

# Leveraging Cloud Services for Large Scale Fuzzy Hashing

**DS7330** 

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ssDeep Term Project Repo

### Introduction

What is fuzzy hashing?

A type of compression function for calculating the similarity between digital files

Use cases

loC's and malware analysis

#### How it works

Gather hashes and compare them to database(s) to see if the hash matches a known-bad sample

#### About ssDeep

It works by computing a fuzzy hash of each piece of data supplied to it and compares the hashes generating a similarity score ranging from 0 to 100

You manage

Managed by vendor

## As-a-Service



Microsoft Dynamics 365

Office 365





**Traditional** on-premises

**Applications** 

Runtime

Middleware

Storage

Infrastructure (as a service)

**Applications** 

Data

**Runtime** 

Middleware

O/S

Virtualization

Servers

Storage

**Networking** 

**Platform** (as a service)

**Applications** 

Data

**Runtime** 

Middleware

O/S

Virtualization

Servers

Storage

**Networking** 

Software (as a service)

**Applications** 

Data

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