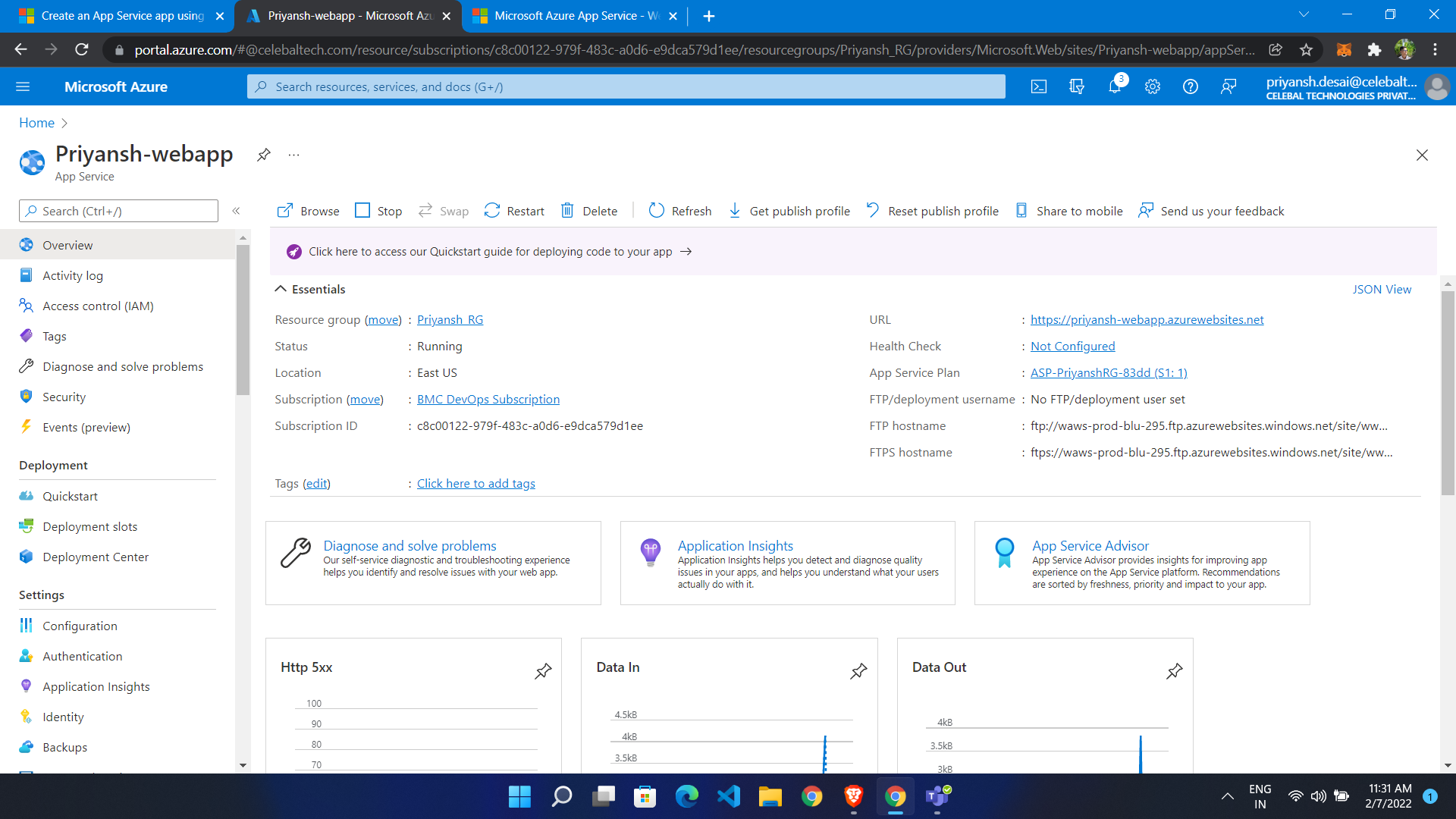
**APP Service auto scale through Arm Template**

