

**DIFFERENCE**

**B/W**

**RECONNAISSANCE**

**&**

**FOOTPRINTING**

# Nature

## RECONNAISSANCE

**it is the broader phase that encompasses the initial information-gathering activities in ethical hacking. It involves understanding the target environment, identifying potential targets, and collecting information about them.**

## FOOTPRINTING

**Footprinting is a specific and more focused subset of reconnaissance. It is an integral part of the reconnaissance phase and often the first step in the information-gathering process.**

# Objective

## RECONNAISSANCE

**The primary goal of reconnaissance is to gain a high-level understanding of the target organization, its network architecture, and its online presence.**

**It aims to identify potential targets for further investigation and exploitation.**

## FOOTPRINTING

**The primary goal of footprinting is to gather detailed information about a specific target, such as a website, network, or organization.**

**It aims to create a detailed "footprint" of the target's online presence and infrastructure.**

# Scope

## RECONNAISSANCE

**Reconnaissance employs both passive and active methods to gather extensive data, including details about the organization's employees, partners, and online assets**

## FOOTPRINTING

**Footprinting combines passive and active techniques to pinpoint specific target details like IP addresses, domain names, network configurations, and vulnerabilities.**

# Methods

## RECONNAISSANCE

**Reconnaissance employs both passive and active methods to gather extensive data, including details about the organization's employees, partners, and online assets**

## FOOTPRINTING

**Footprinting combines passive and active techniques to pinpoint specific target details like IP addresses, domain names, network configurations, and vulnerabilities.**

**In summary, reconnaissance is the broader phase that involves understanding the overall target environment and identifying potential targets, while footprinting is a more specific and focused subset of reconnaissance that aims to create a detailed profile of a particular target. Both phases are crucial in ethical hacking, as they provide the necessary information for subsequent phases, such as scanning, enumeration, and exploitation.**