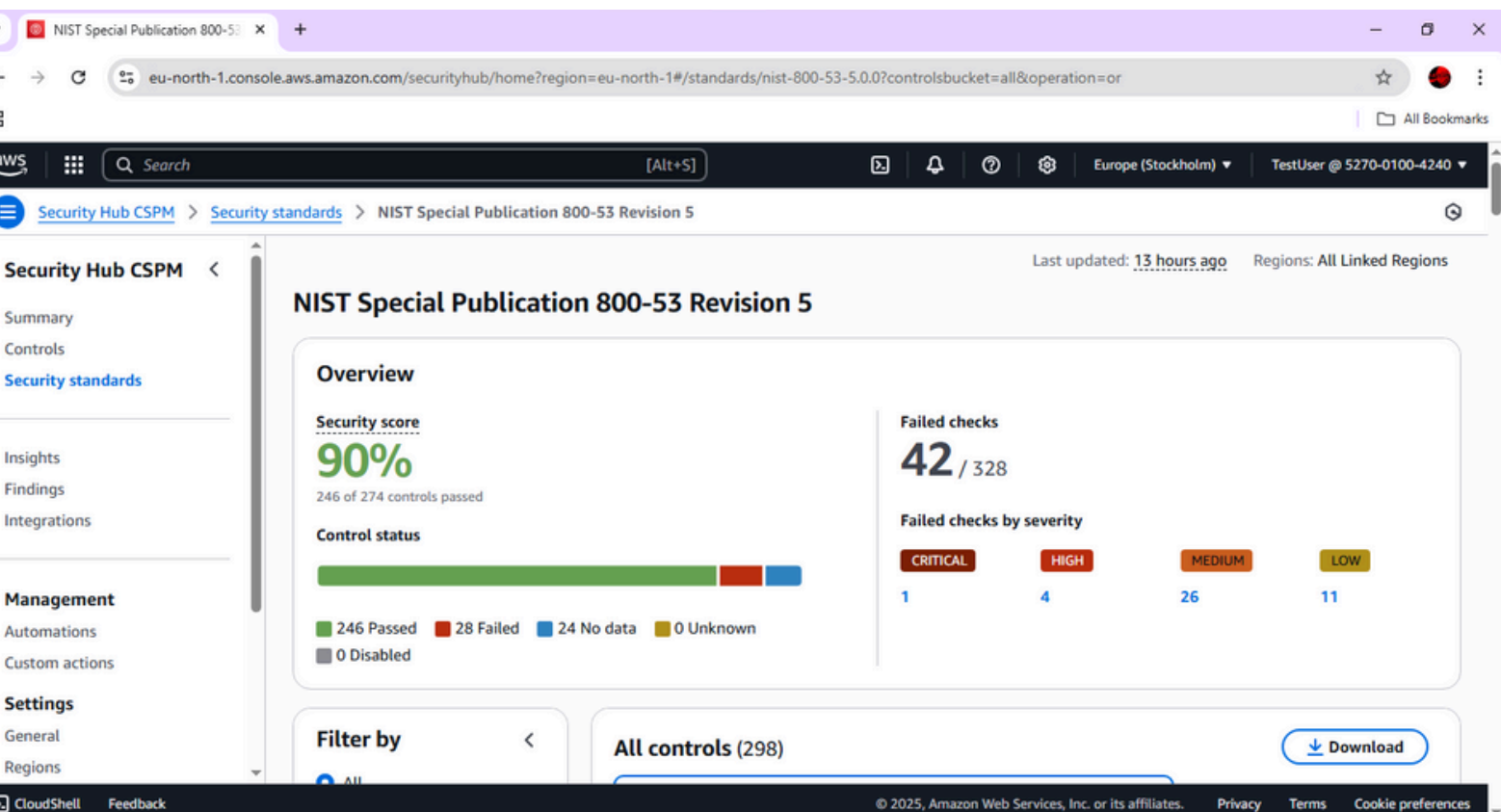


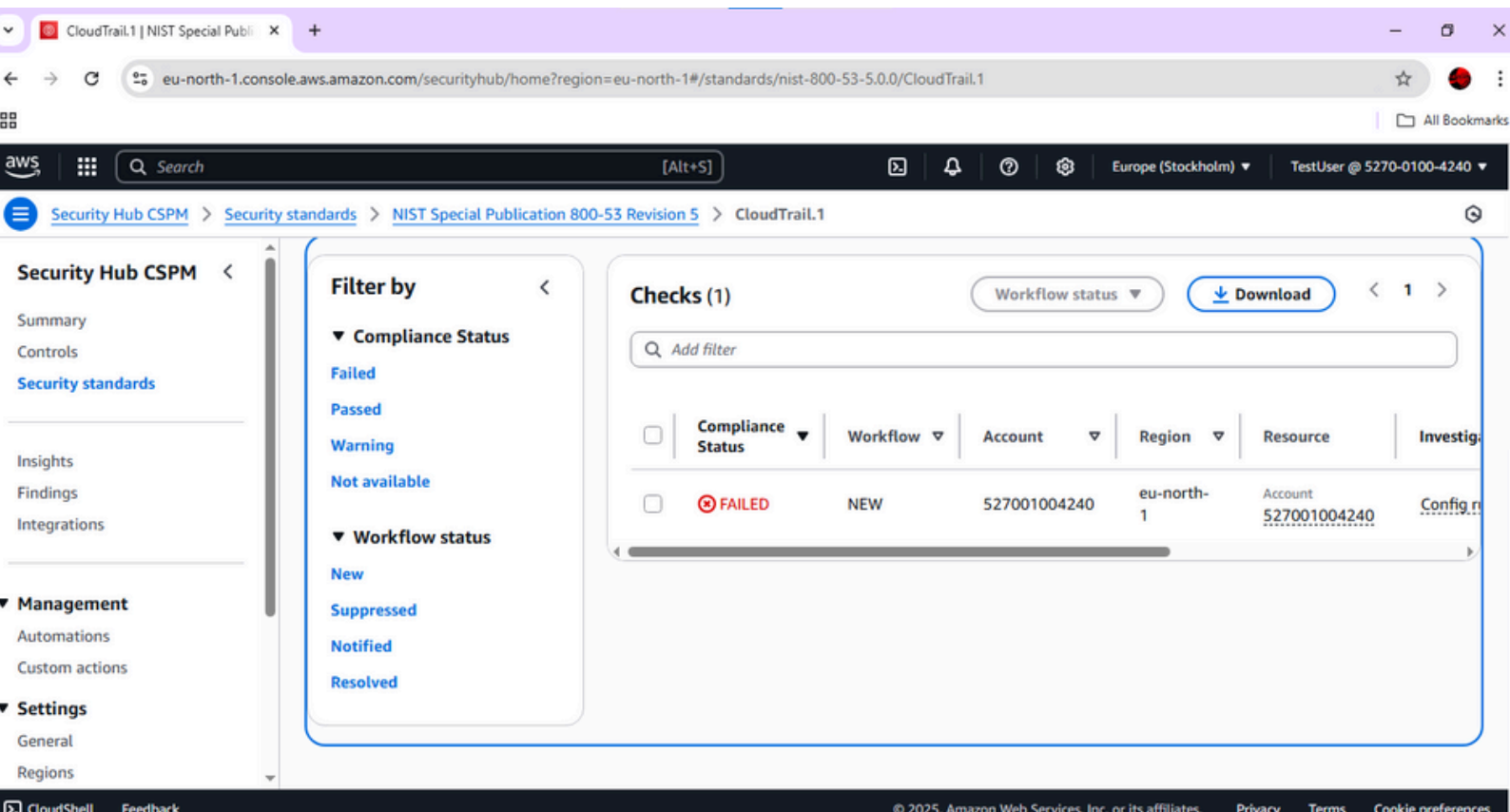
Practical 1: NIST 800-53 Compliance Check

