



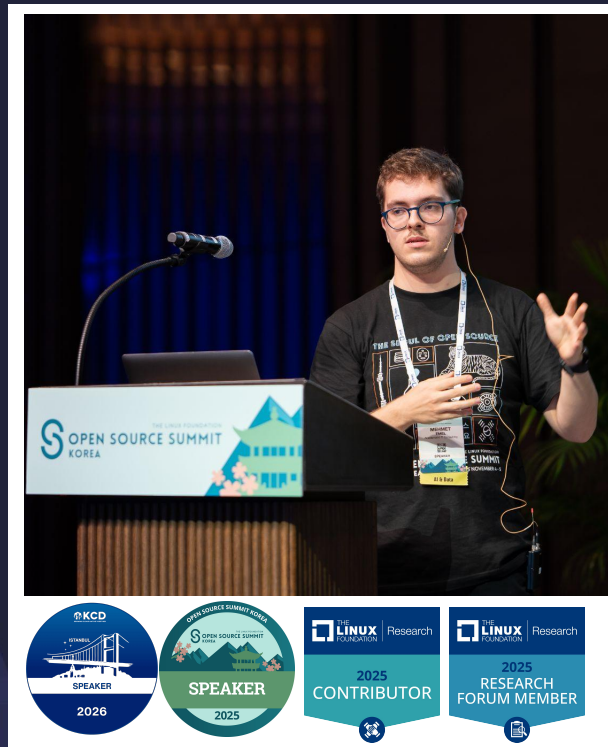
Agentic AI Foundation

AGNTCon + MCPCon Japan

Where the **agentic stack** is being built.

Building Secure & Discoverable Agent Infrastructure with agentgateway & agentregistry

Mehmet Hilmi Emel,
ACEDEMAND IT

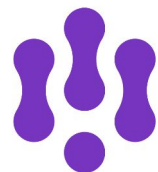


Two projects ...



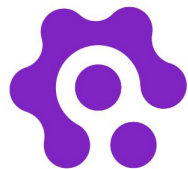
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agentgateway

<https://agentgateway.dev/>



agentregistry

<https://aregistry.ai/>

SOLO.IO

Open Source Summit Europe 2025



where the agentic stack is being built.

AAIF Projects

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AGENTS.md

AGENTS.md is a simple, open format for guiding coding agents.



goose

An open source, extensible AI agent that goes beyond code suggestions. Install, execute, edit, and test with any LLM.



Model Context Protocol

Model Context Protocol (MCP) is a protocol for seamless integration between LLM applications and external data sources.



agentgateway

agentgateway enables secure, scalable connections between AI agents, models, tools, and APIs across ecosystems.



Agent2Agent

Agent2Agent (A2A) is an open protocol that enables AI agents to communicate, collaborate, and securely exchange information and...



Submit a Project

Contribute to the future of open, community-driven AI by submitting your project proposal through the official GitHub process.

[Submit Project Proposal](#)

