

Exercise Introduction

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Task 1: Security concerns of an FTP server (15 min)

Assume that you are an IT administrator responsible for securing an FTP server listed in a service catalog. Your goal is to ensure that the FTP server is used in a secure and compliant manner.

1. What are the potential security risks associated with this service?
2. What are solutions and best practices for mitigating these risks?

Hints

- Think about access controls, network security, data protection, emergency plan, etc.

Task 2: Service catalog for Performance Data Dashboards and Security (15 min)

Having deployed the TIG (Telegraf, InfluxDB, Grafana) stack, following the monitoring tutorial, you've offered it as a service called 'Performance Data Dashboards' to both HPC customers and engineers. Enumerate potential security risks associated with this setup and propose solutions to enhance the security of the stack.

Hints

- Think about the fact that Grafana and InfluxDB are installed on the same frontend, authentication, network traffic, etc.