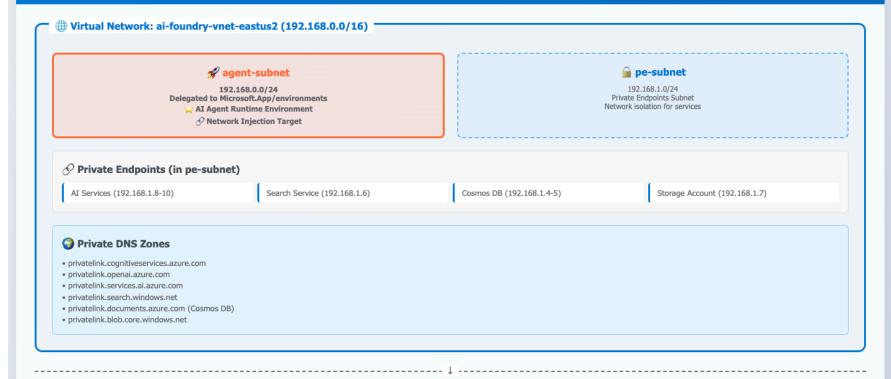
Taxare AI Foundry Architecture

Secure, Network-Isolated AI Services with Private Endpoints





Azure AI Services Hub

- **AI** Foundry Agent Service:
- Project: ai-foundry-project
- Wise Any Model: GPT-40, Llama, etc.
- Thread Orchestration & State Management
- Autonomous Tool Calling & Workflows
- · Enterprise Identity & RBAC Integration
- · Content Safety & Policy Enforcement
- Full Observability & Tracing
- **⊘** Connected Resources:
- · Vector Store: ai-search-service
- · Storage: aifoundrystorage
- Thread Storage: ai-cosmos-db
- · Network: Injected to agent-subnet



Azure AI Search

ai-search-service

Configuration:

- Standard SKU (1 replica, 1 partition)
- · Vector Store for RAG
- · System Assigned Identity
- AAD Authentication
- Public Network Access: Disabled
- · Semantic Search: Disabled



Azure Cosmos DB

ai-cosmos-db

Purpose:

- Thread Message Storage
- Agent Entity Store
- · Session Consistency
- Autoscale (100-1000 RU/s)
- SQL API with Role-Based Access
- Geo-redundant Backup



Azure Storage Account

aifoundrystorage

Services:

- Blob, File, Queue, Table Services
- · Zone-Redundant Storage (ZRS)
- · Agent Blob Store Containers
- TLS 1.2+ Only
- No Public Blob Access
- · Hot Access Tier

🜓 Enterprise-Grade AI Agent Platform: Azure AI Foundry Agent Service provides a production-ready foundation with composable agents that can use any model (GPT-40, Llama, etc.), autonomous tool calling, thread orchestration, and full lifecycle management. All services are network-isolated with private endpoints, enterprise identity integration, content safety enforcement, and comprehensive observability for reliable agent deployment.









AI/ML Services Search & Vector Store Database Services Storage Services Network Subnets Private Endpoints