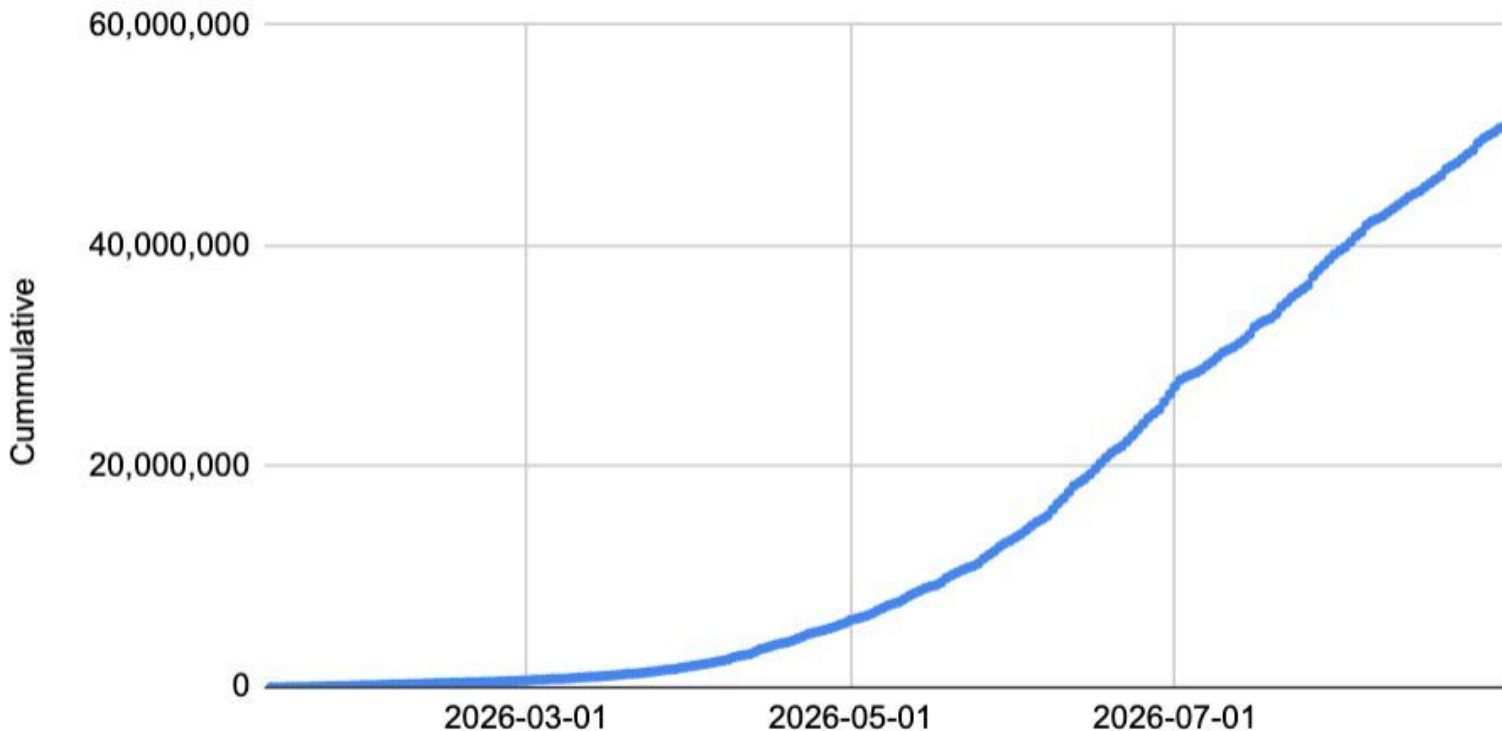
agentgateway just hit 50M downloads in 2026.