Screenshot 1: NIST Score Dashboard



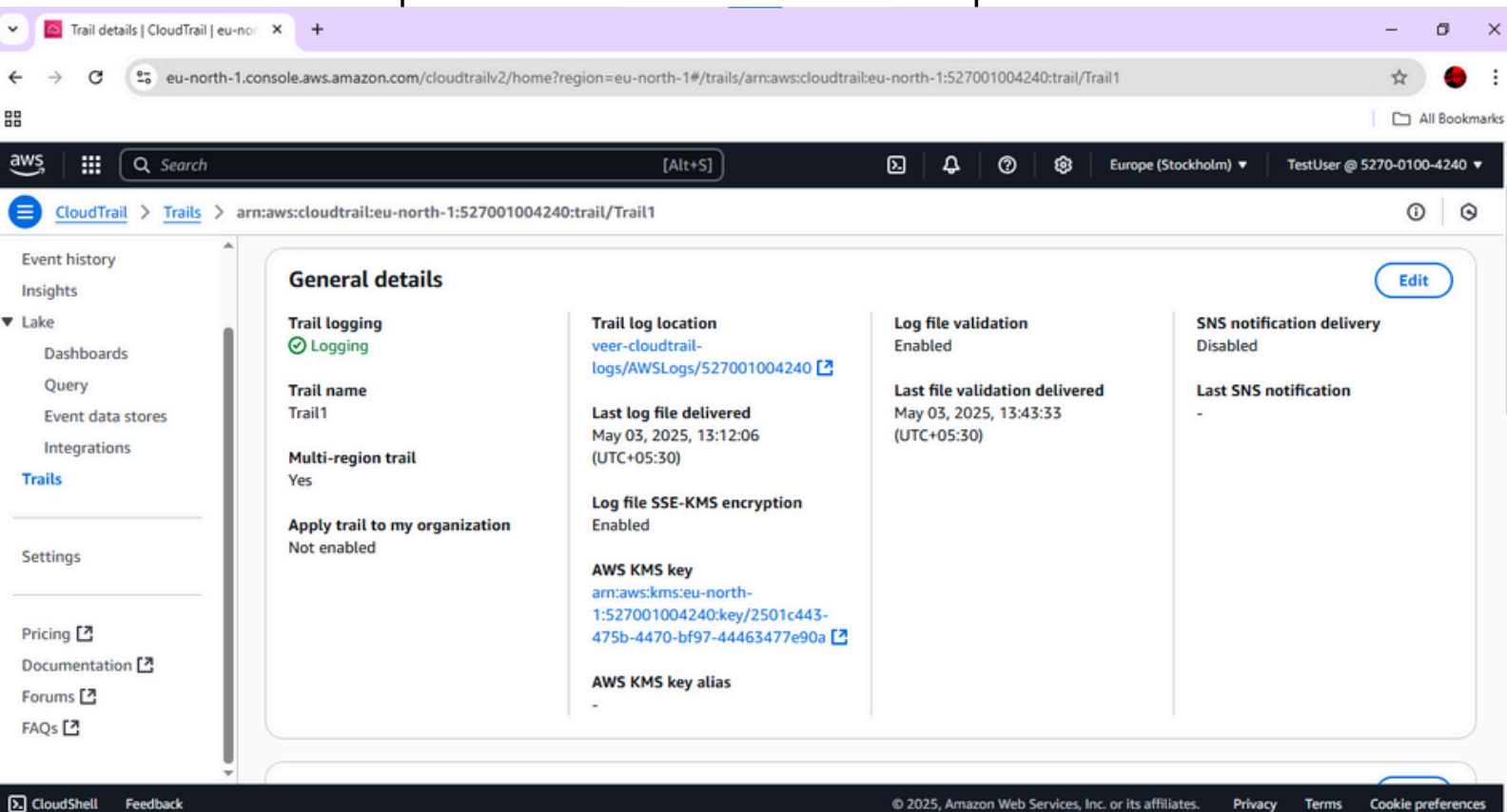
Screenshot 2: CloudTrail Non-Compliant

-> Solving one failed finding, enabling CloudTrail to fix non-compliance with NIST Benchmark



Screenshot 3: CloudTrail Configuration

-> Verified that CloudTrail is enabled with multi-region logging and read/write permission to meet NIST compliance

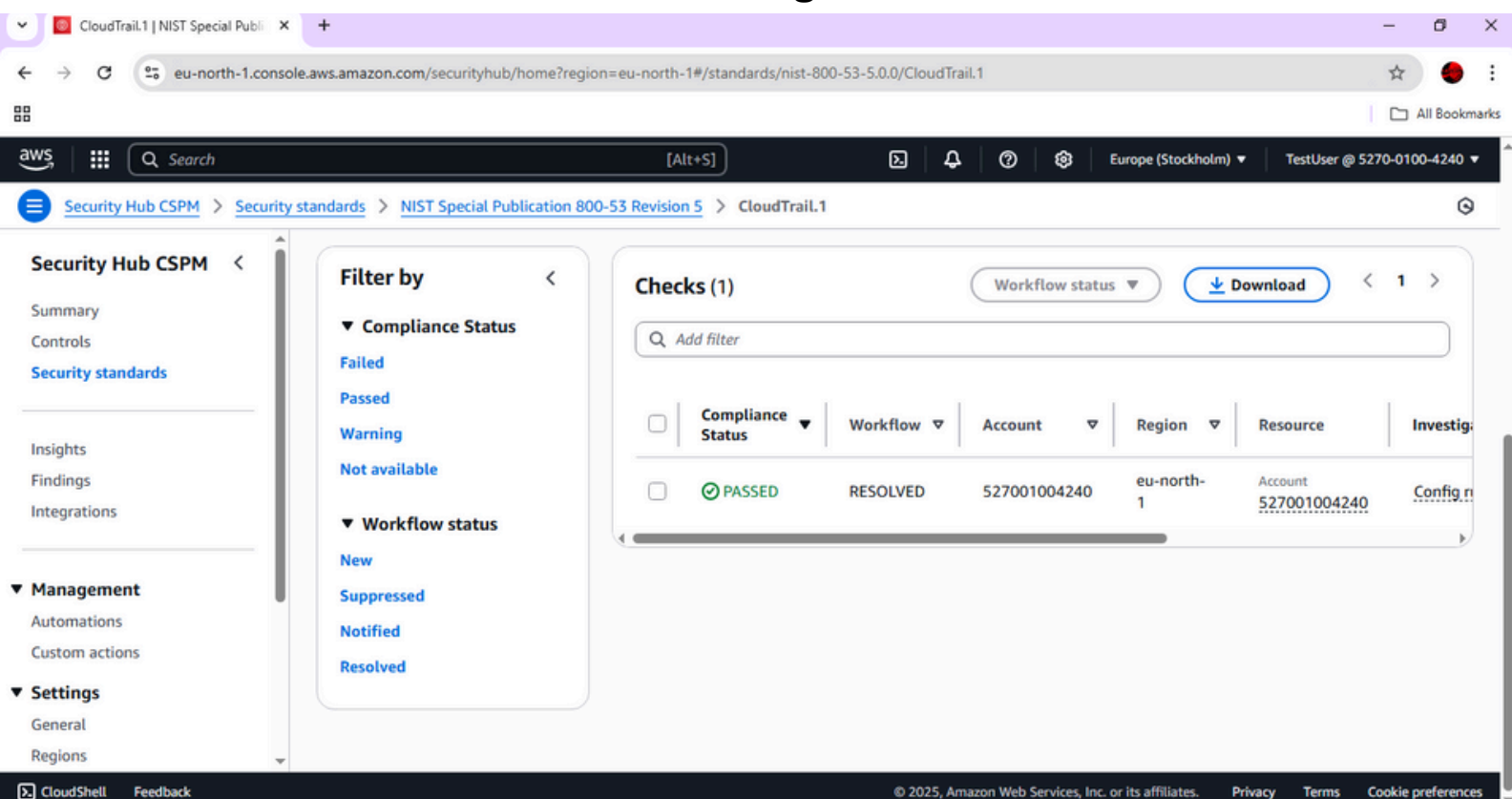


The screenshot shows the AWS CloudTrail console for Trail1 in the eu-north-1 region. The trail is configured with the following details:

- Trail logging:** Enabled (indicated by a green checkmark).
- Trail log location:** [veer-cloudtrail-logs/AWSLogs/527001004240](#)
- Trail name:** Trail1
- Multi-region trail:** Yes
- Apply trail to my organization:** Not enabled
- Log file validation:** Enabled
- Last log file delivered:** May 03, 2025, 13:12:06 (UTC+05:30)
- Last file validation delivered:** May 03, 2025, 13:43:33 (UTC+05:30)
- SNS notification delivery:** Disabled
- Last SNS notification:** -
- Log file SSE-KMS encryption:** Enabled
- AWS KMS key:** [arn:aws:kms:eu-north-1:527001004240:key/2501c443-475b-4470-bf97-44463477e90a](#)
- AWS KMS key alias:** -

Screenshot 4: NIST Compliance Status

-> NIST 800-53 standard shows “Passed” after enabling required CloudTrail settings



The screenshot shows the AWS Security Hub console for the NIST Special Publication 800-53 standard. The compliance status is "Passed" (indicated by a green checkmark). The workflow status is "Resolved". The account ID is 527001004240, and the region is eu-north-1. The resource is the CloudTrail trail.

Compliance Status	Workflow	Account	Region	Resource	Investigation
<input checked="" type="checkbox"/> PASSED	RESOLVED	527001004240	eu-north-1	Account 527001004240	Config n