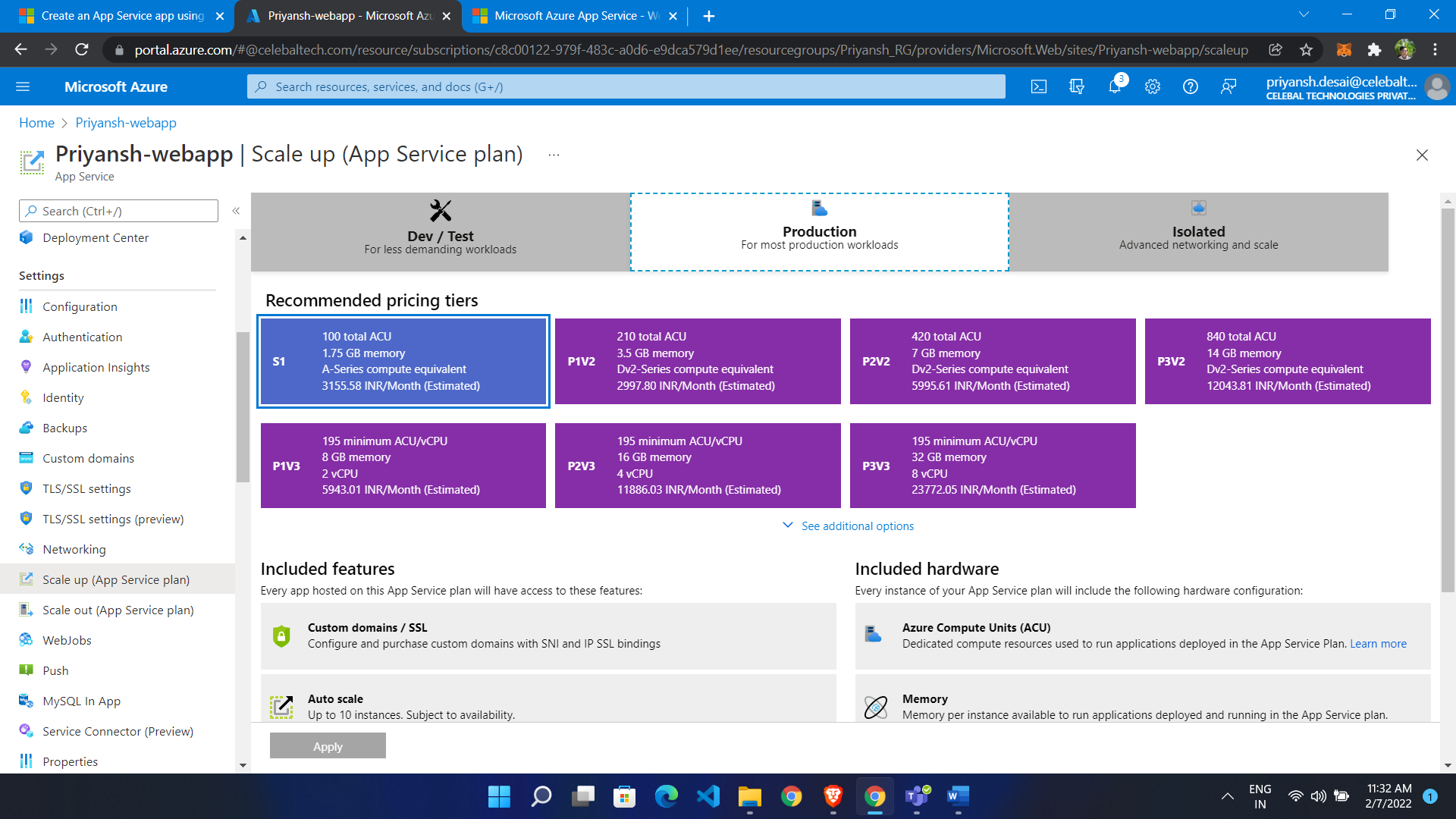
First Through Azure portal

* We create one webapp of basic free plan

