# Checklist for Publishing Accelerator as Azure Foundry Template

Some useful information

* AI App Gallery team pushes new templates every Wednesday
* One of the key requirements for App Gallery is flawless execution of AZD pipeline if any Issues found by AI App Gallery team there would be a delay of one week
* So before submitting any new GSA to AI app gallery team make sure AZD pipeline is executing perfectly

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| **S.No** | **Area** | **Checklist Item** | **Priority** | **Remarks** |
| 1 | Deployment | Should support the following deployments   1. Deploy using GitHub Codespaces 2. Deploy via Visual Studio code (Dev Container) 3. Deploy in local environment 4. Deploy with Bicep/ARM template | 1-High |  |
| 2 | Deployment | Have quota\_check script in the Repo with its corresponding documentation | 1-High | Look for KM Generic for reference (This is important as this is one of the biggest reason for deployment failures) |
| 2 | Deployment | Use AI Foundry for model deployment | 1-High | Look at KM Generic for reference |
| 3 | Deployment | Deployment time should be reasonable (under 10 mins) | 1-High |  |
| 4 | Deployment | * The deployment options via azd should be configurable. * Redeployment behavior (in case of deployment failures etc) * Steps should be clearly documented and supported. | 1-High | Look at KM Generic for reference |
| 5 | Documentation | All the important Pre-reqs, common Gotchas should be clearly documented in Readme | 1-High | Look at KM Generic for reference |
| 6 | Documentation | Readme should contain the post deployment checks (golden path questions) to validate app after deployment  Rule of thumb: If the Readme gets too verbose create a sub readme for documenting the golden path | 1-High | Look at KM Generic for reference |
| 7 | Deployment | Deployment should not be creating un-necessary resources (In KM generic we were creating 2 storage account which we needed to merge into one) | 1-High | Look at KM Generic for reference |
| 8 | Deployment | App Deployment should be supported in an optimum (least costly) hosting plan. | 1-High |  |
| 9 | Deployment | Following are some checks that needs to be performed   * Key Vault should be able to purge it post deletion and no need to enable soft delete option, so there might be chances of deployment failures if we skip this. * Check for the input location from user rather than location taken by default resource group location (this is the case of re-deployment in case of any previous failures). This needs a code change. * Use AUTH\_ENABLED flag for Authentication (to by-pass Authentication) | 1-High | Look at KM Generic for reference |
| 10 | Deployment | Move out any deployment scripts if any to post deployment step | 1-High | Look at Doc Gen for reference |
| 11 | Deployment | Should be using log analytics workspace instead of traditional app insights | 1-High | Look at KM Generic for reference |
| 12 | Deployment | For following common Resource following are deployment requirements   1. Cosmos DB (local authentication disabled) 2. Storage Account (shared access key disabled) 3. Azure Container Registry (local admin disabled) | 1-High | Look for KM Generic for reference |
| 13 | App | Try to test in different tenants like FDPO, BAMI | 2-Medium |  |
| 14 | App | Should be SFI compliant with all the latest SFI policies | 2-Medium |  |
| 15 | Testing | Conduct an internal bug bash with Persistent team preferably 1 week before Foundry Bug Bash | 1-High |  |