Agentic AI Foundation

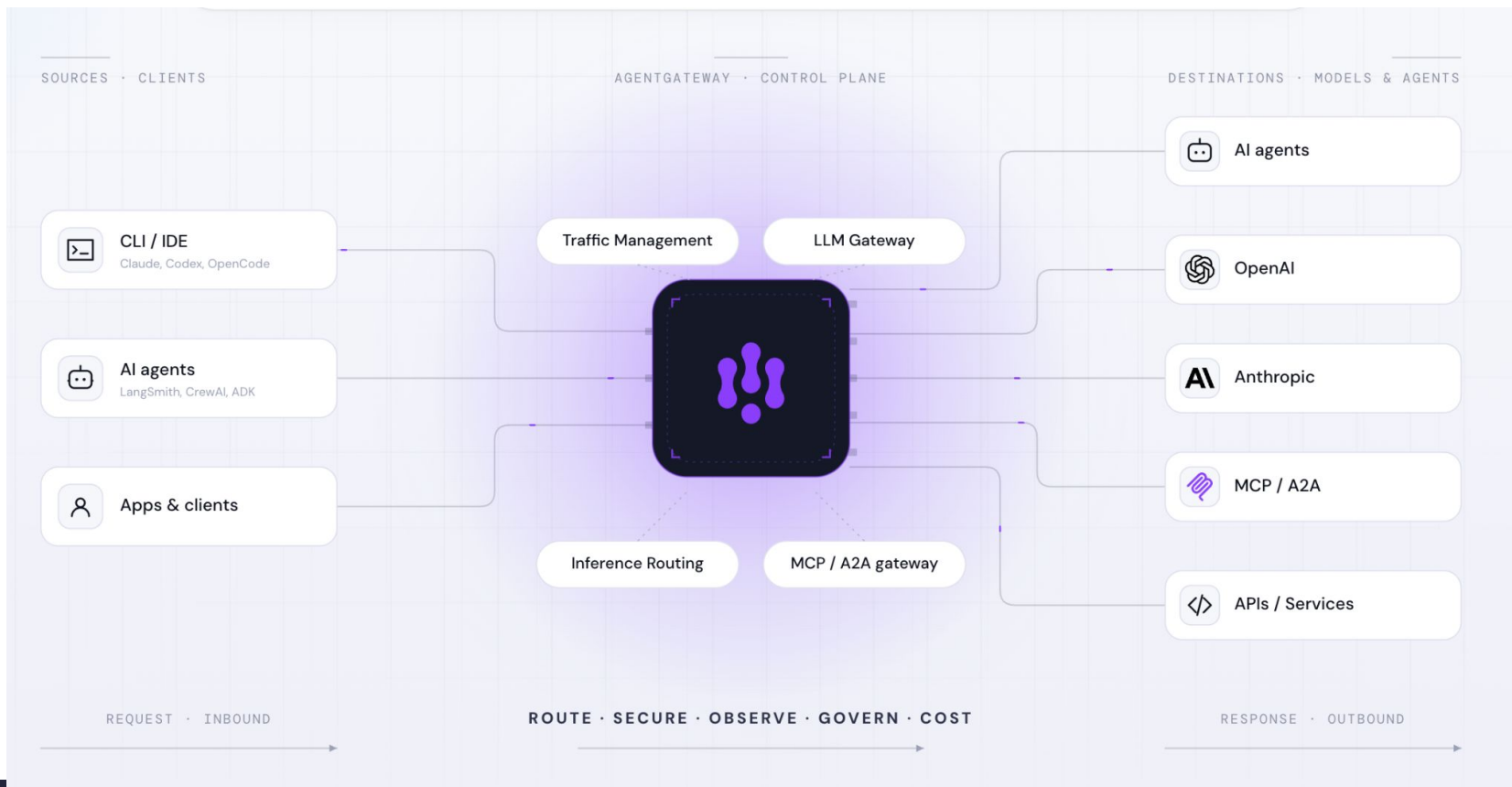
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Cumulative Image Pulls



Where the **agentic stack** is being built.

agentgateway



Where the **agentic stack** is being built.

Documentation

Agentgateway can be deployed in two ways. Choose your deployment type to view the relevant documentation.



Standalone Binary

Run agentgateway as a standalone binary or in Docker on your local machine or server. Perfect for development, testing, and simple deployments.



Kubernetes

Deploy and dynamically configure agentgateway on Kubernetes using a built-in control plane and Gateway API.



Community

Docs

Enterprise

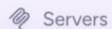


GitHub

Get started

A catalog your developers want to browse.

Browse and search the catalog, manage artifacts, and deploy agents and MCP servers into a connected cluster — without leaving the browser.



Servers



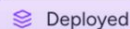
Skills



Agents



Prompts



Deployed

agentgateway ❤ agentregistry



One secure endpoint for every approved server.

Instead of exposing each MCP server, agentregistry routes everything through agentgateway — an AI-native reverse proxy. Your clients connect to one URL, gateway enforces auth, and new deployments are picked up automatically.

