# **CTF Topic: Zone Transfer (Hacker Target)**



# **Introduction**

A zone transfer is a mechanism in the Domain Name System (DNS) that allows a secondary DNS server to replicate DNS data (zone file) from a primary DNS server. It helps in maintaining consistent and up-to-date DNS records across multiple servers within a domain.

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# **Scenario**

You are a network security analyst tasked with assessing the security of your company's DNS configuration. Your task is to use the Zone Transfer tool by Hacker Target to see if your DNS servers are vulnerable to unauthorized zone transfers, which could expose sensitive DNS information.



# **Process to Follow while Performing CTF**

Step 1: Open [**https://hackertarget.com/zone-transfer/**](https://hackertarget.com/zone-transfer/)

Step 2: Click on tools then on zone transfer

Step 3: Enter **islingtoncollege.edu.np** in the text box

# **Let's Begin The Challenge**

# **Question**

**Flag 1 :** What is the version of the dig command being used

**Answer :** 9.10.3-P4-Debian

**Flag 2 :** How many servers were found in both of the zone transfer attempts

**Answer :** 3

# **Hint**





