# adz Transfer Protocol

## Overview

The `adz Transfer Protocol (aTP)` is an application layer protocol that can be used by a client to request an adz from a server.

## Transport Layer Protocol

aTP makes use of the user datagram protocol (UDP) at the transport layer.

## Ports

aTP servers "listen" on port 22801.

## Details

A client that wishes to receive an adz must send a UDP datagram (to a server) that has a payload containing the following three characters:

```
aTP
```

The server will respond (to the same address and port used by the client) with a UDP datagram that has a payload formatted as follows:

The first two characters contain the amount of time to wait before displaying the text of the advertisement (in seconds).

The remaining 38 characters contain the text of the advertisement.