

Planned Flags for NullCon CTF 2026

February 7, 2026

Abstract

This document contains the collection of flags used throughout our Capture The Flag (CTF) security challenge. Each flag represents the successful completion of a specific task, vulnerability exploitation, or investigative step within the competition. Participants should handle these flags responsibly and avoid sharing them outside the intended challenge environment. Developer should keep this document and single flags confidential as well.

PLEASE NOTE: If the document has to be published before the competition, each challenge author is responsible to securely redact the flags used by his or her services!

1 Flag Format

The flag format `ENO{...}` follows a structured and intentionally constrained pattern commonly used in Capture The Flag (CTF) competitions to ensure both consistency and unambiguous identification of valid solutions. In this scheme, every legitimate flag begins with the fixed prefix “ENO”, immediately followed by a pair of curly braces that enclose the flag’s substantive content. The material inside the braces typically consists of an alphanumeric string, often augmented with underscores, mixed-case letters, or leetspeak substitutions. These stylistic choices serve two purposes: they make the flag human-readable while still allowing challenge designers to embed subtle hints, thematic references, or obfuscation techniques.

A representative example—`ENO{th1s_is_4n_eXample}`—illustrates the typical composition. The prefix anchors the flag to the event or organizing body, while the internal token demonstrates the flexible yet controlled syntax permitted within the braces. This structure is intentionally simple enough to be recognized across diverse challenge categories (cryptography, forensics, web exploitation, etc.) yet sufficiently distinctive to prevent accidental collisions with unrelated text. By standardizing the format, organizers streamline automated validation, reduce ambiguity during submissions, and reinforce a coherent identity across the competition’s technical artifacts.

2 Flag Generation Algorithm



3 Flag Distribution

Take only the flag associated with your challenge. The flag will only work for the intended challenge.

3.1 Computational Artefact Deconstruction and Behavioral Inference

The [REDACTED] is [REDACTED] { [REDACTED] }, [REDACTED] the [REDACTED] [REDACTED] of the [REDACTED] [REDACTED] [REDACTED]. The [REDACTED] [REDACTED] is [REDACTED] { [REDACTED] }, [REDACTED] [REDACTED] [REDACTED] a [REDACTED] [REDACTED] with the [REDACTED] [REDACTED]. The [REDACTED] [REDACTED] is [REDACTED] { [REDACTED] }, [REDACTED] that the [REDACTED] [REDACTED] [REDACTED] has been [REDACTED] [REDACTED]. The [REDACTED] [REDACTED] is [REDACTED] { [REDACTED] }, [REDACTED] [REDACTED] [REDACTED] the [REDACTED] to [REDACTED] a [REDACTED] [REDACTED]. The [REDACTED] [REDACTED] is [REDACTED] { [REDACTED] }, [REDACTED] [REDACTED] [REDACTED] of the [REDACTED] and its [REDACTED] [REDACTED].

3.2 Computational Epistemology and Algorithmic Hermeneutics

The first flag is `ENO[semantic.3.inference.initialized]`, marking the moment participants successfully extract meaning from an intentionally opaque computational construct. The second flag is `ENO[semantic.3.inference.initialized]`, awarded upon demonstrating a structured understanding of a process that initially appears arbitrary or chaotic. The third flag is `ENO[semantic.3.inference.initialized]`, obtained when a participant's analytical framework aligns with the system's hidden operational logic. The fourth flag is `ENO[semantic.3.inference.initialized]`, representing mastery over the recursive interpretive steps required to fully decode the challenge's epistemic structure.

granted when participants successfully uncover and leverage a hidden or improperly validated pathway within the application's request-processing flow.

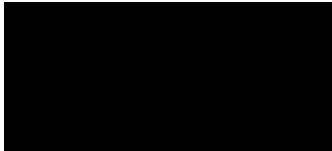
3.7 Computational Ontology Reconciliation and Symbolic Discontinuity Analysis



3.8 Practical Offensive Systems Manipulation and Privilege Subversion

[REDACTED]

3.9 Synthetic Logic Manipulation and Constraint Subversion Theory



4 Signatures

The final flag document has to be signed by at least two organizers.

