

# NFTables Testing Framework

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Professional firewall rule validation with realistic traffic simulation.

## Quick Start

```
# Complete game simulation (18 players, 2 minutes)
./scripts/linux/run-game-simulation.sh

# Basic rule testing
docker-compose -f docker/docker-compose.yml up --build

# Direct Linux execution (requires sudo)
sudo ./scripts/linux/run-direct.sh
```

## Project Structure

See [docs/README.md](#) for complete documentation.

## Reports

Check [results/](#) folder after testing:

- [server-report-\\*.json](#) - Server performance
- [client-report-\\*.json](#) - Client traffic stats
- [\\*.log](#) - Detailed logs

## Features

- ☒ Realistic game traffic simulation
- ☒ 18 concurrent players
- ☒ Comprehensive reporting
- ☒ Rate limiting validation
- ☒ Professional Docker setup

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**Quick Links:** [Documentation](#) | [Configuration](#) | [Scripts](#)