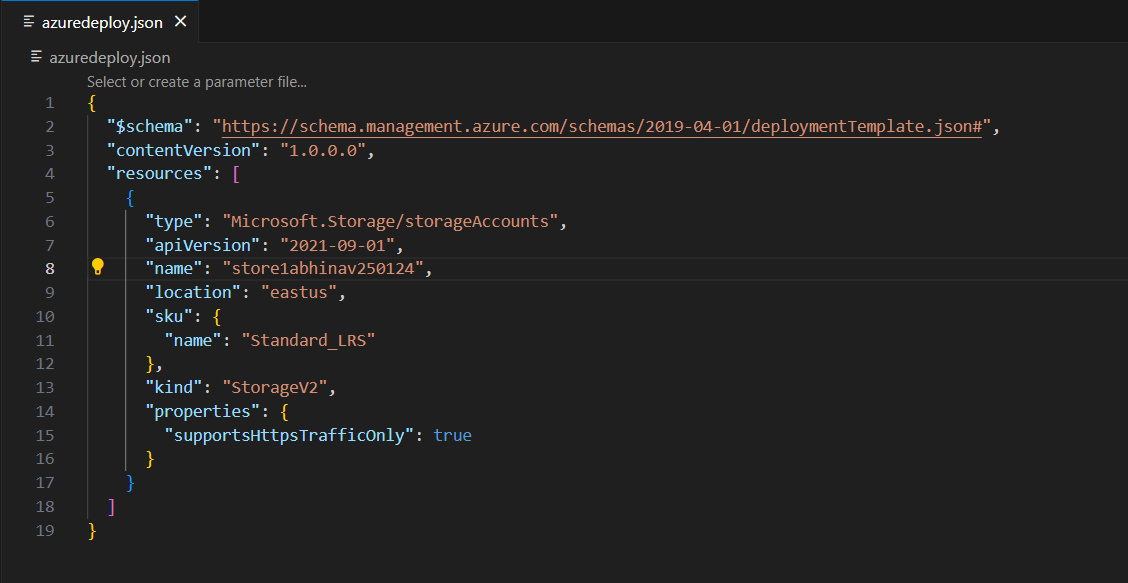


Result:

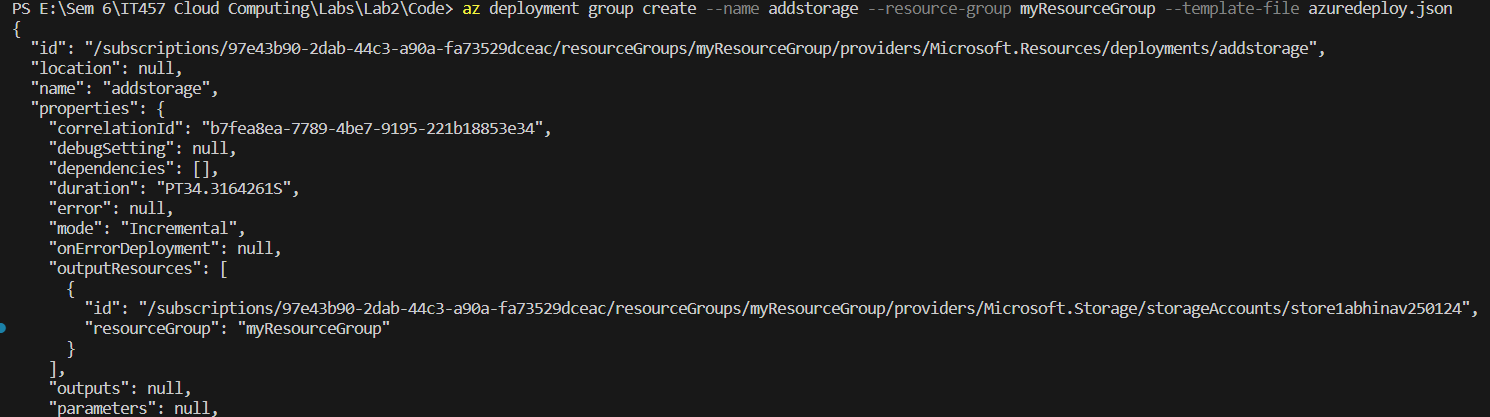


b. Adding resource

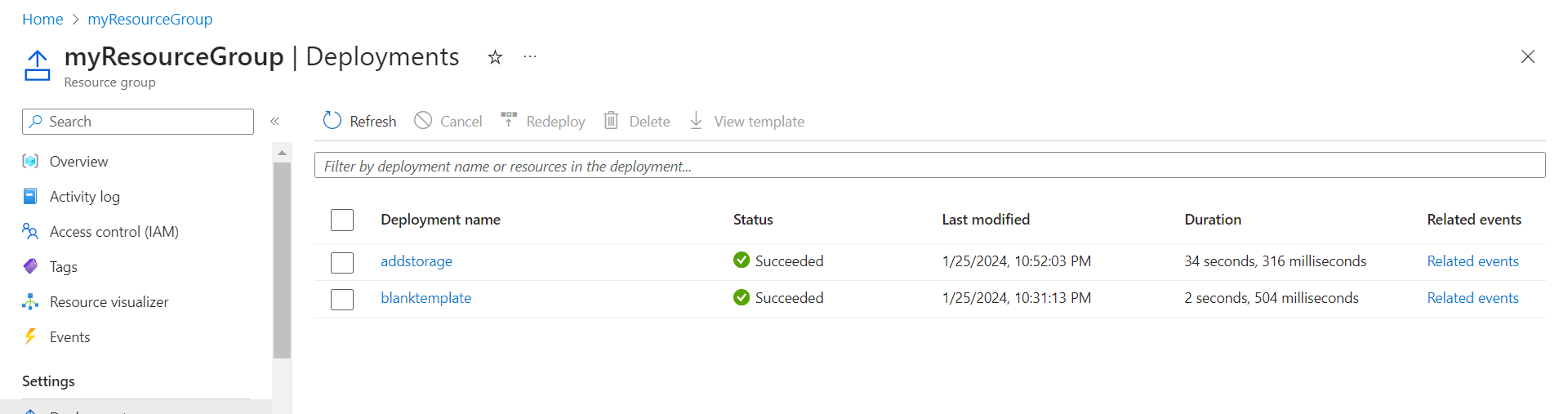
JSON:



Deployment:

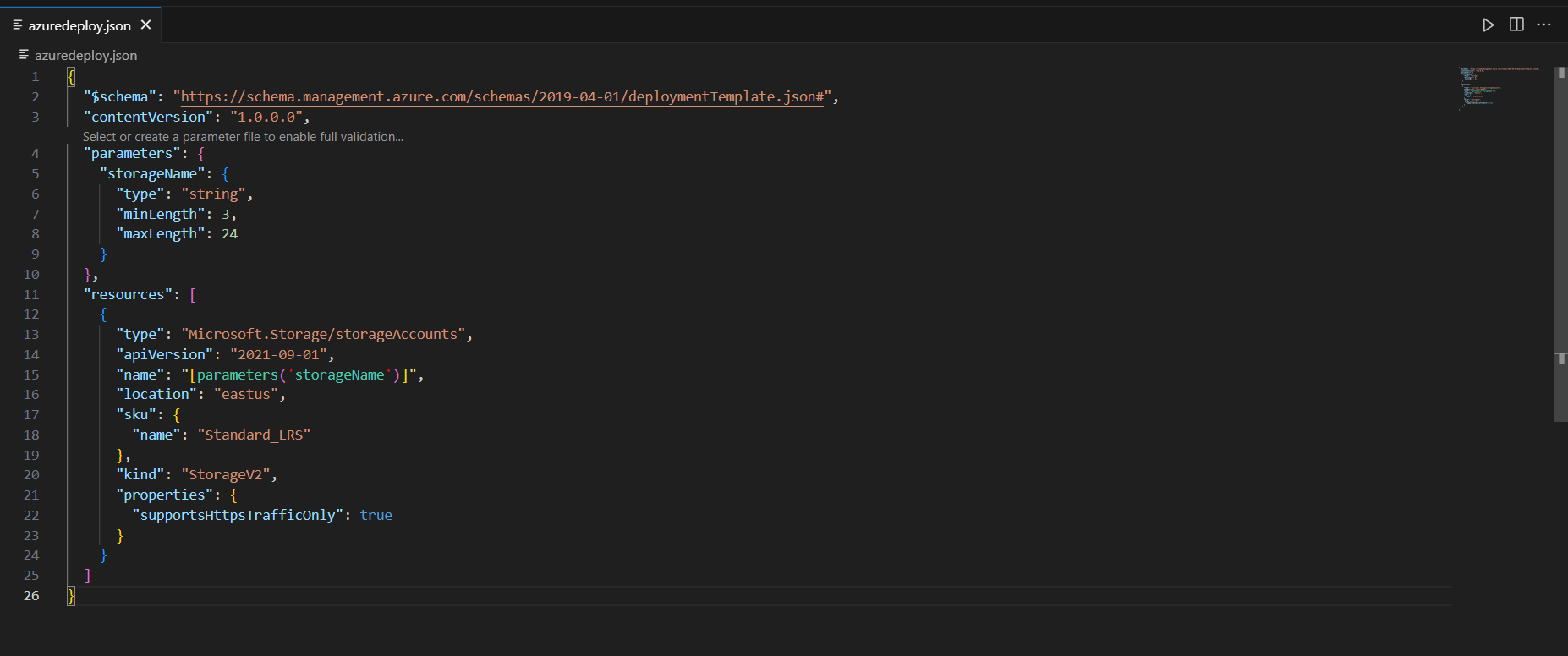


Result:

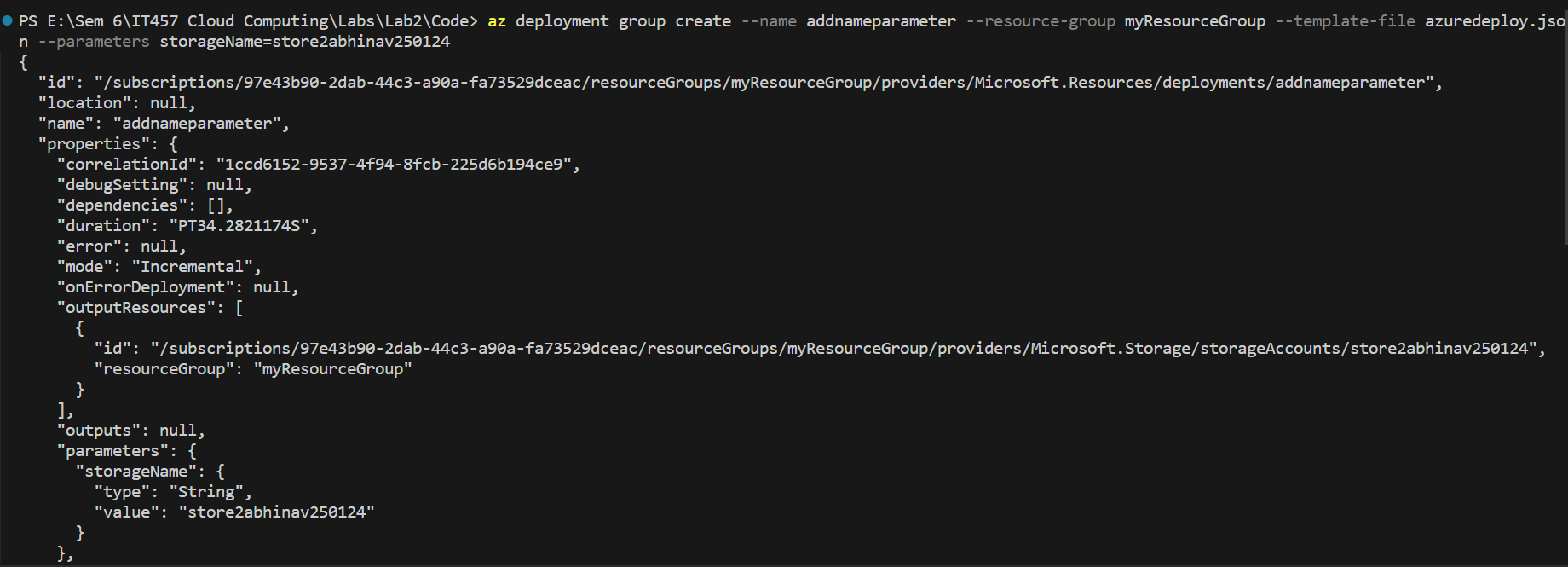


c. Adding parameters

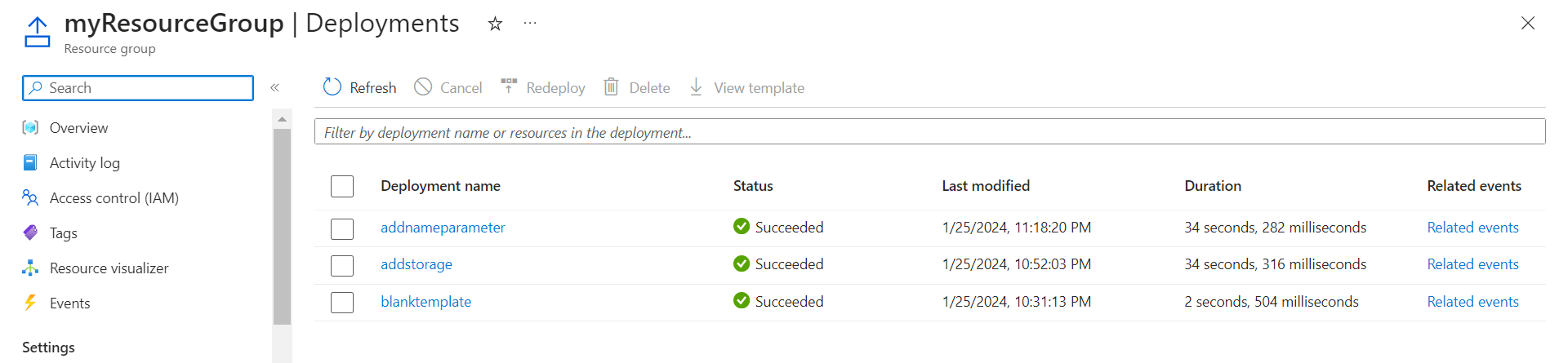
JSON:



Deployment:

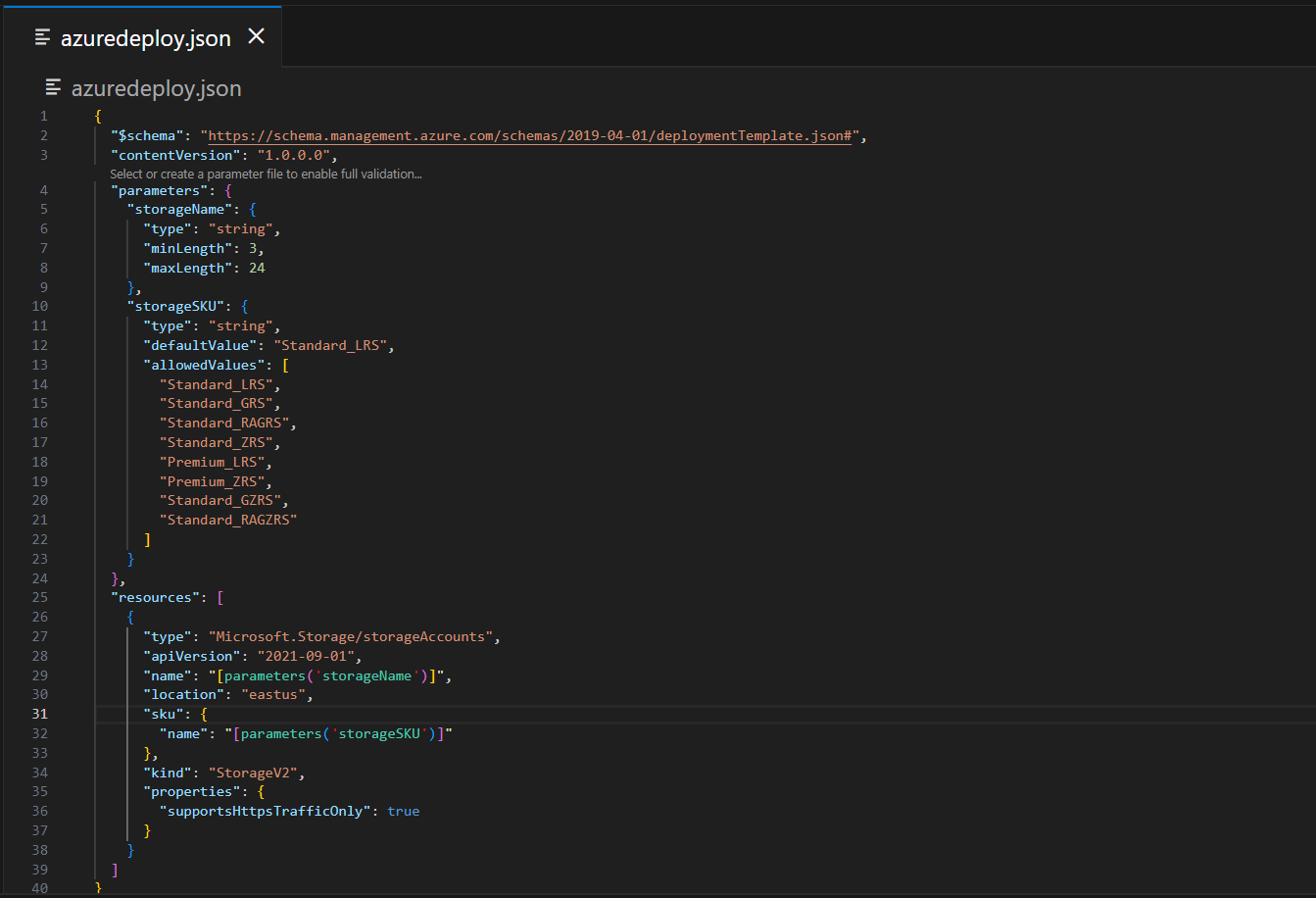


Result:

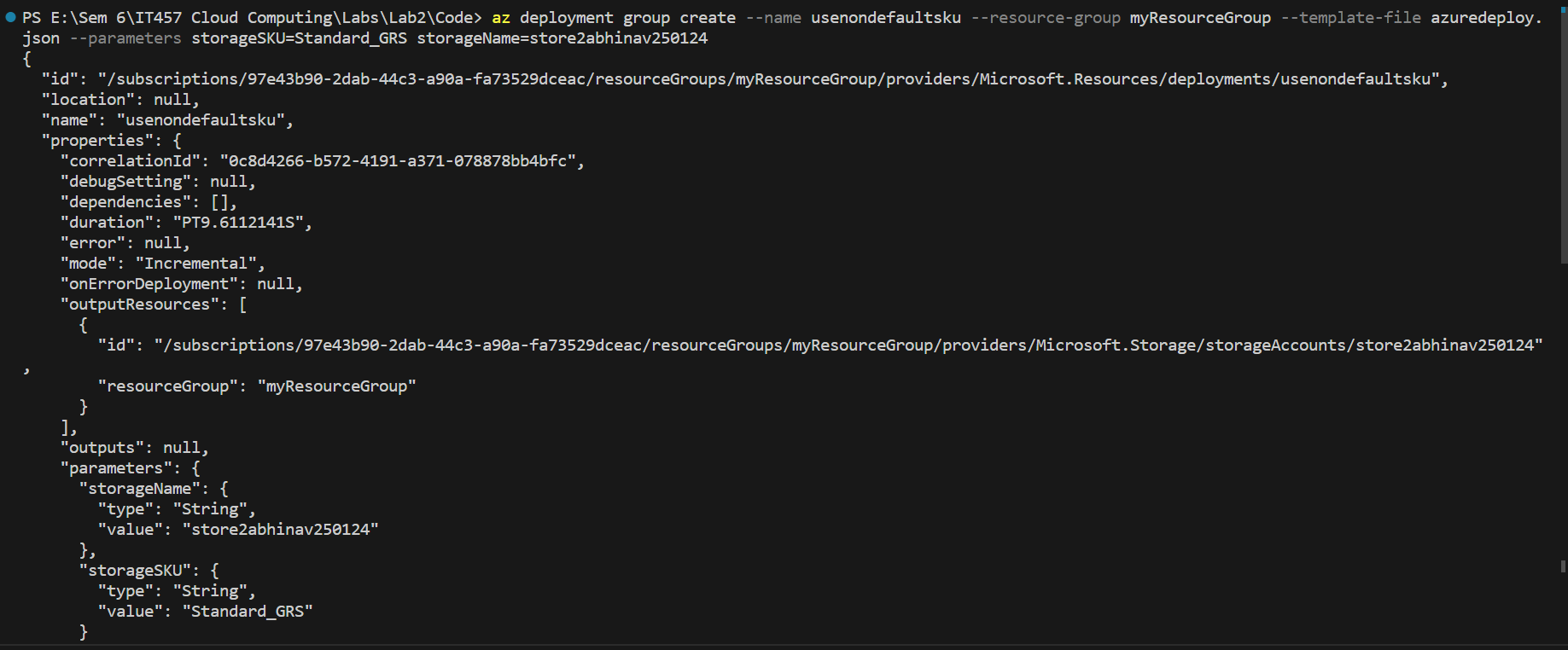


Redeploying with SKU parameters: -

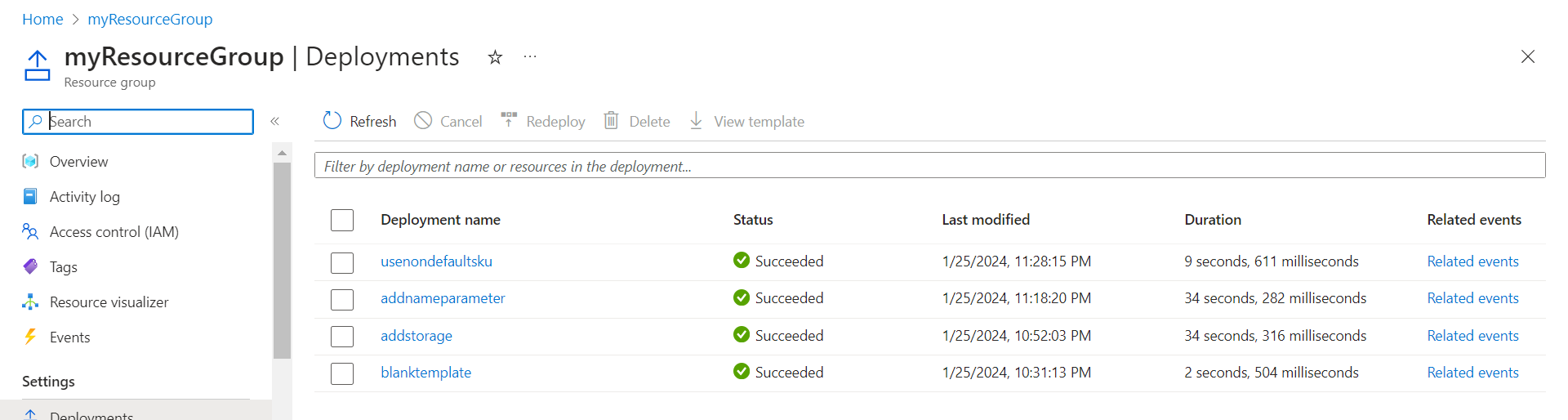
JSON:



Deployment:

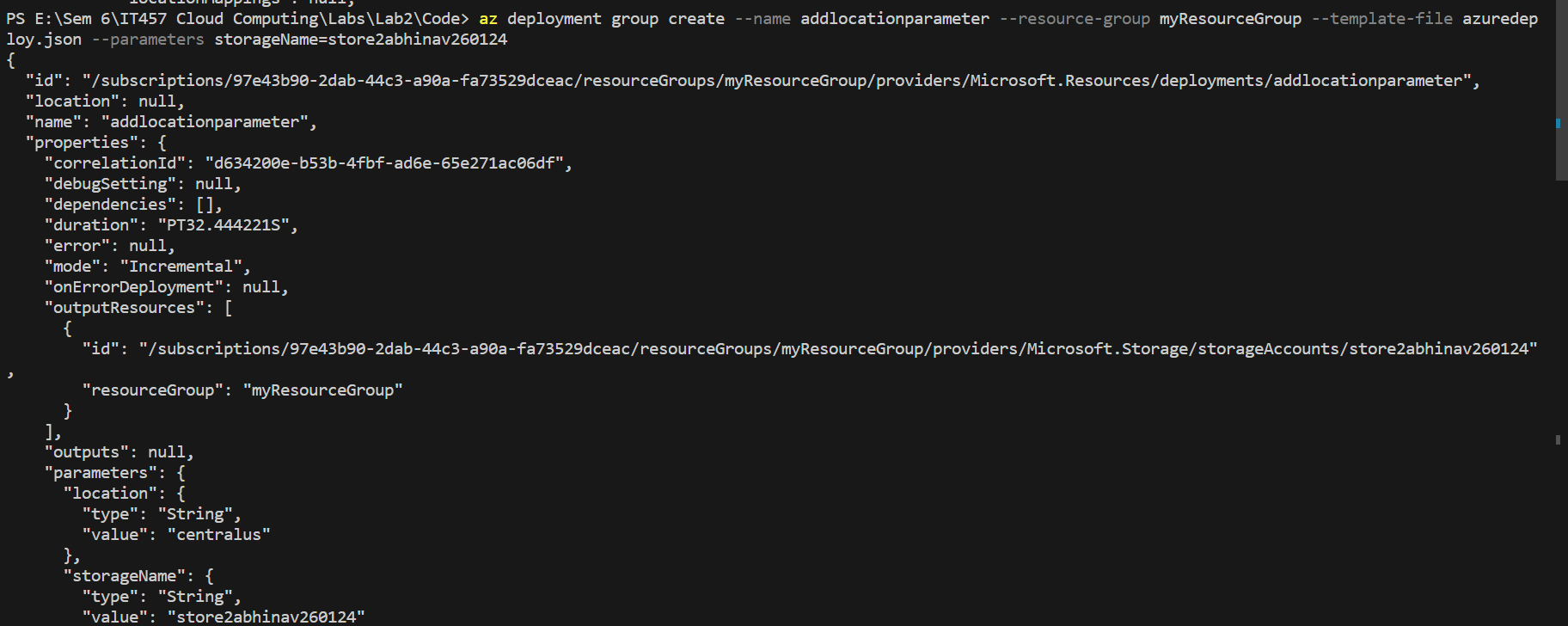


Result:

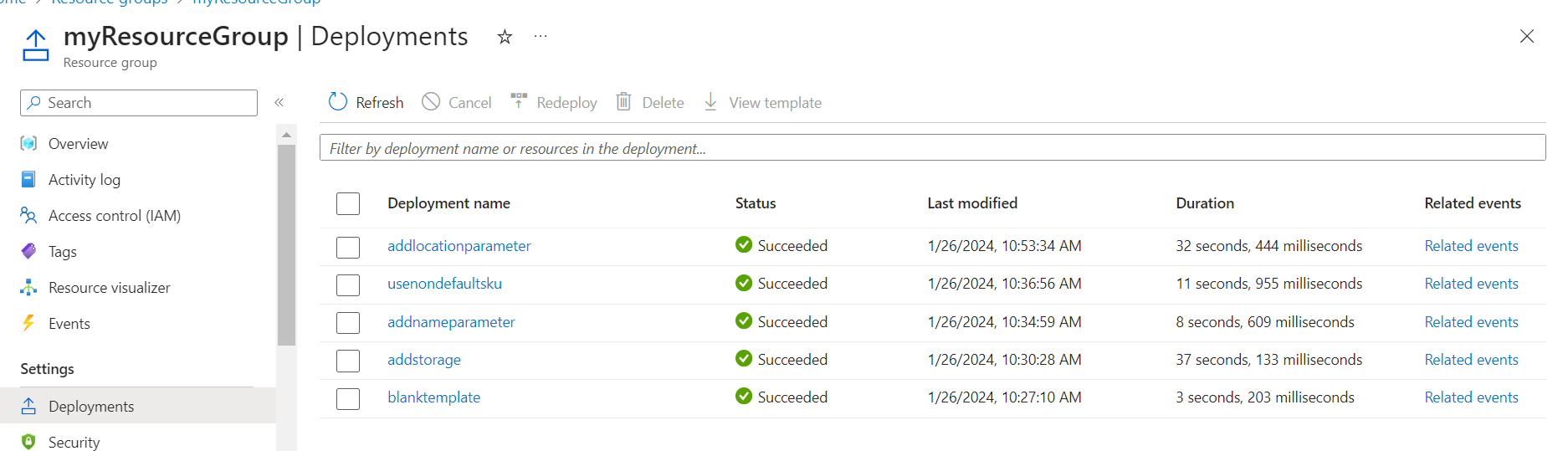


d. Adding template functions

Deployment:



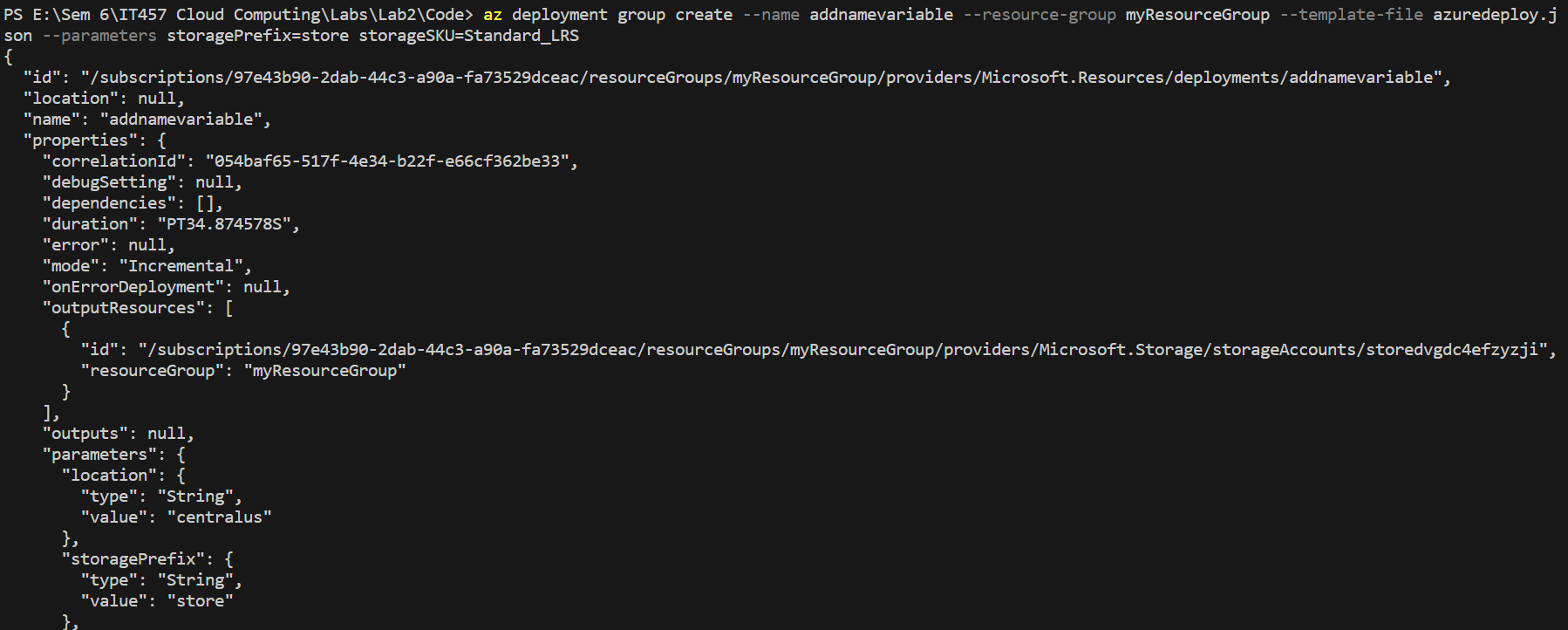
Result:



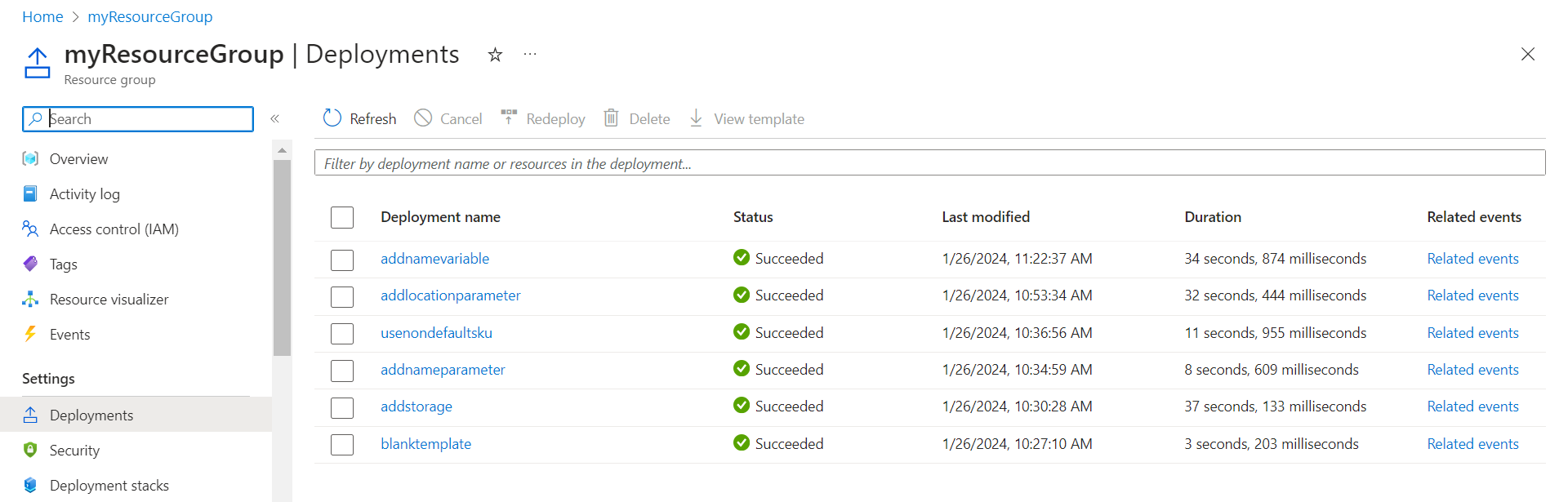
Resource group and storage account location is in Central US.

e. Adding variables

Deployment:

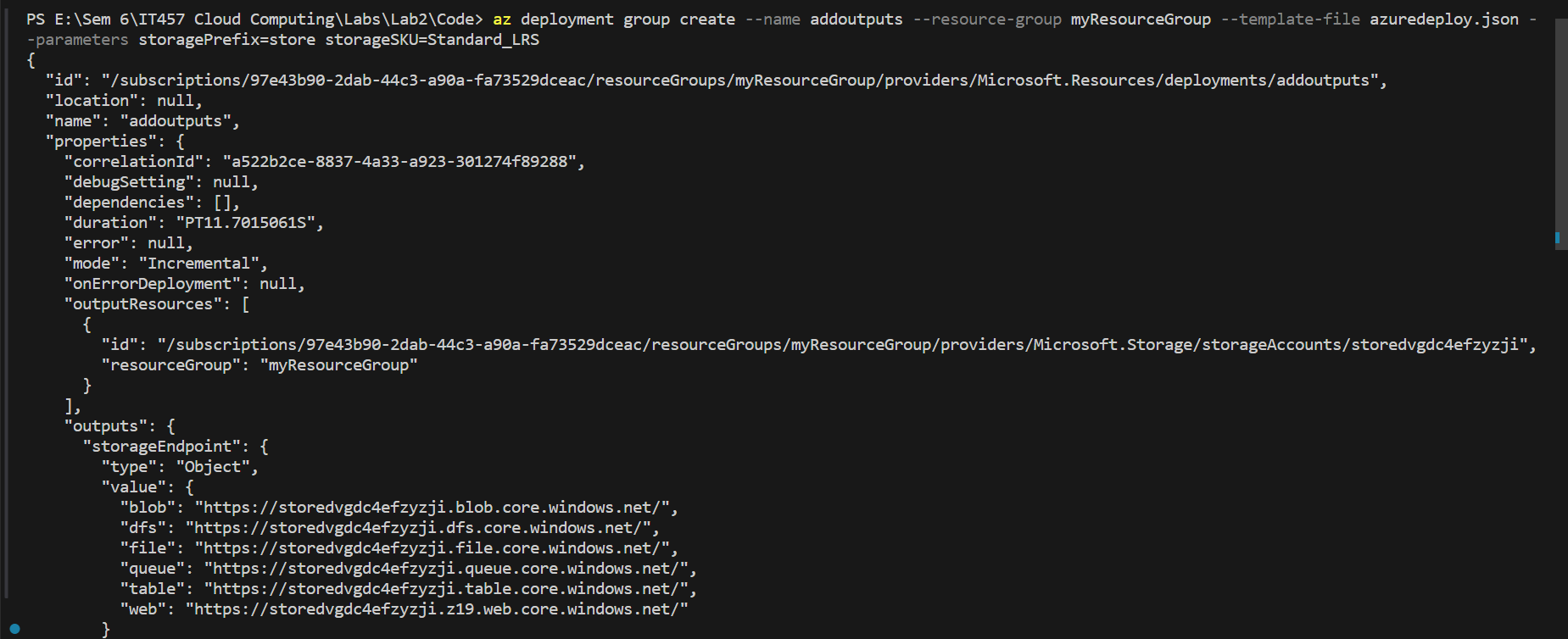


Result:

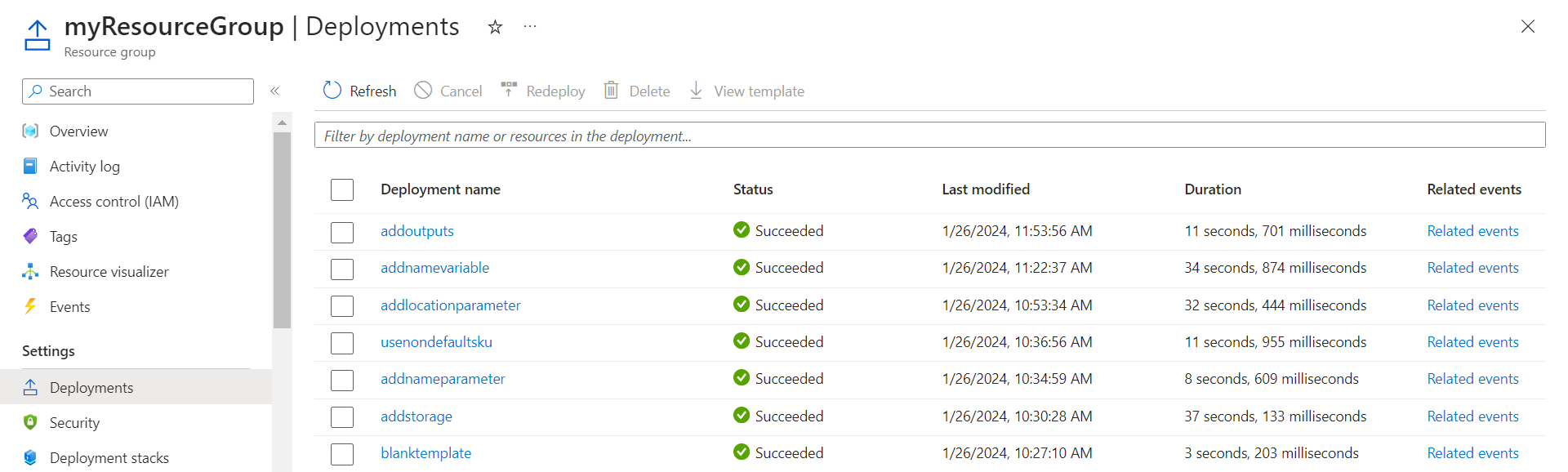


f. Adding outputs

Deployment:



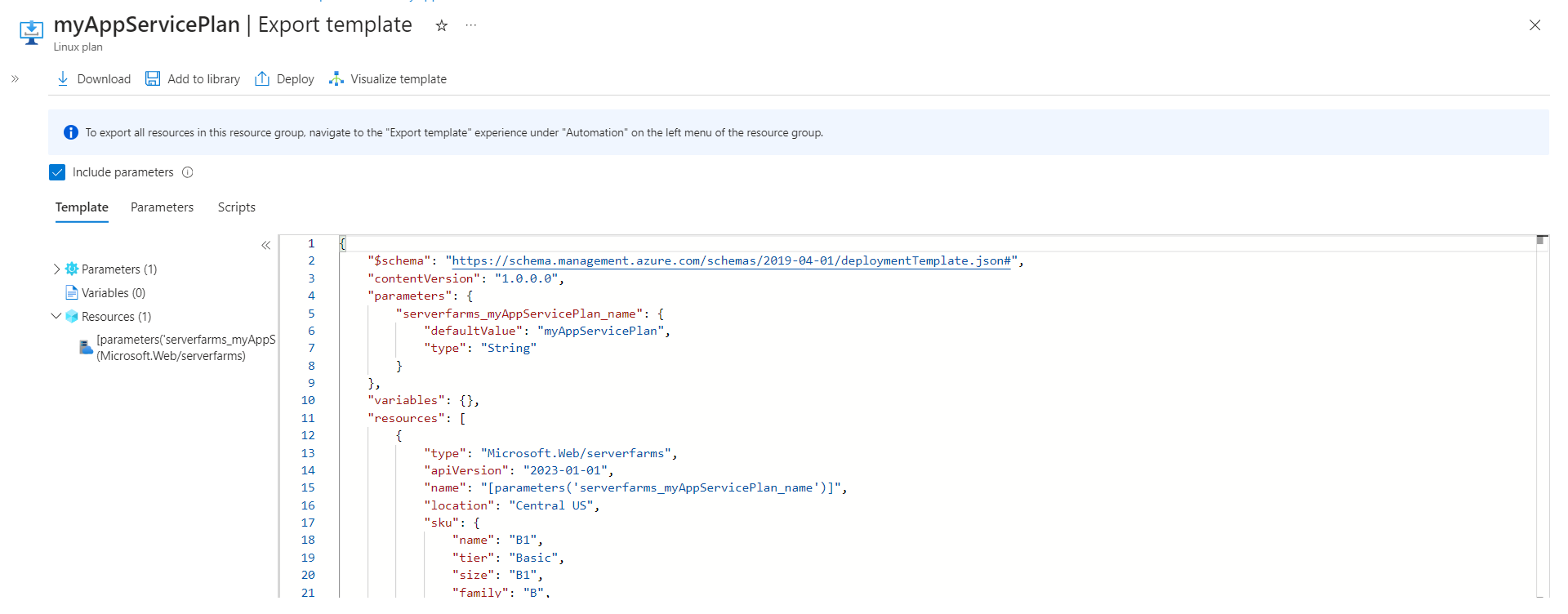
Result:



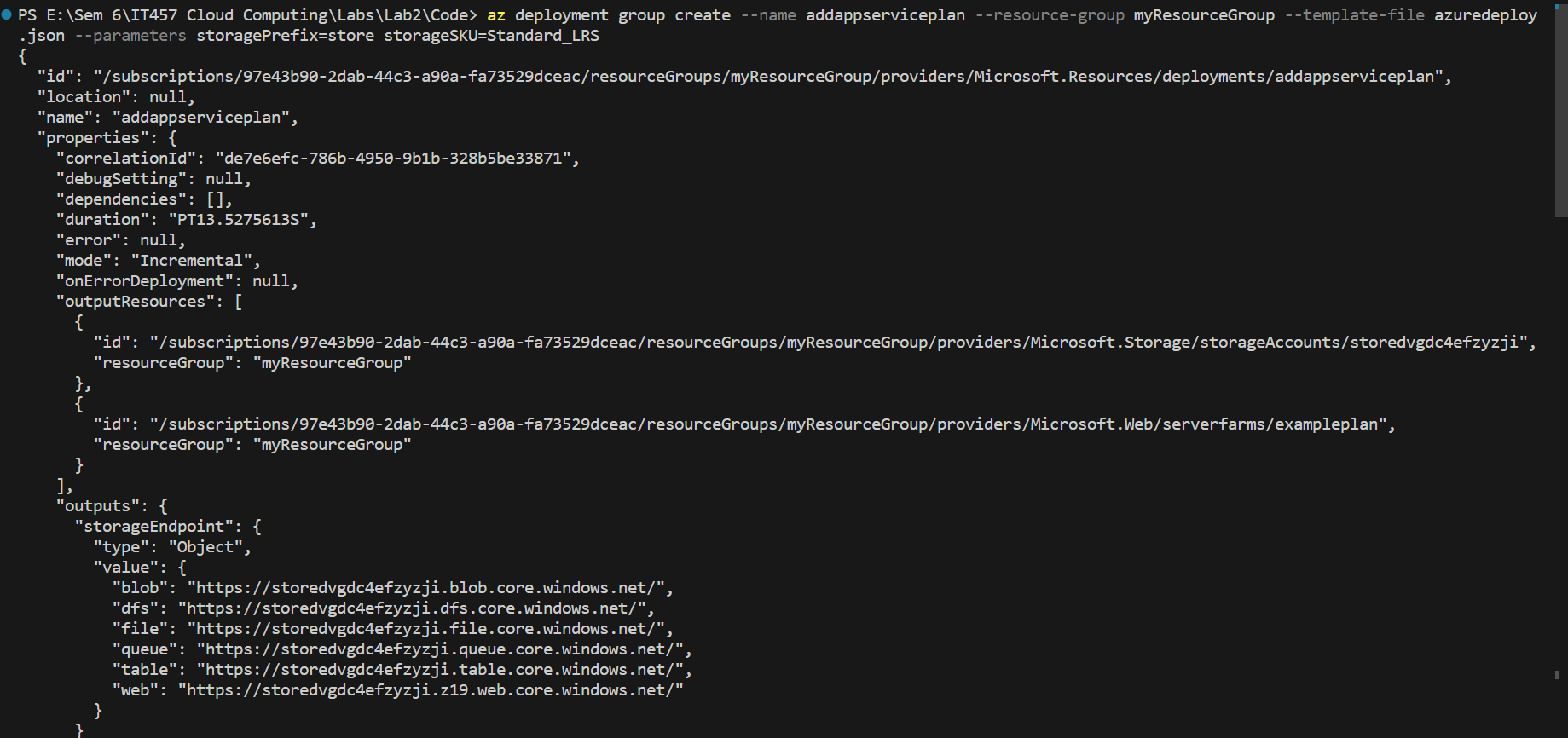


g. Using exported template

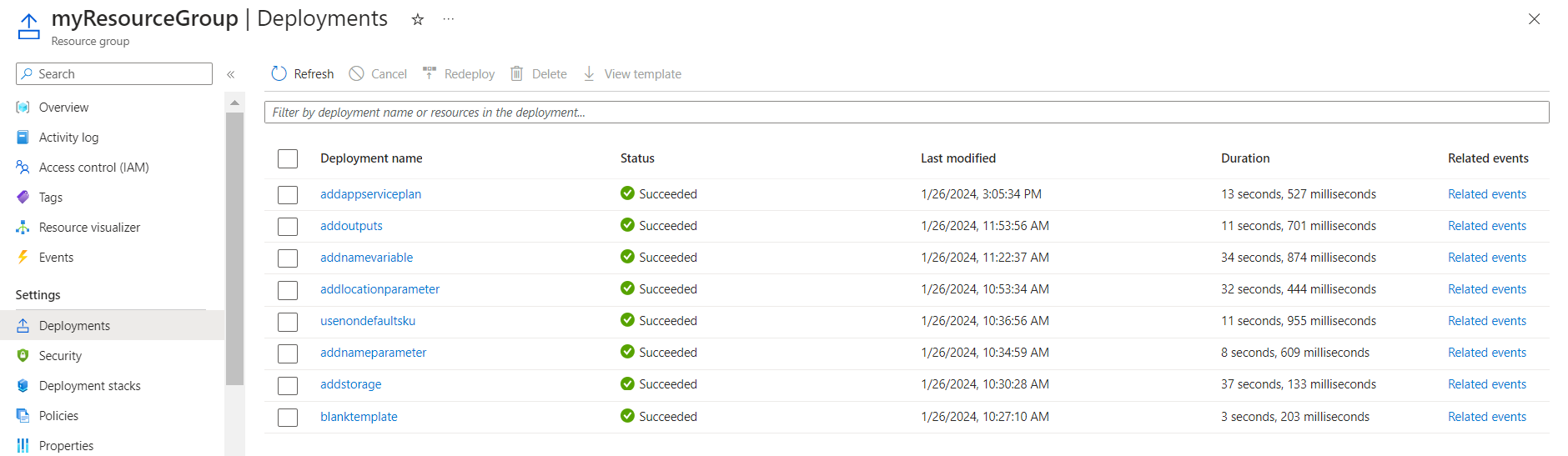
Exporting template:

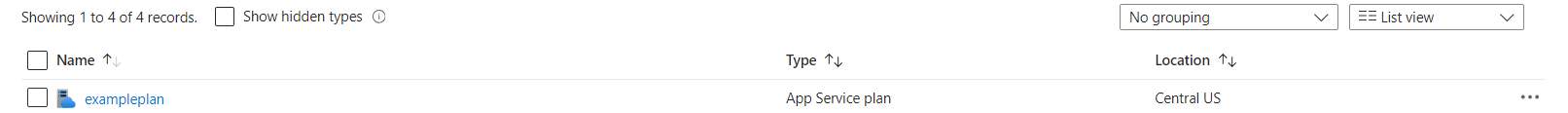


Deployment of revised exported template:



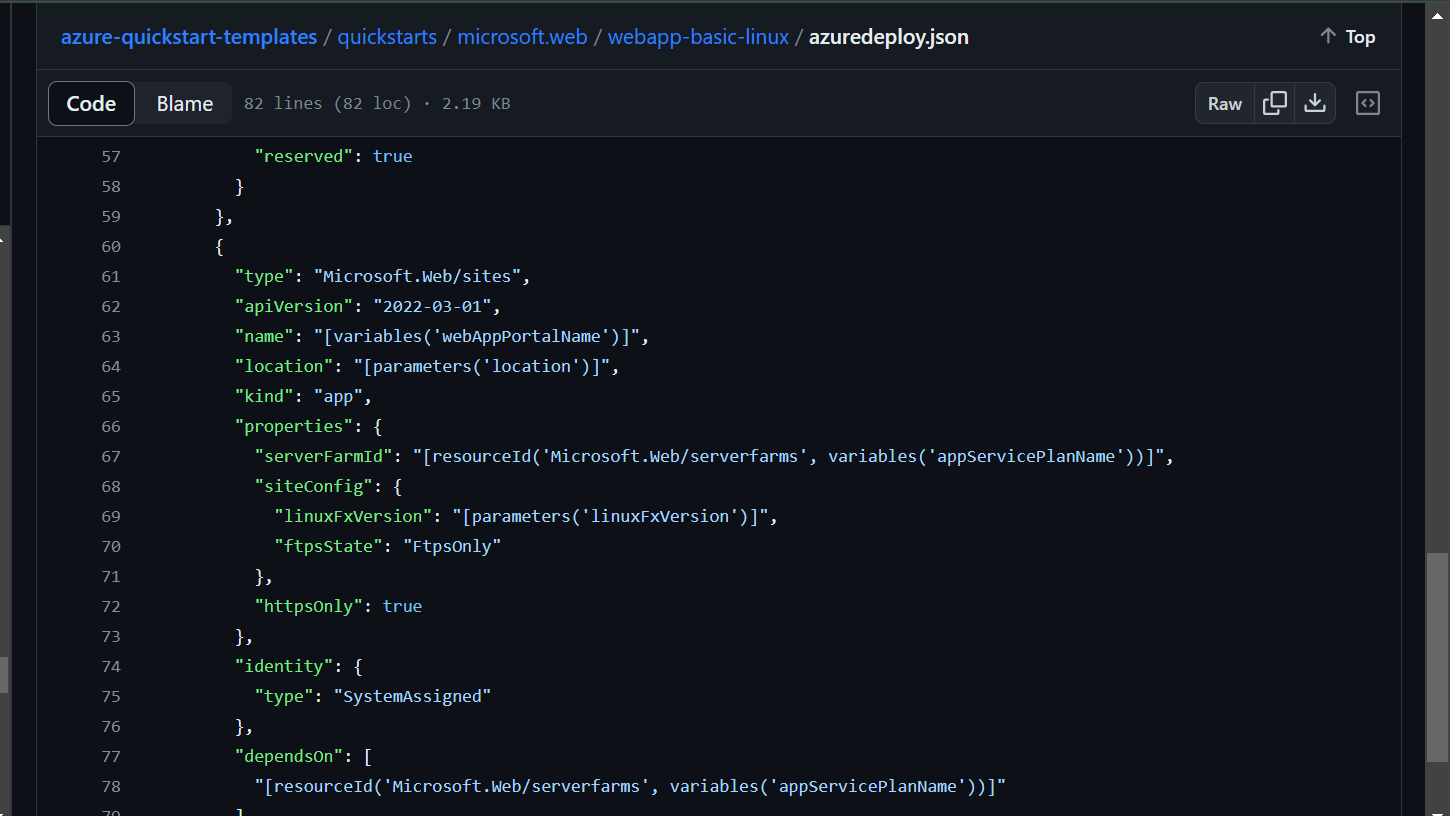
Result:



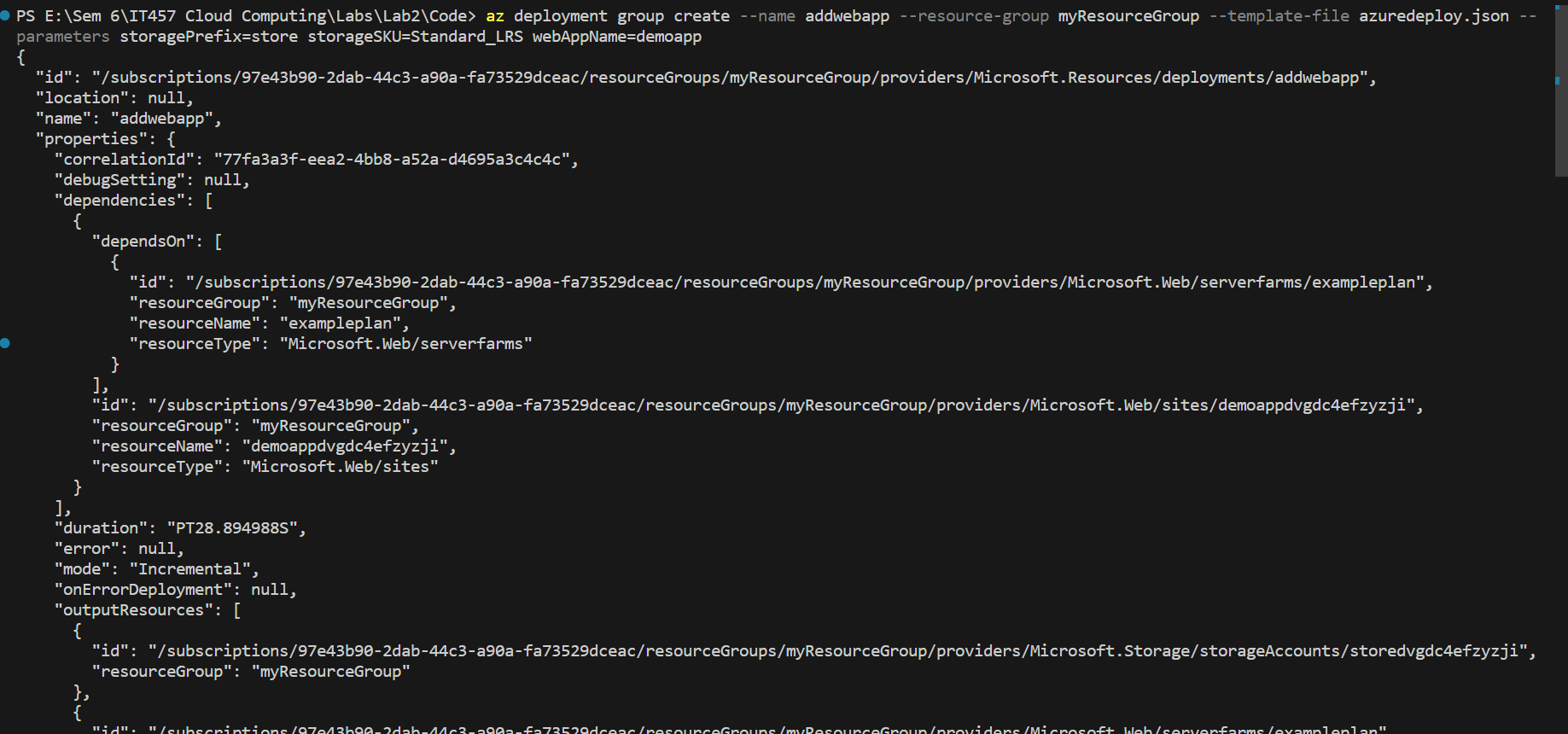


h. Using QuickStart template

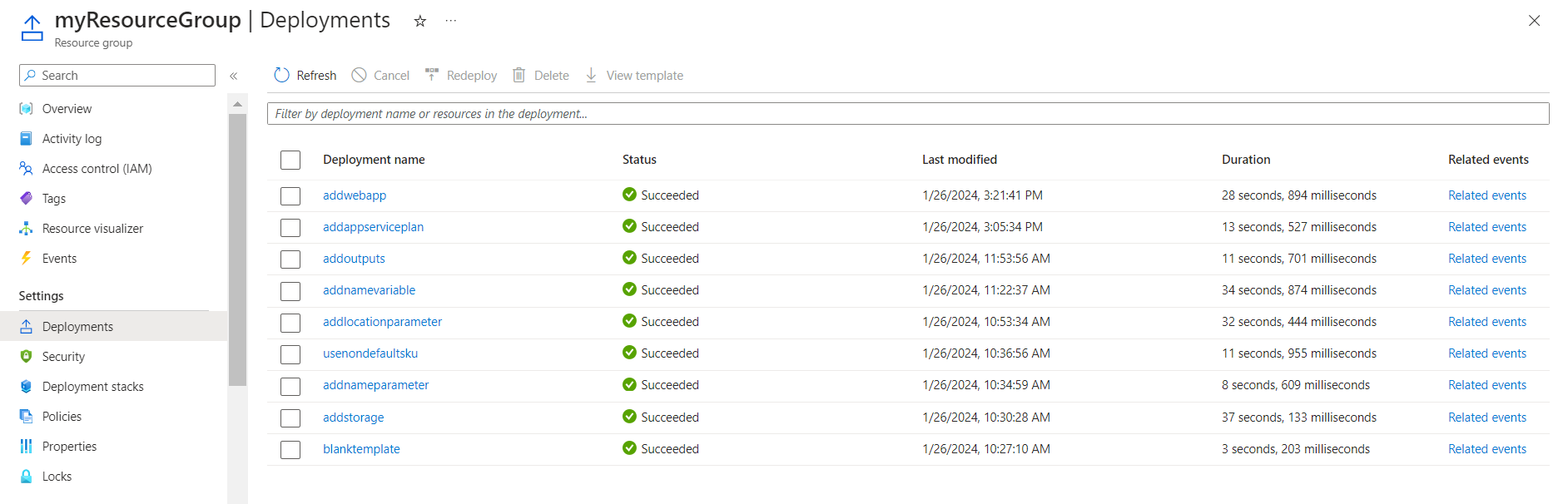
QuickStart template:

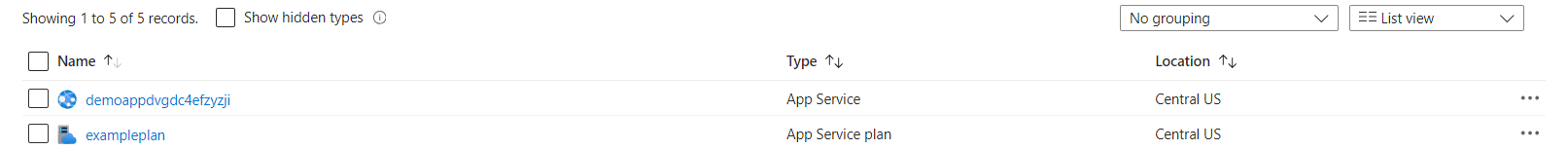


Deployment:



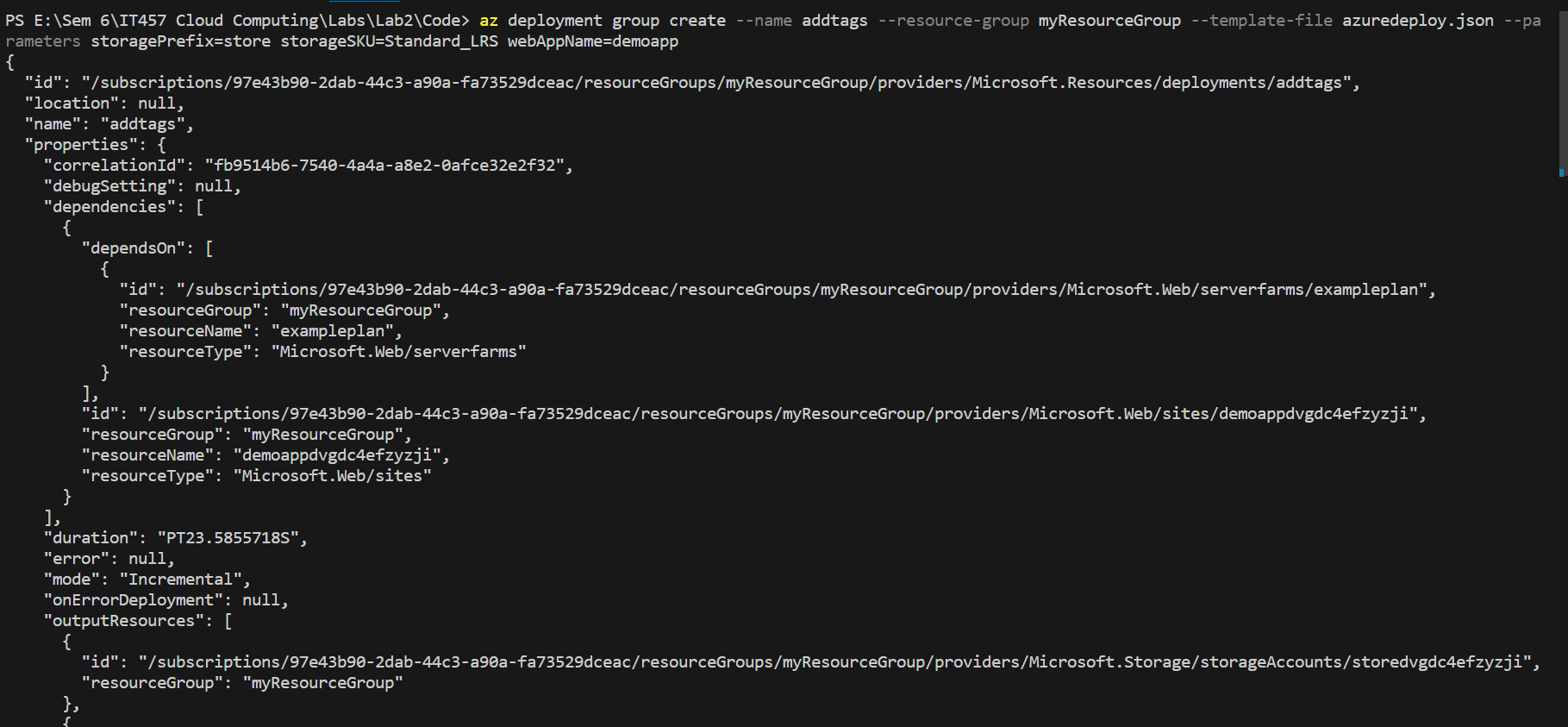
Result:



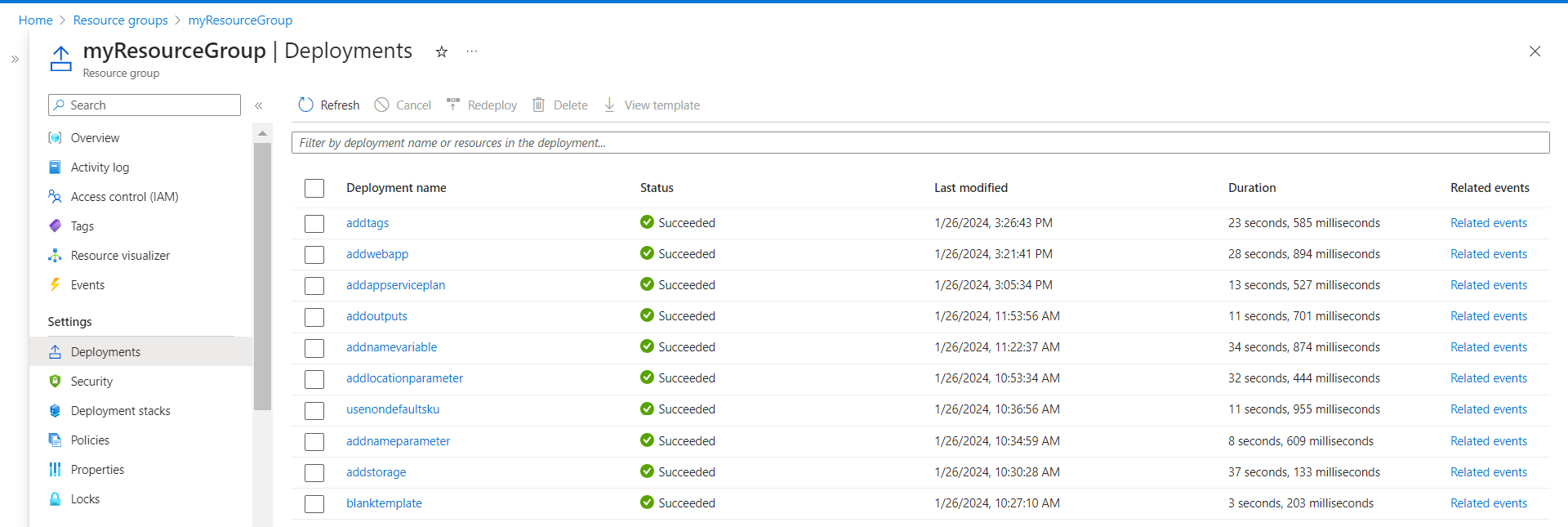


i. Adding Tags

Deployment:

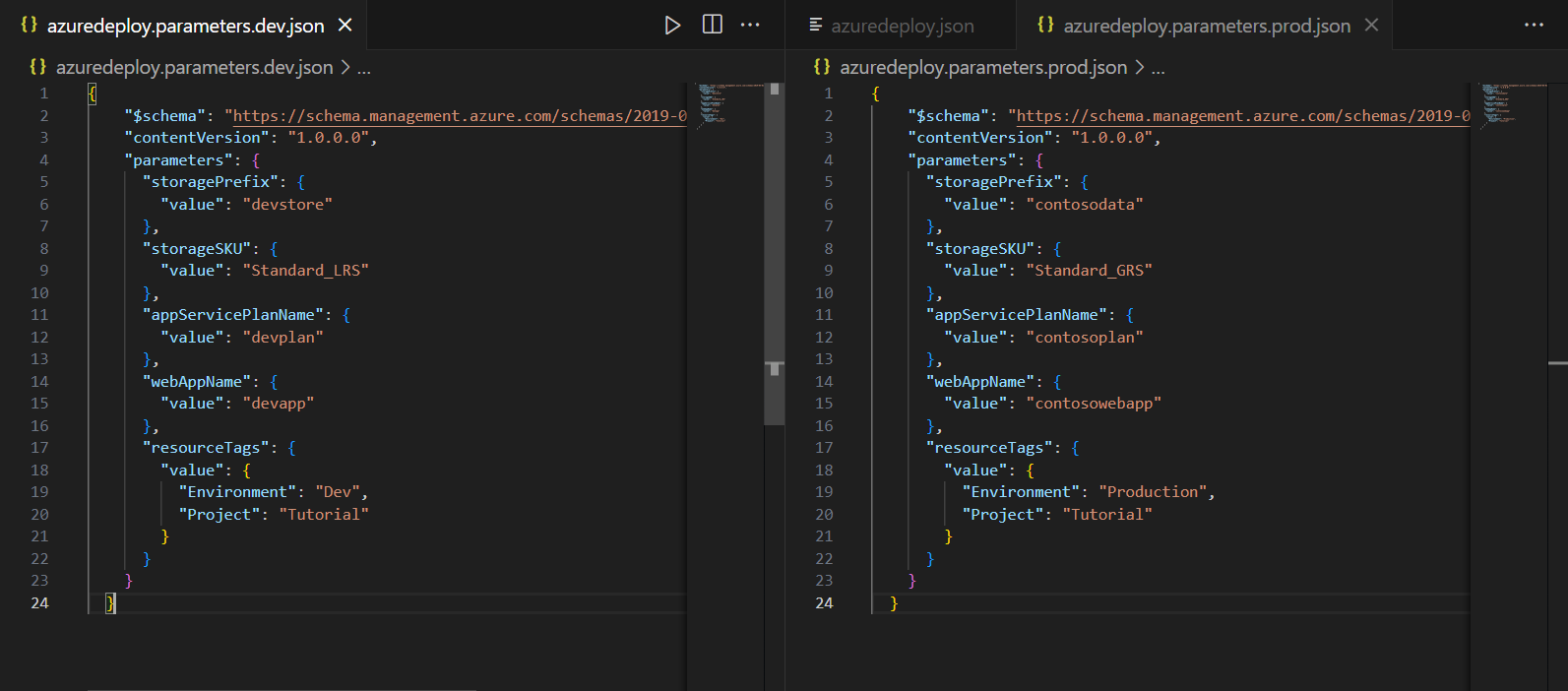


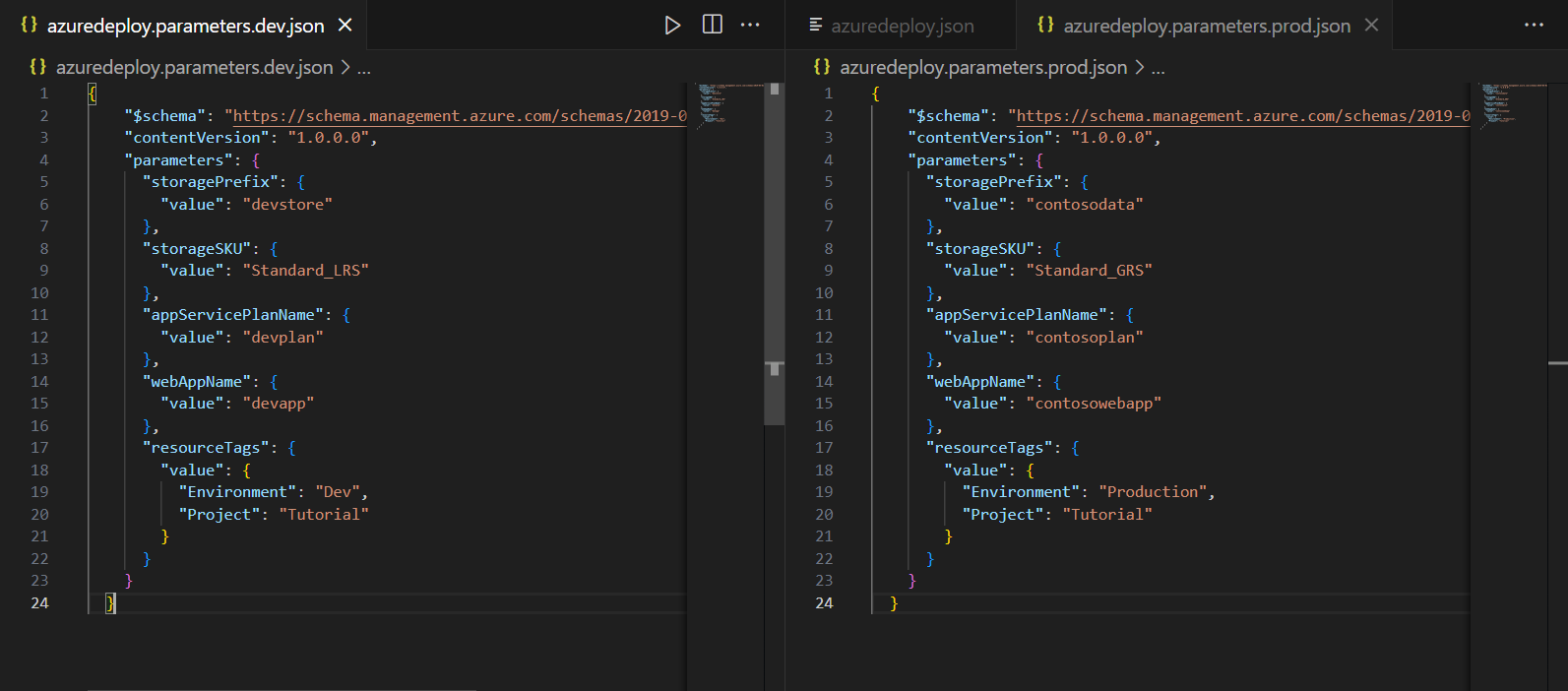
Result:



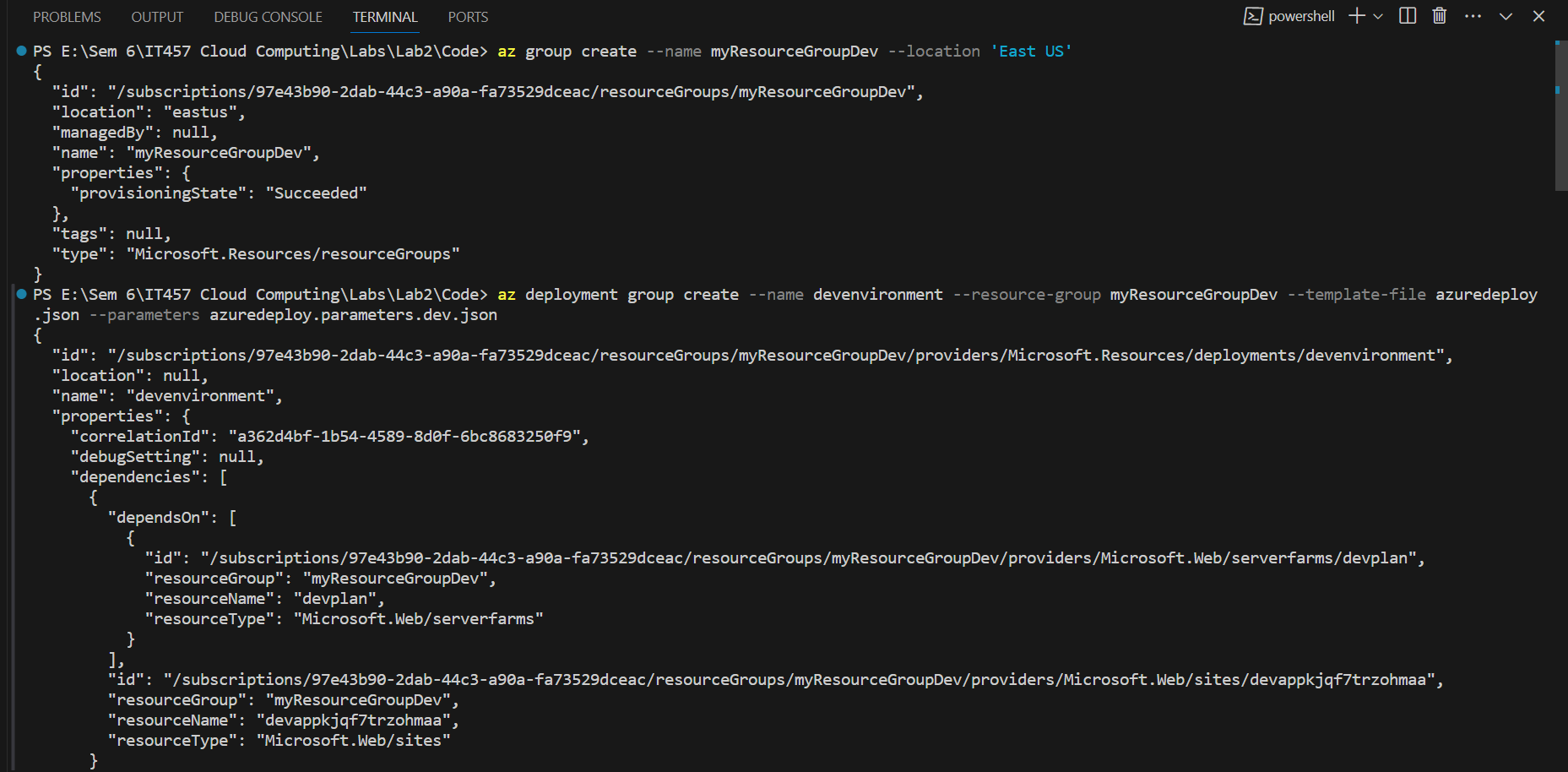
j. Using parameter files

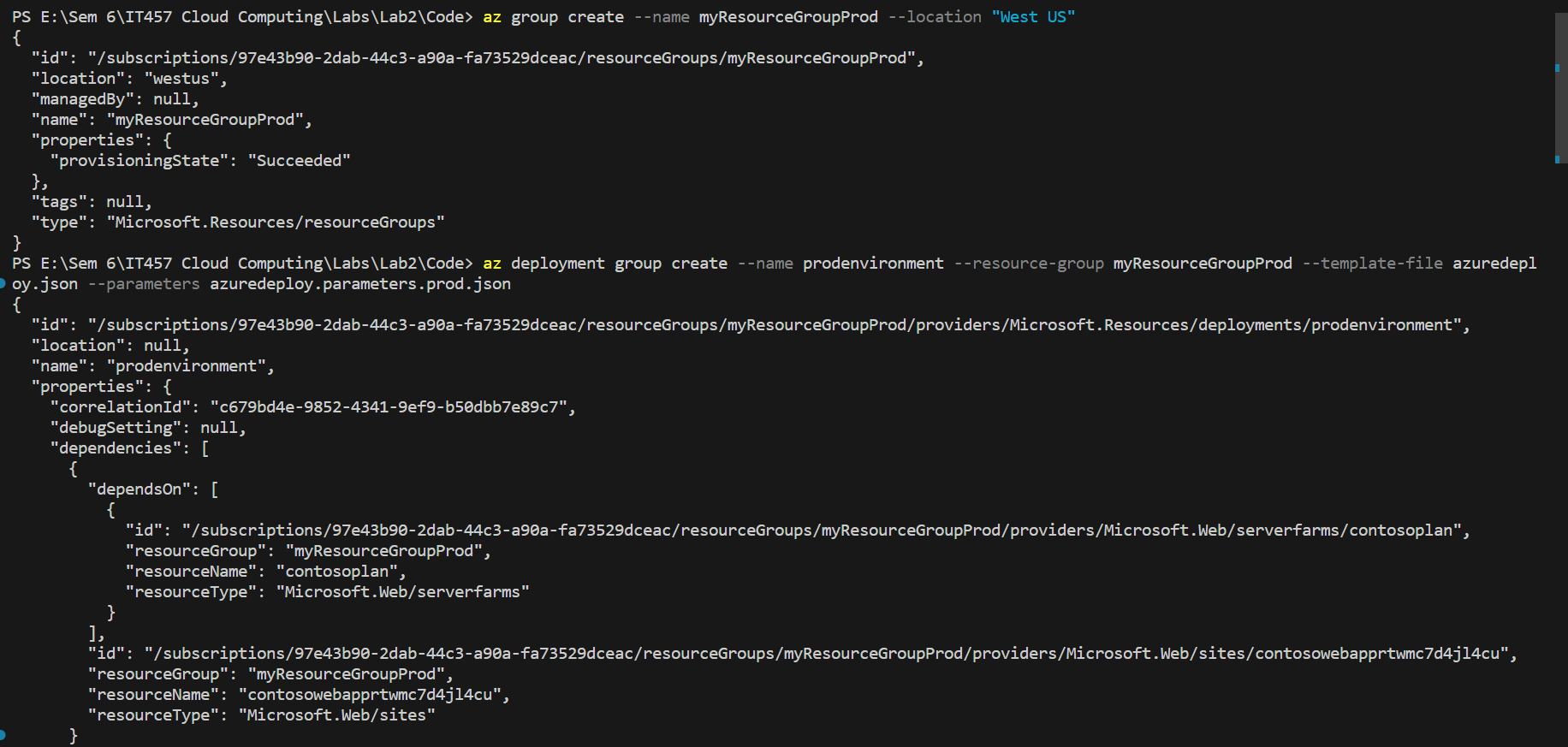
Parameter files:



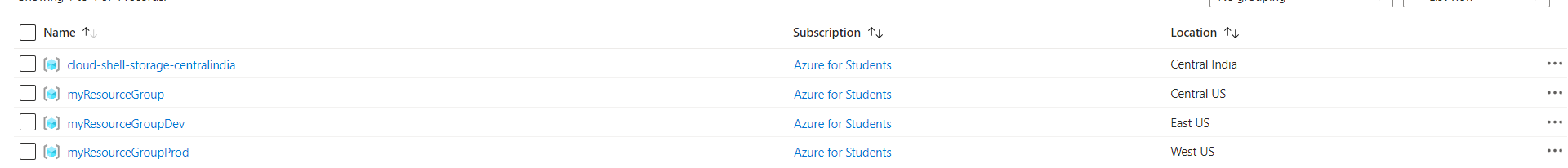


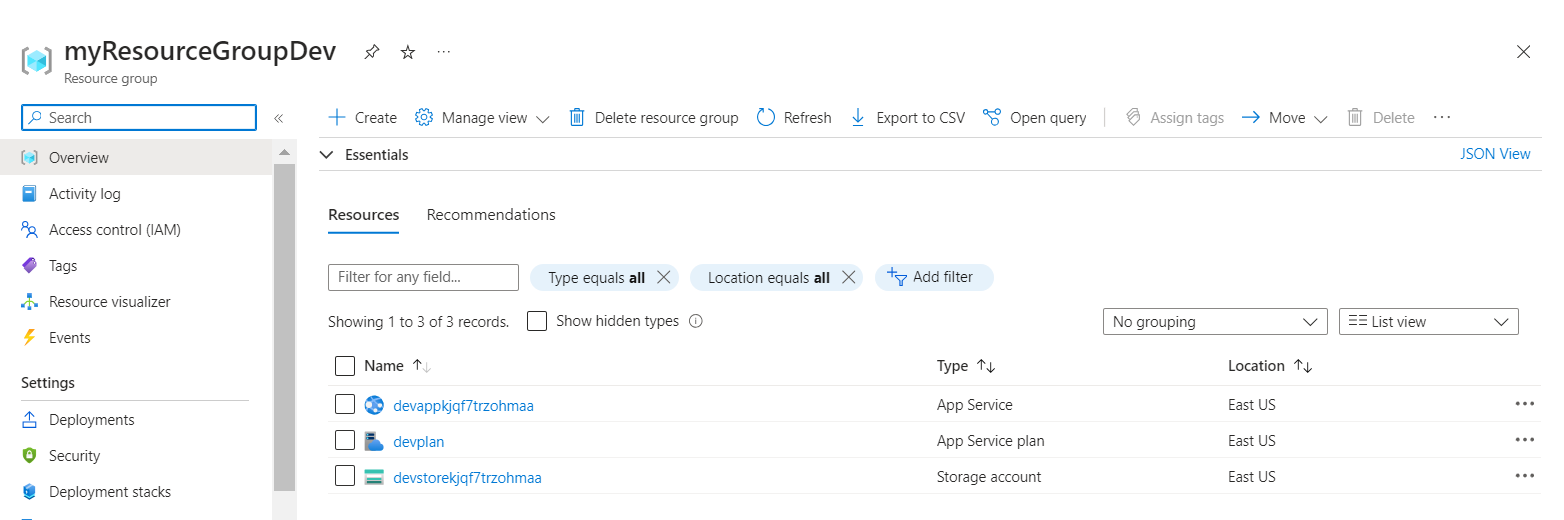
Deployment:

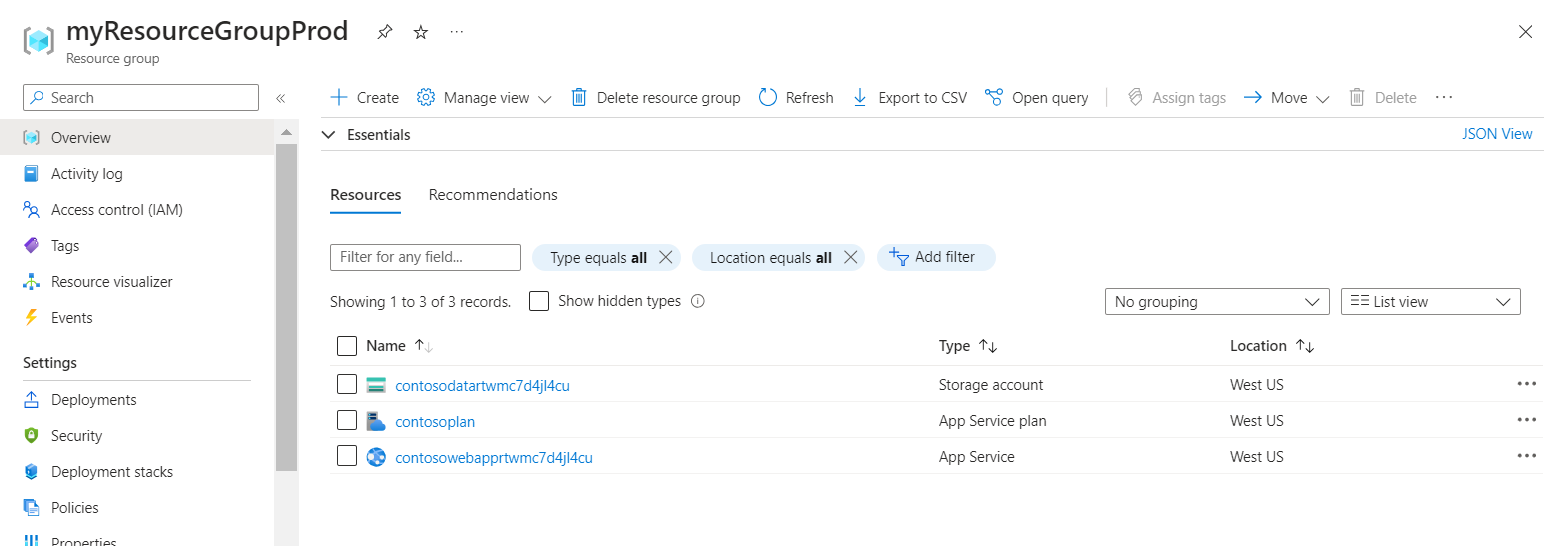




Result:



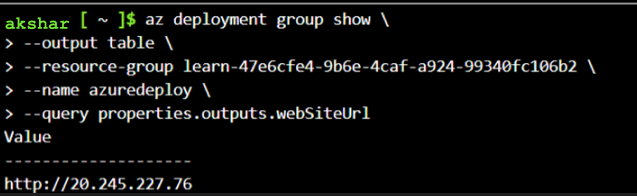




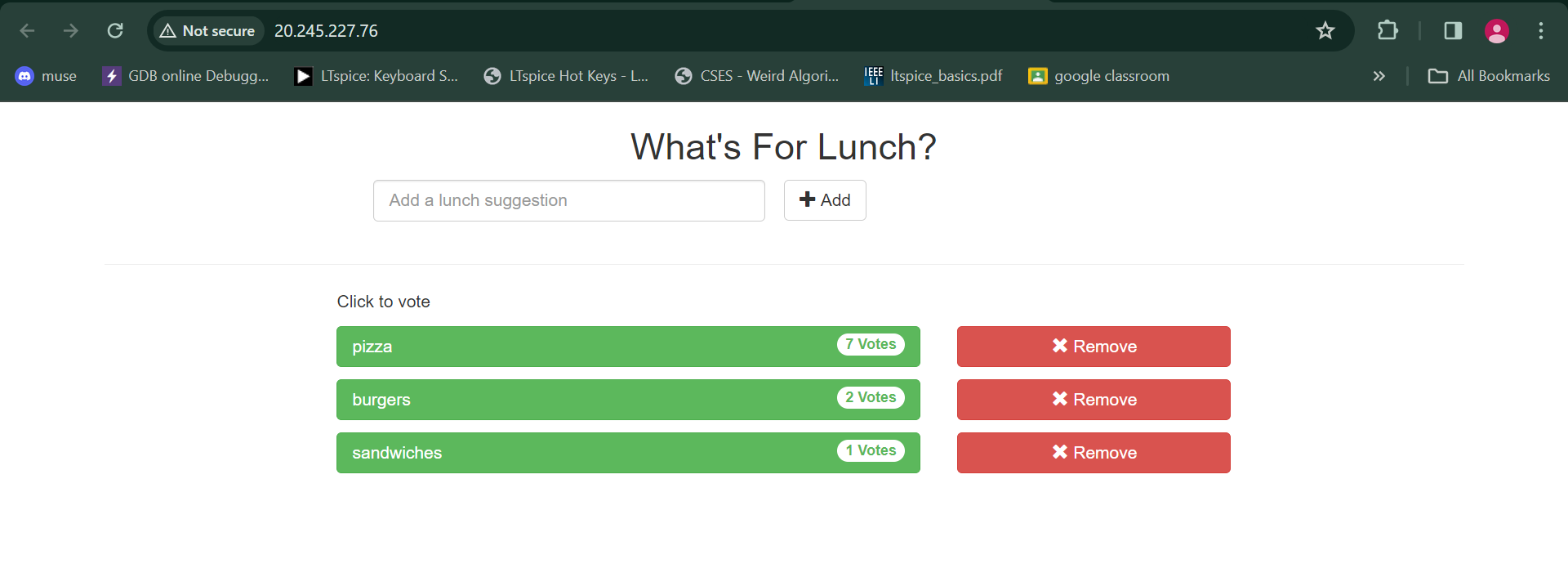
3. N-tier architecture: -

Deployment:

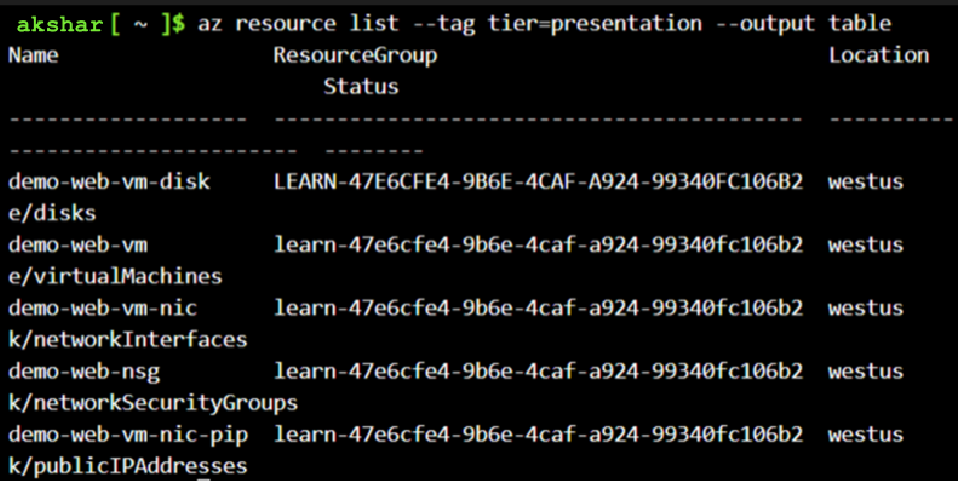




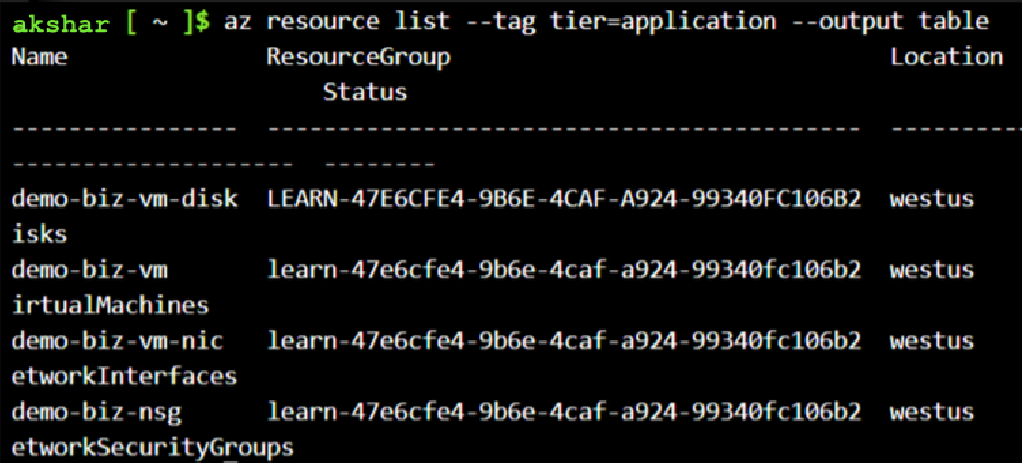
Result:



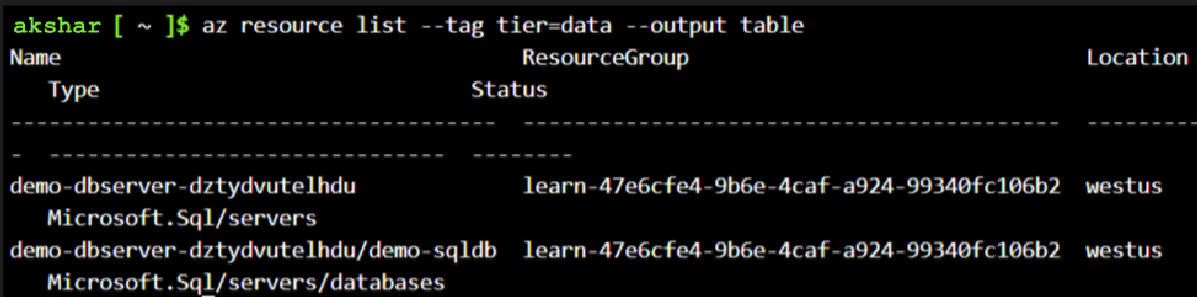
1. Presentation Tier



1. Application Tier

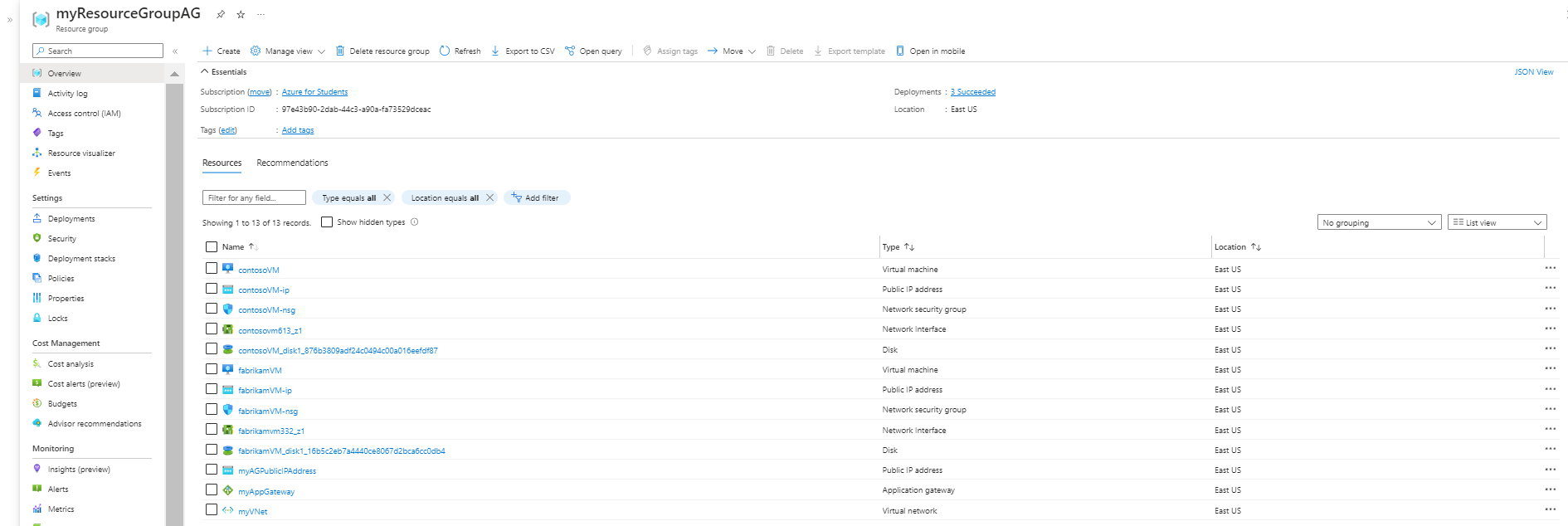


1. Data Tier

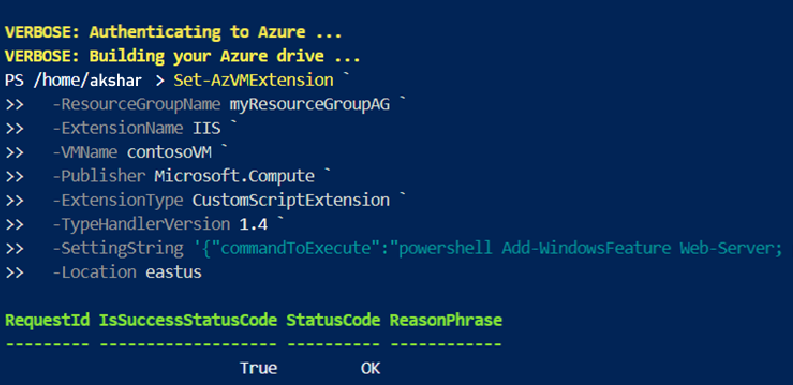


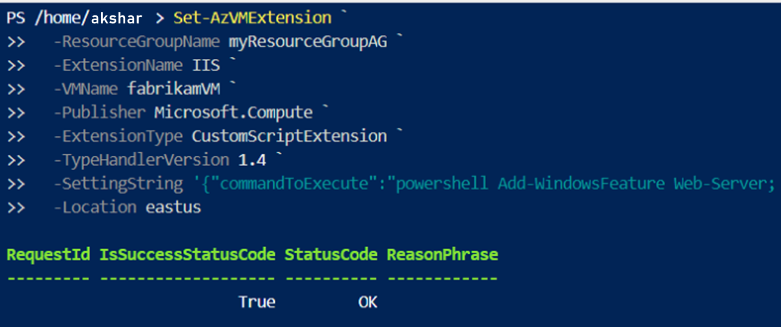
4. Application Gateway Tutorial: -

Resources created:



IIS installation:





IP Address: 20.127.93.242

Result:

