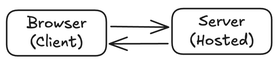
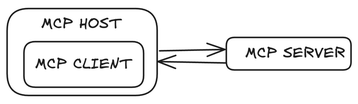
PRACTICAL TIPS

DATA FLOW IN MCP SaaS

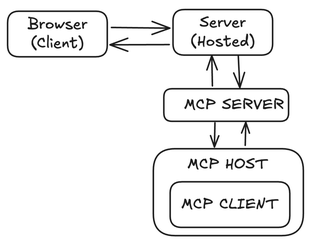
Earlier How things were Done



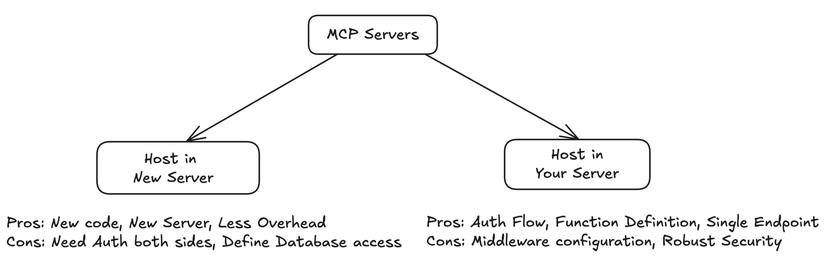

What is Model Context Protocol




So, New Integrated Way




Theory done, let's talk hands on




1/ Give API Keys
2/ OAuth verification

API Keys

1/ You manage the
keys and verification logic

2/ Maintain Database of keys
with expiry, and userID

OAuth Verification

1/ You make your Application as
OAuth Server

2/ or, use another Auth Server

3/ MCP Server needs less code,
OAuth need the most

OAuth Flow (Easy way)

1/ MCP Client

You Add the URL

localhost:3000/api/mcp

2/ MCP Client

Go to the URL and Request
1/ Initialise
- Tools List
- Resource url
- Prompts

2/ Tool call

3/ MCP Server

Check for
Auth Headers

If not Authorised

If Authorised

4/ MCP Server

Serve the Request
with Response

MCP Client

Requests to MCP Server with GET Request here

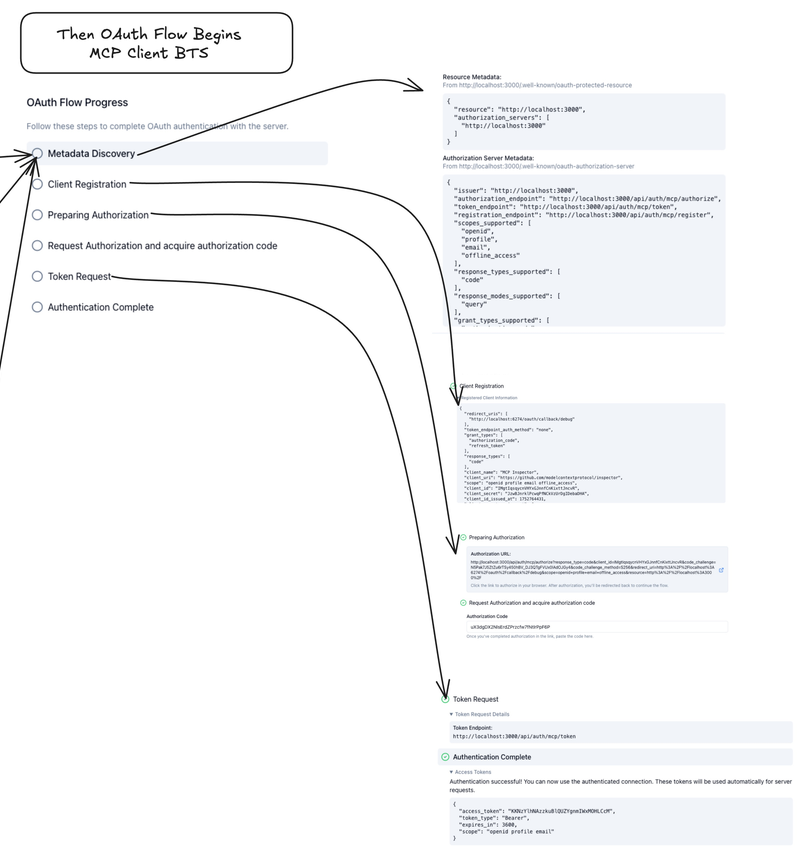
mcp-server-url/.well-known/oauth-protected-resource

MCP Server

It returns with
JSON Response of-
1/ Resource Server
2/ Authorization Server

MCP Client

Requests to MCP Server with GET Request here

mcp-server-url/.well-known/oauth-authorization-server

Then OAuth Flow Begins
MCP Client BTS