Build 2025 – Prerequisites

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# Fabric Capacity

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| **Narrative** | **Screenshot** |
| This document is to showcase the instructions to run the scripts successfully and to run the prerequisites before you run the script.   * + - Single Tenant deployment.     - Pre-deployment resources:  1. Fabric capacity with F128 or above. 2. Fabric capacity needs to pre-assigned to users (AD users) before deployment. |  |
| **Fabric Admin Portal Enablement**   1. Should enable “**Create Workspace**” for entire organization. |  |
| 1. Should enable “**Mirrored Azure Databricks Catalog**” for the entire Organization |  |
| 1. Should enable “**Users can use Copilot and other features powered by Azure OpenAI**” for the entire organization. 2. Should enabled “**Use Semantic models across workspaces**” for the entire organization. |  |
| 1. Enable “**User can create and share AI Skill item types**” for the entire organization. |  |
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# Available Quota for Azure Resources

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| **Narrative** | **Screenshot** |
| Check Available Quota for Following Resources as we need to deploy 160 instances.   1. Azure App service Plan (S1/S2) 2. Azure OpenAI for GPT4 and GPT4o 3. Azure OpenAI Service: Request for Quota Increase: <https://customervoice.microsoft.com/Pages/ResponsePage.aspx?id=v4j5cvGGr0GRqy180BHbR4xPXO648sJKt4GoXAed-0pUMFE1Rk9CU084RjA0TUlVSUlMWEQzVkJDNCQlQCN0PWcu>   These resources will be deployed in various regions relatively closer to Chicago. |  |

# Azure AI

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| **Narrative** | **Screenshot** | |
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| 1. Should have onboarded GPT4 / GPT4o   GPT-4 with model version 0613, Available regions for standard deployment model:   * Australia East * **Canada East** * France Central * Swedencentral * Switzerlandnorth   GPT-4o with model version 2024-05-13 Available regions for standard deployment model:   * **East US** * East US 2 * Northcentral US * South Central * SwedenCentral * West US * West US 3   For more information, please refer to the document: [https://learn.microsoft.com/en-us/azure/ai-services/openai/concepts/models?tabs=python-secure#standard-deployment-model-availability](https://learn.microsoft.com/en-us/azure/ai-services/openai/concepts/models?tabs=python-secure%23standard-deployment-model-availability) | |  | |
| 1. **AI Search service** is not supported in Canada east in US Regions.   For more information, please refer to the document:  <https://learn.microsoft.com/en-us/azure/search/search-region-support> | |  | |

# Azure Resource Providers

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| **Lab** | **Resource Providers** |
| **LAB364 Modernize your data estate MS Fabric, Azure Databricks and AI Foundry** | microsoft.databricks/workspaces |
| microsoft.cognitiveservices/accounts |
| microsoft.web/sites |
| microsoft.web/serverfarms |
| microsoft.containerregistry/registries |
| microsoft.documentdb/databaseaccounts |
| microsoft.eventhub/namespaces |
| microsoft.machinelearningservices/workspaces |
| microsoft.keyvault/vaults |
| microsoft.sql/servers |
| microsoft.sql/servers/databases |
| microsoft.search/searchservices |
| Microsoft.Fabric |