

COMPUTER GLOSSARY

“Z” Alphabet



@computerhardwaresoftwarenetworking
@all_computer_gyaan95





ZERO INSERTION FORCE (ZIF)

A type of socket used in CPUs and other electronic components that allows the device to be inserted or removed without applying force.

ZERO TRUST SECURITY

A security model that requires strict identity verification for every user or device attempting to access resources, regardless of their location within or outside the network.

@computerhardwaresoftwarenetworking
@all_computer_gyaan95





Z-INDEX

A CSS property used to determine the stacking order of elements on a webpage, specifying which elements should appear in front or behind others.

Z-BUFFERING

A computer graphics technique used in 3D rendering to manage image depth coordinates, ensuring that objects closer to the camera obscure those further away.

@computerhardwaresoftwarenetworking
@all_computer_gyaan95





ZIP FILE

A file format that supports lossless data compression, commonly used for bundling files together and reducing their size.

ZERO-DAY VULNERABILITY

A security vulnerability that is exploited by hackers before the vendor becomes aware of it and releases a patch or update.

@computerhardwaresoftwarenetworking
@all_computer_gyaan95





Z-WAVE

A wireless communication protocol used in home automation systems, similar to Zigbee but often used for smart home devices like lights and locks.

ZONE FILE

A data file used by DNS (Domain Name System) servers that contain mappings of domain names to IP addresses.

@computerhardwaresoftwarenetworking
@all_computer_gyaan95





ZIGZAG ALGORITHM

An algorithm used in image processing and compression, especially in JPEG format, to order the coefficients in a way that improves efficiency.

ZERO-FILL

A process of overwriting a hard drive's data with zeros to securely erase the content.



@computerhardwaresoftwarenetworking
@all_computer_gyaan95





ZERO LATENCY

Refers to a state where there is no delay in data transmission or response time, ideal for high-performance computing and gaming.

ZIGBEE

A low-power, wireless communication protocol used for Internet of Things (IoT) devices, such as smart home appliances.

@computerhardwaresoftwarenetworking
@all_computer_gyaan95





ZONE FILE

A data file used by DNS (Domain Name System) servers that contain mappings of domain names to IP addresses.

ZOMBIE COMPUTER

A computer that has been compromised by a hacker and is being controlled remotely, often as part of a botnet to carry out malicious activities.

@computerhardwaresoftwarenetworking
@all_computer_gyaan95

