

## Terms Beginning with A

Glossary of Terms

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### A Record

A DNS record used to route a domain to an IP address.

### Access Control List (ACL)

An authorization restriction mechanism that identifies users and groups about access permissions assigned to or rejected on an object.

### Access Point

Alternatively, a base station and an access point, called a wireless router, is a wireless receiver that allows the user to wirelessly connect to a network or Internet.

### Access Port

If the device to be connected to the switch port is a normal network user, such as a computer / network printer, the port is defined as Untag.

### Access Server

An Access Server is a networked computer that is set up and responsible for granting rights to other computers that are not members of its network.

### ACK

The process by which a connection is established through a protocol, the computer or device; is the confirmation message that the communication is completed.

### Active Topology

The term active topology describes a network topology in which the signal is amplified at each step as it passes from one computer to another.

### Acunetix

SQL Injection, Blind SQL Injection, Cross Site Scripting, CRLF Injection, Code execution, Directory Traversal, File Inclusion and Authentication bypass, such as a tool to find many types of web vulnerability reporting process.

### Address Resolution Protocol (ARP)

The ARP protocol is used to find the MAC address of a known device on the network.

### Adware

Software that automatically displays ads on your computer. When you use an application, ads will appear automatically on your computer.

## AES

It is a symmetric encryption algorithm that uses 128 to 256 bit key dimensions.

## Alert Situation

Any interruption in the organization reaches a critical level and when there is no solution to eliminate the interruption, this is the case.

## Anonymizing Proxy

Allows the user to hide web activity.

## Antenna

Wi-Fi is a wireless network that uses one of the IEEE 802.11 wireless standards to provide a wireless connection to a network.

## Anti-Malware

Commonly used for detecting or eliminating many malware threats, including computer viruses, worms, trojans, malicious browser add-ons, adware and spyware.

## Apple Talk Session Protocol

Apple Talk is used to communicate between clients and server computers.

## Application Layer

The application layer is programs that will use the network connection. For example: HTTP, FTP, SSH...

## Archie

It is a tool that allows the user to search the name of a particular file on all anonymous FTP servers registered to the user.

## ASCII

It is a 7-bit character set based on the Latin alphabet.

## Asymmetric Digital Subscriber Line (ADSL)

Asymmetric Digital Abbreviation for Subscriber Line. It is the most used connection technique for internet connection. It is a modem technology that can provide more data on audio and video communication at the same time through standard copper telephone wires.

## Asymmetric Digital Subscriber Line 2 (ADSL2)

It is the ADSL standard that allows clients to reach higher data rates and connect to more remote clients.

## Asynchronous Transfer Mode (ATM)

ATM is a network technology that enables the transmission of different types of data, such as audio, picture, video, into fixed data packets.

## Authentication

In order to perform certain operations, it means that the previously defined information is verified and the

user introduces himself to the system.

## Axis

A fixed line that is referenced to measure length or to determine locations.

## Class A IP Address

The first octet in the IP address is between 0 and 127, and the default subnet mask is 255.0.0.0. In other words, the first octet shows the network ID and the other three octets indicate the host ID.

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