Remote MCP: Connect External Tools

Course syllabus

Version 2026-11

Overview

Connect Grok to your own MCP servers: secure configuration, multi-server setup, authentication, and best practices.

Learning objectives

- Connect Grok to a remote MCP server by configuring server_url, server_label, and authorized tools
- Choose between Streaming HTTP and SSE transports based on infrastructure constraints
- Secure access to an MCP server via authentication and dedicated headers
- Orchestrate a multi-server configuration combining external MCP tools and Grok's built-in tools
- Limit the exposure surface of connected tools by applying security best practices

Audience and prerequisites

Developers, engineers, and integrators looking to leverage Grok via API in their applications.

Ability to read Python and JSON, command line basics. An API key from the xAI console to try the examples.

Duration and format

Estimated duration : 1 h 15 min. 100% online self-paced course, accessible 24/7 from a browser. Progress saved, resume anytime. Estimated duration: 1 h 15 min.

Content

- MCP Concept (3 lessons)
- Configuration (4 lessons)
- Multi-Server (3 lessons)
- Best Practices (2 lessons)

Assessment

Practical exercises proposed throughout the lessons. Each lesson ends with its Key takeaways, supporting self-assessment. A final quiz of 5 corrected questions, at the end of the last lesson, validates learning.

Accessibility

Course accessible to people with disabilities: text content compatible with screen readers, keyboard navigation, and compliant contrasts. For any adaptation needs, email hello@corsen.ai.

Price and recognition

Free

Certificate of completion issued by Corsen AI.

Access time

Immediate after account creation and email confirmation.

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