

# THE MCP ADOPTION TAX

Thirteen subsystems every hand-rolled MCP server re-implements from scratch – and the security review that rarely follows. Check off what you've actually shipped; fill in the blanks for your own org.

13 SUBSYSTEMS

ILLUSTRATIVE ESTIMATES

PRINT & TRACK PER SERVER

- IDENTITY & ACCESS
- ☐

01

Authentication – who is calling

2 wks
- ☐

02

Authorization – what they may do

2 wks
- ☐

03

Agent identity – owned · scoped, not shared

1 wk
- ☐

04

Tool-level access – per-tool rules, not per-server

1 wk
- PROTECT THE BOUNDARY
- ☐

05

Credential handling – no secrets in the agent's hands

1 wk
- ☐

06

Private connectivity – reach internal hosts safely

1 wk
- ☐

07

Discovery & approval – who sees which tools exist

1 wk
- OPERATE IT LIKE PRODUCTION
- ☐

08

Audit logging – who did what, when

1 wk
- ☐

09

SIEM export – evidence flows to your tools

1 wk
- ☐

10

Session handling – reconnect and revoke cleanly

1 wk
- ☐

11

Rate limits & quotas – contain the blast radius

1 wk
- ☐

12

Health & metrics – know it's down before your users do

1 wk
- ☐

13

Incident response – shut it down fast, from one place

2 wks

SUBTOTAL PER SERVER • 13/1316 ENG-WKS

× SERVERS IN YOUR ORG-----

TOTAL DUE----- ENG-WKS

SECURITY REVIEWS OWED • 0 COMPLETED-----

THE FIX

Amelfi ships all thirteen as shared infrastructure – reviewed once by security, reused by every team, revoked from one place.

Illustrative estimates – adjust the eng-week figures to your own team's velocity. The multiplication is the point.