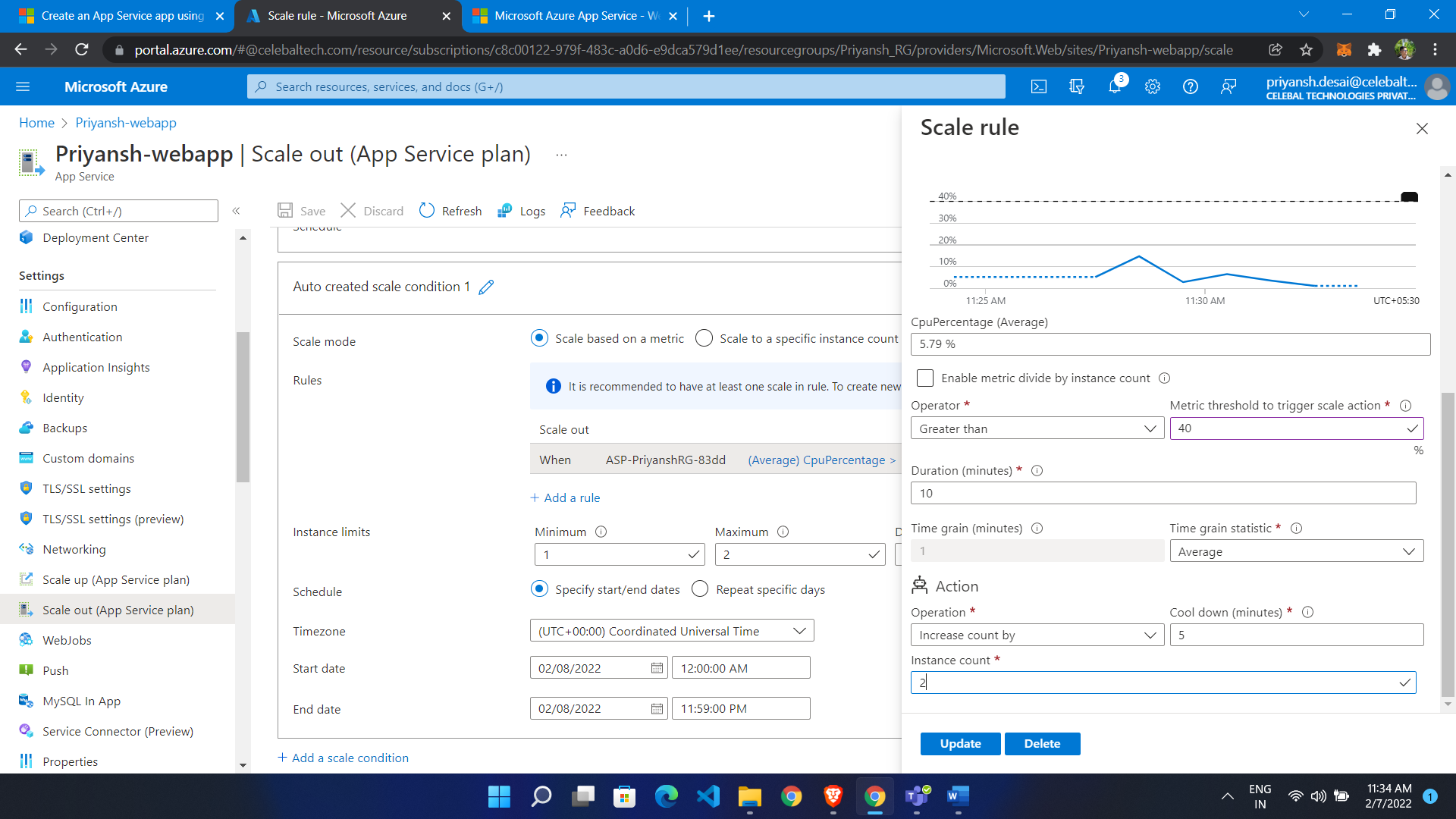


Now for auto scaling

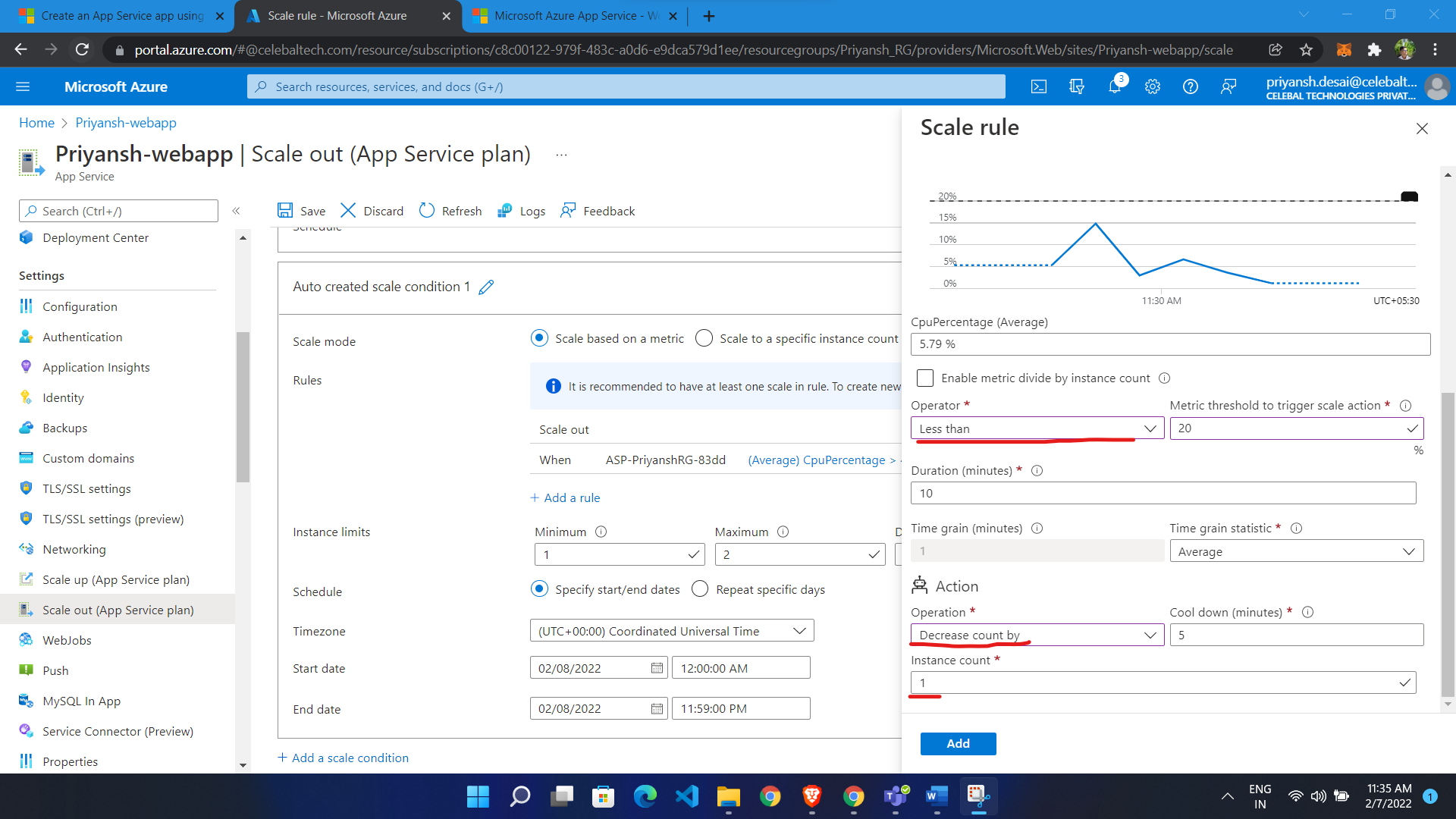
* Select scale up from left side
* Select appropriate plan which support auto scaling