Cursor VS Code Claude Code OpenCode arcti CLI Any MCP client



agentgateway

Secure AI endpoint

Single MCP endpoint · LLM Gateway · Tool routing · Auth



agentregistry

Registry server · Web UI
Enrichment · Governance



Agents



Skills



MCP servers



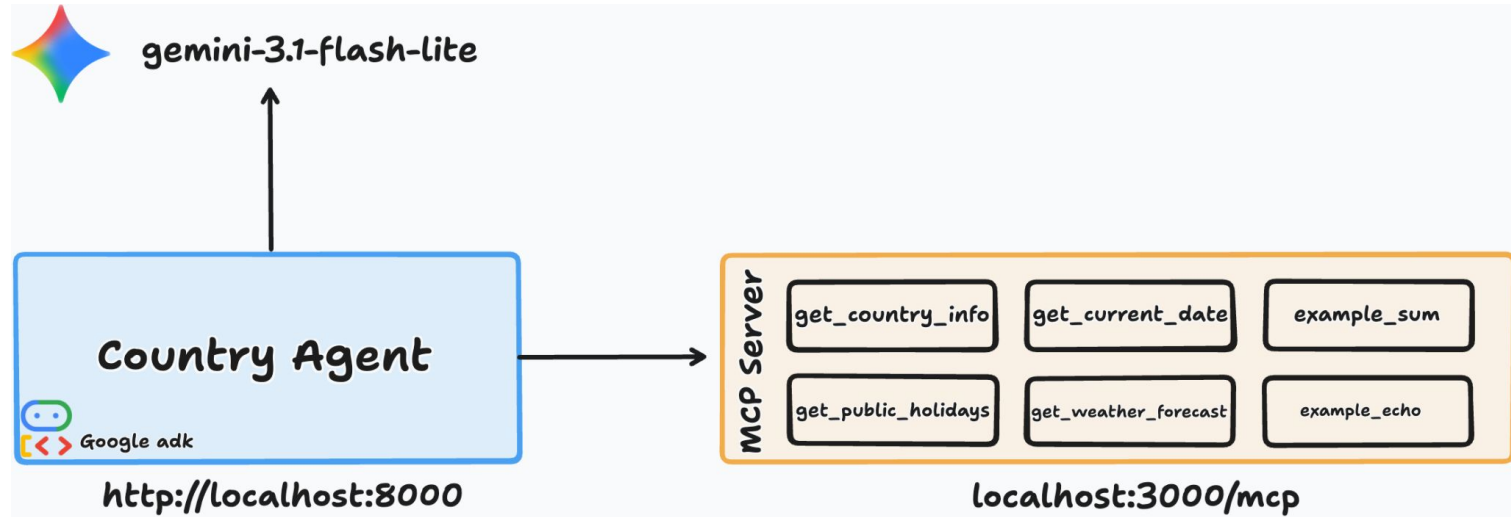
Prompts



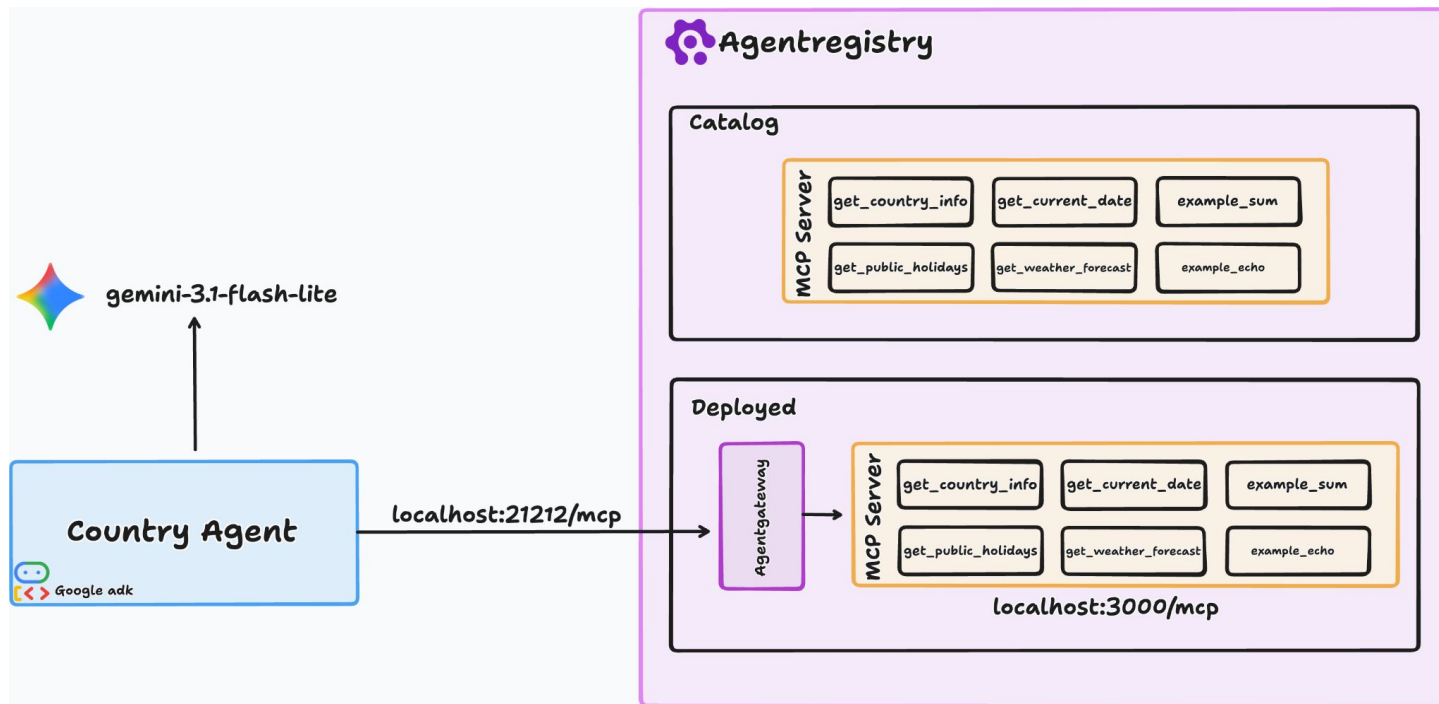
Docker Kubernetes Any cloud

Where the **agentic stack** is being built.

