

SNYK MCP CHEAT SHEET

Installation

Download and install the Snyc CLI and add server to the MCP configuration.

```
"servers": {
  "SnykMCP": {
    "command": "snyk",
    "args": ["mcp", "-t", "stdio"]
  }
}
```

Use npx and add server to the MCP configuration.

```
"servers": {
  "SnykMCP": {
    "command": "npx",
    "args": ["-y", "snyk@latest",
      "mcp", "-t", "stdio"]
  }
}
```

Transport types

Standard IO transport:

```
$ snyk mcp -t stdio
```

HTTP Server-Sent Events Transport:

```
$ snyk mcp -t sse
```

The available endpoint is /sse.

Setting up

Snyk needs to be authenticated. This will happen automatically or manually, through the function:

```
/snyk_auth
```

Prompts

To scan your code for safe deployment, use the following prompt:

Scan this project for code security & dependency vulnerabilities and security issues with snyk

Rules

If your code assistant supports rules, these are the suggested instructions:

Always run Snyk Code scanning tool for new first-party code generated.

Always run the Snyk SCA scanning tool for new dependencies or dependency updates.

If any security issues are found based on newly introduced or modified code or dependencies, attempt to fix the issues using the results context from Snyk.

Rescan the code after fixing the issues to ensure that the issues were fixed and that there are no newly introduced issues.

Repeat this process until no issues are found.

Functions

Available functions in the Snyk MCP server that may be called manually:

```
/snyk_sca_scan (Open Source scan)
/snyk_code_scan (Code scan)
/snyk_iac_scan (IaC scan)
/snyk_container_scan (Container scan)
/snyk_sbom_scan (SBOM file scan)
/snyk_aibom (Create AIBOM)
/snyk_trust (Trust a folder before running a scan)
/snyk_auth (authentication)
/snyk_logout (logout)
/snyk_version (version information)
```

Troubleshooting (read docs)

Make sure to:

- Use the latest version of Snyk CLI
- Authenticate with API token with the `SNYK_TOKEN=<TOKEN>` environment variable
- If the Snyk account is part of multiple organizations with the `SNYK_CFG_ORG=<YOUR_ORG_ID>` environment variable
- Use debug flag -d;
`$ snyk mcp -t stdio -d`
- Disable folder trust `--disable-trust` flag with `$ snyk mcp -t stdio --disable-trust`
- Write output to the tmp folder with `$ snyk mcp -t stdio -o=ostemp`

Quick Start Guides

Quickstart guides are available for various coding assistants.

Check out the [quickstart guides for MCP](#).



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