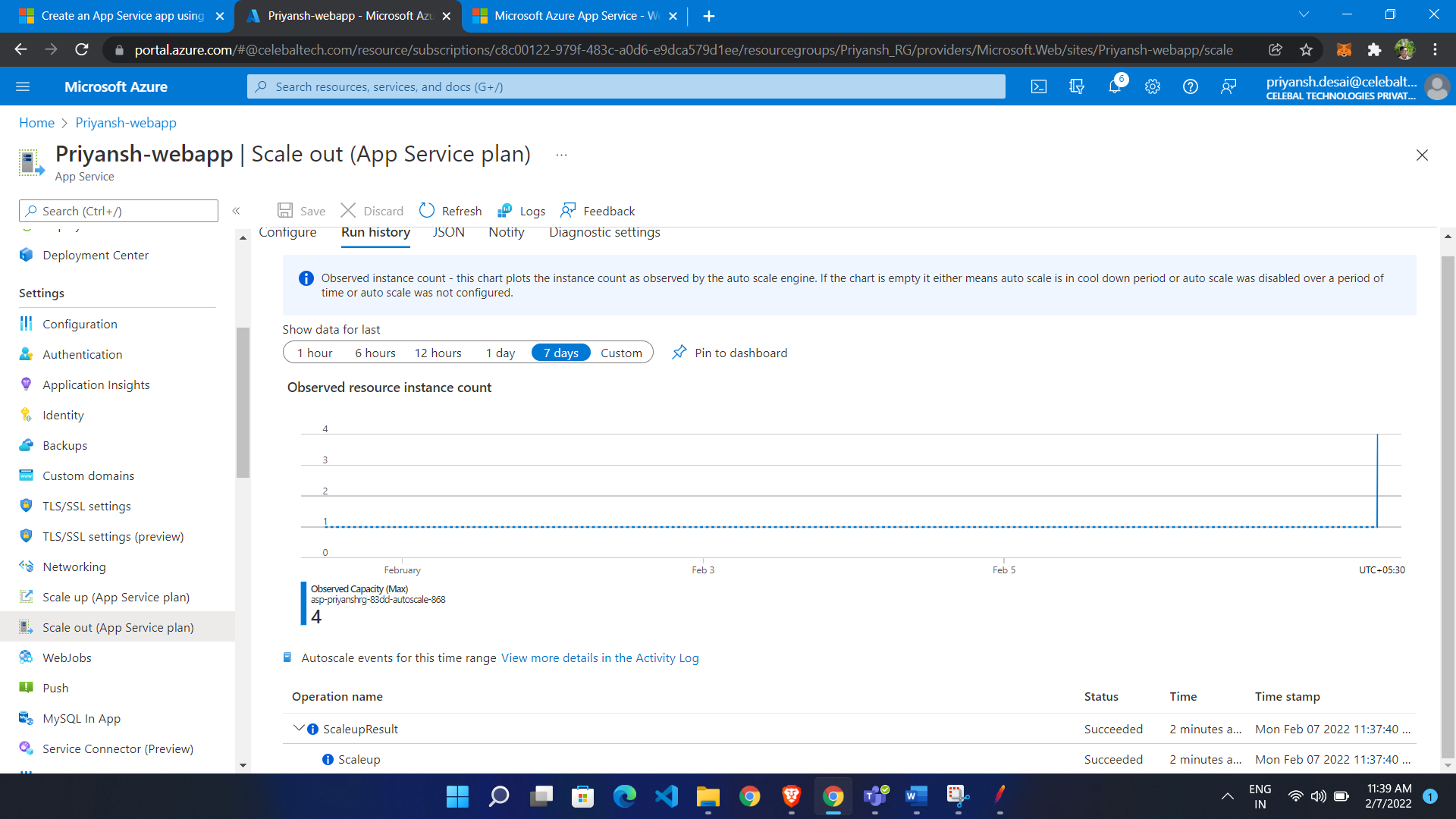


* Add rule for scaling
* Go to scale out
* Add rule
* Cpu % greater than 40 increase instance count