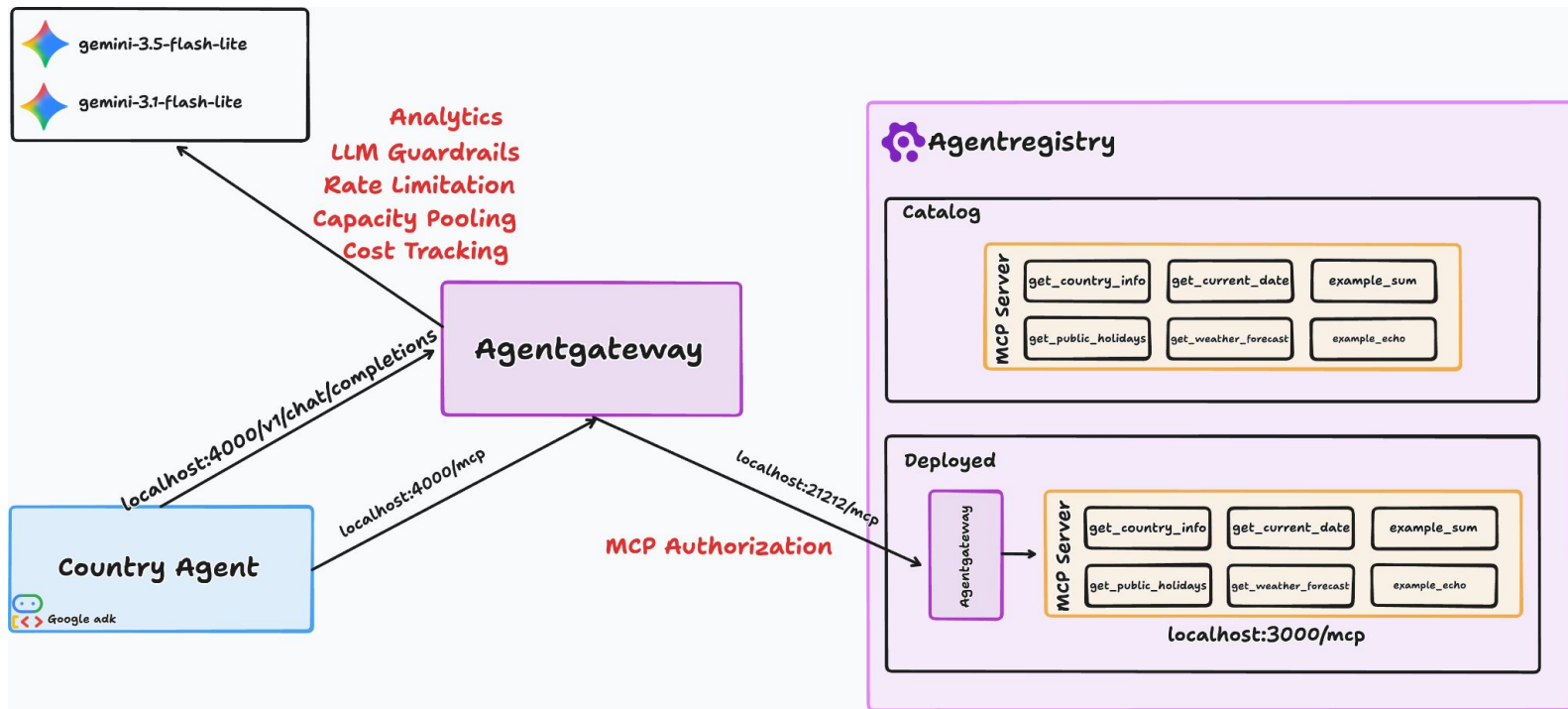
What we'll do today



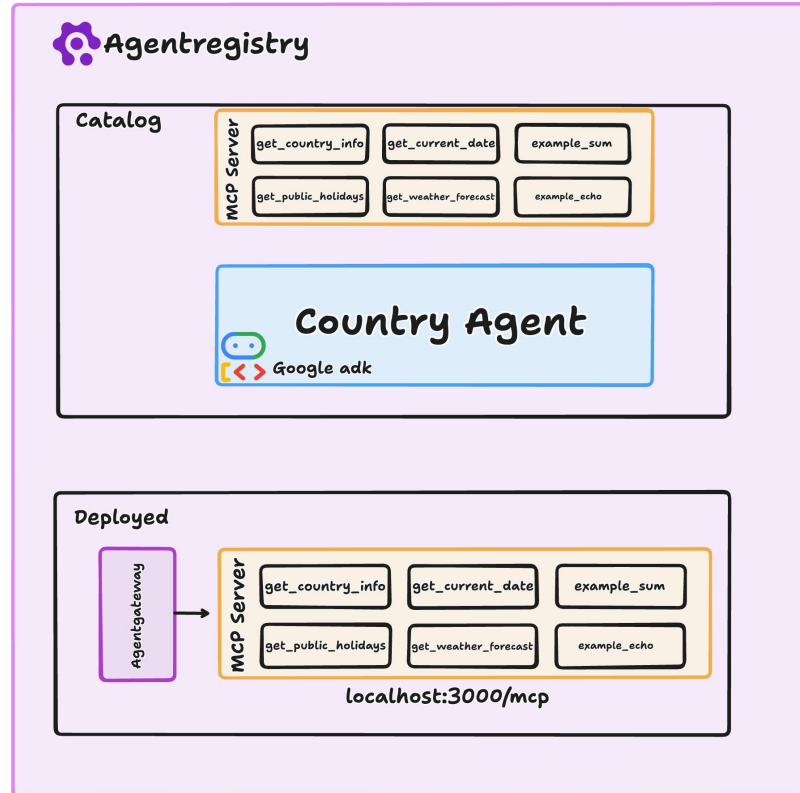
What we'll do today



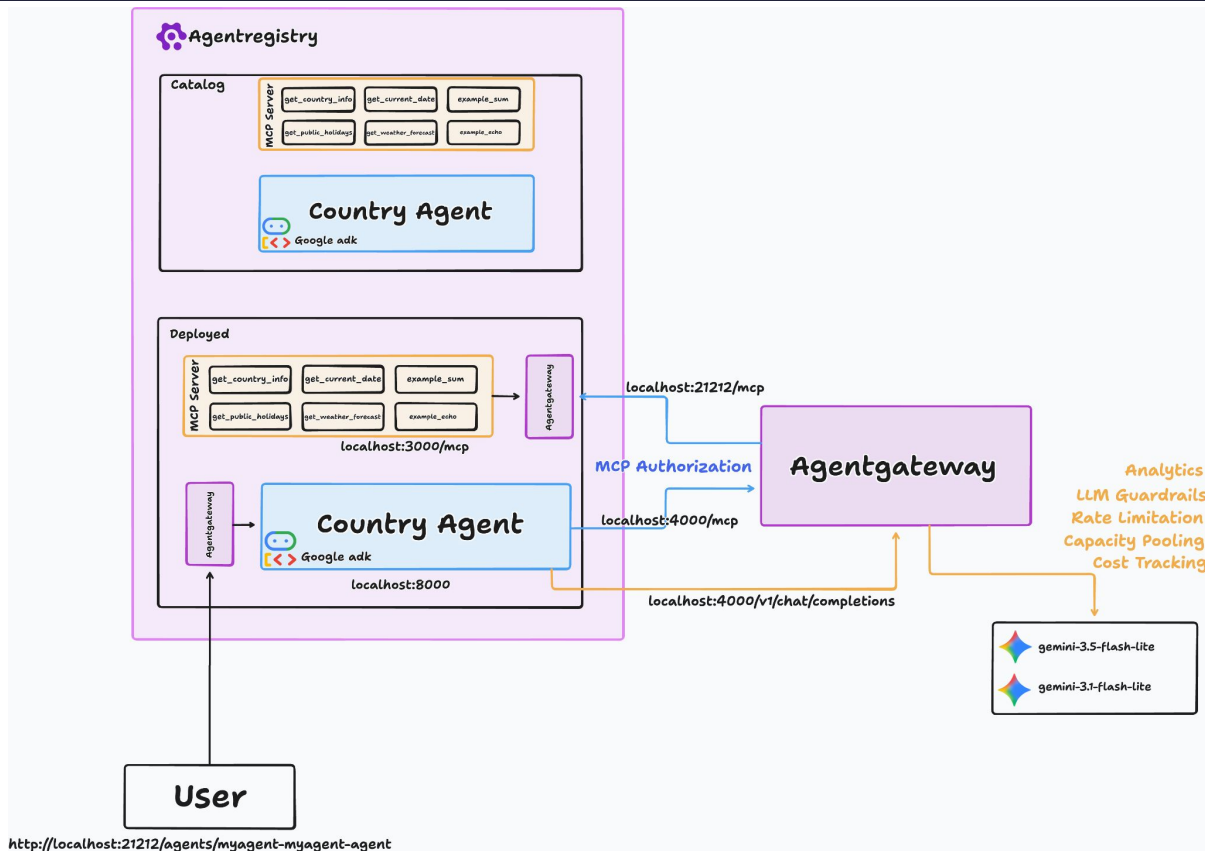
What we'll do today



What we'll do today



What we'll do today



Where the agentic stack is being built.

Workshop Documentation

AGNTCon + MCPCon Japan 2026

File Edit View Insert Format Tools Gemini Extensions Help

125% Normal text Arial 11 B I U A

Workshop: Building Secure & Discoverable Agent Infrastructure with agentgateway & agentregistry

Introduction & About the Author



This document was prepared by **Mehmet Hilmi Emel**, an AI and Cloud Technology professional from Turkey, currently based in Istanbul and working at Acedemand IT. He is passionate about Artificial Intelligence applications, Cloud Technology, and Natural Language Processing (NLP).

Mehmet actively combines his hobbies with a strong desire to learn and share knowledge. He produces projects, detailed YouTube videos, and Instagram posts explaining his work in these advanced fields. His YouTube channel also features vlogs from his travels to various tech events.

This guide was created specifically for his speaking session at the **AGNTCon + MCPCon Japan 2026**. It is intended to serve as a detailed, step-by-step guide to help attendees replicate the project on their own during the workshop.

Connect with Mehmet:

- [YouTube](#)
- [Instagram](#)
- [Linkedin](#)



SCAN ME

<https://docs.google.com/document/d/1k2FVGlhX88LCN3BshqUtBsBqCKRZE7sQwQysXFqmBwc>

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Let's Take So Many Pictures



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<https://www.linkedin.com/in/mehmet-hilmi-emel/>

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