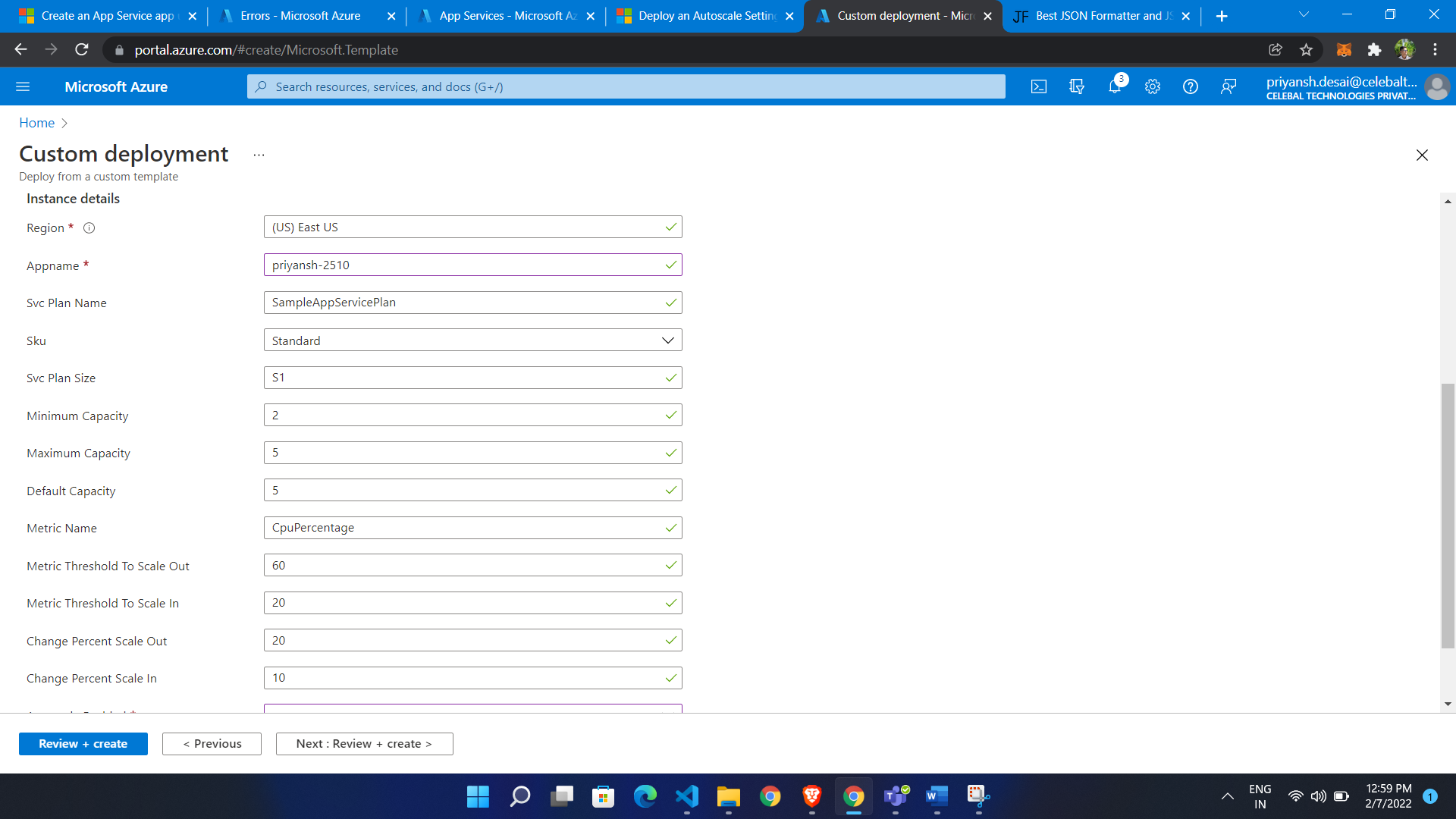
Also setup when load decrease



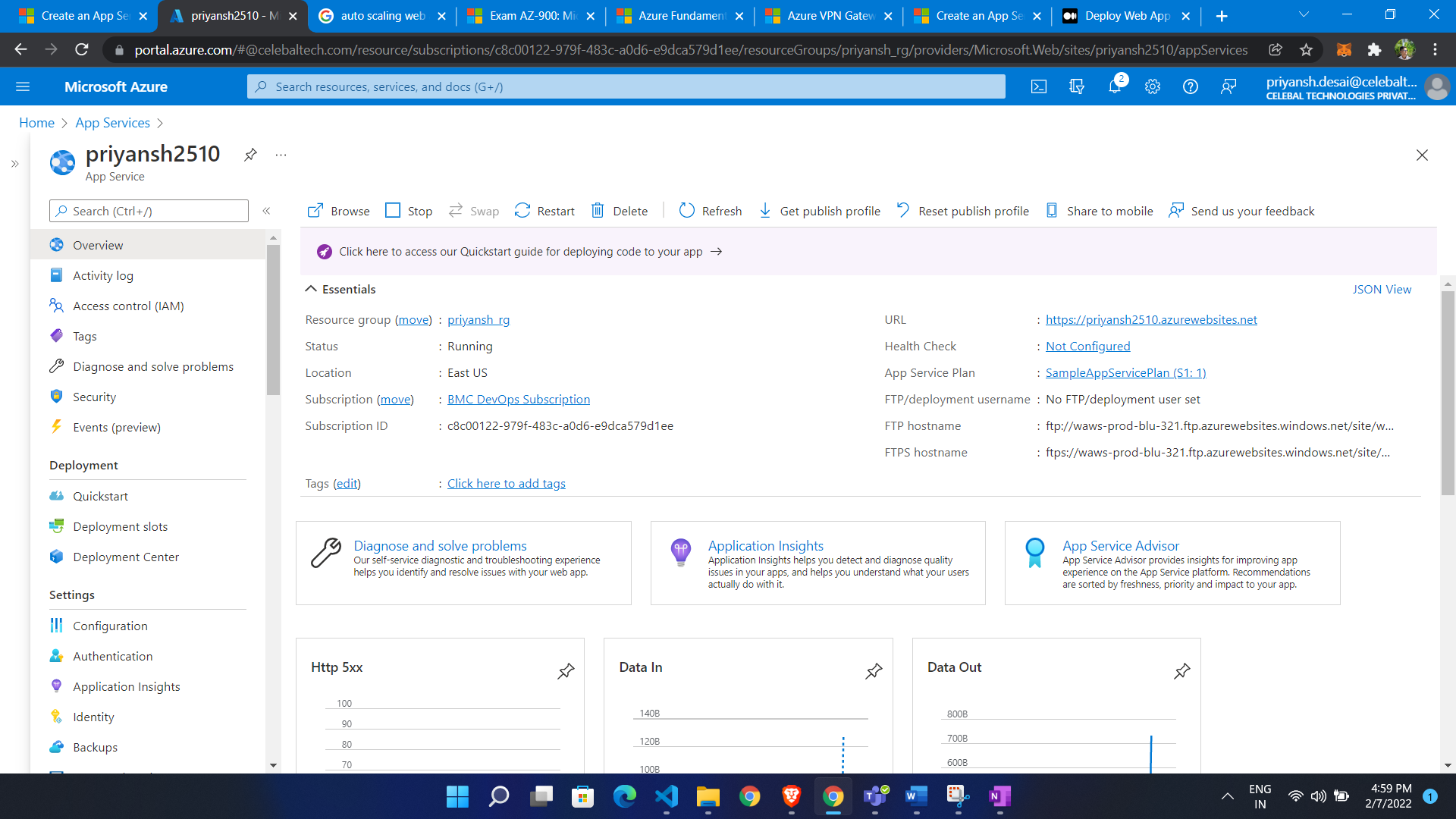


Code:

|  |
| --- |
| {    "$schema": "https://schema.management.azure.com/schemas/2019-04-01/deploymentTemplate.json#",    "contentVersion": "1.0.0.0",    "parameters": {  //app service plan name      "svcPlanName": {        "type": "string",        "defaultValue": "SampleAppServicePlan"      },      //SKU      "sku": {        "type": "string",        "defaultValue": "Standard",        "allowedValues": [          "Standard",          "Premium"        ]        },      //plan      "svcPlanSize": {        "defaultValue": "S1",        "type": "string"      },      "appname": {              "type": "string"          },      //min capacity = instance is at least this value      "minimumCapacity": {        "type": "Int",        "defaultValue": 2      },      //max value-not grater than this      "maximumCapacity": {        "type": "Int",        "defaultValue": 5      },      //deafult vaalue      "defaultCapacity": {        "type": "Int",        "defaultValue": 5      },      "metricName": {        "type": "string",        "defaultValue": "CpuPercentage"      },  //value upper than this      "metricThresholdToScaleOut": {        "type": "Int",        "defaultValue": 60      },  //lower than this      "metricThresholdToScaleIn": {        "type": "Int",        "defaultValue": 20      },      "changePercentScaleOut": {        "type": "Int",        "defaultValue": 20      },      "changePercentScaleIn": {        "type": "Int",        "defaultValue": 10      },      "autoscaleEnabled": {        "type": "Bool"      },        "location": {        "type": "string",        "defaultValue": "[resourceGroup().location]"      }    },    "variables": {      "settingName": "[concat(toLower(parameters('svcPlanName')), '-setting')]",      "targetResourceId": "[resourceId('Microsoft.Web/serverFarms/', parameters('svcPlanName'))]",        "uniqueappname":"[concat(parameters('appname'),uniqueString(resourceGroup().id))]"    },    "resources": [      {        "type": "Microsoft.Web/serverfarms",        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"enabled": "[parameters('autoscaleEnabled')]",          "targetResourceUri": "[variables('targetResourceId')]"        }      }    ],    "outputs": {    }  } |



Web app deploy



In scale out we find that our rule is also applied here

