

## IIS:

### What:

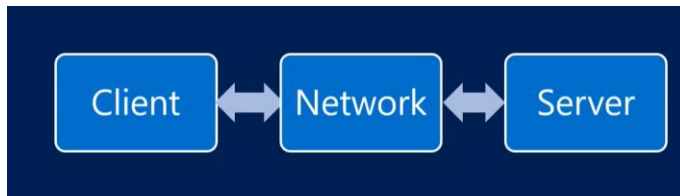
1. Web Server

### What it does:

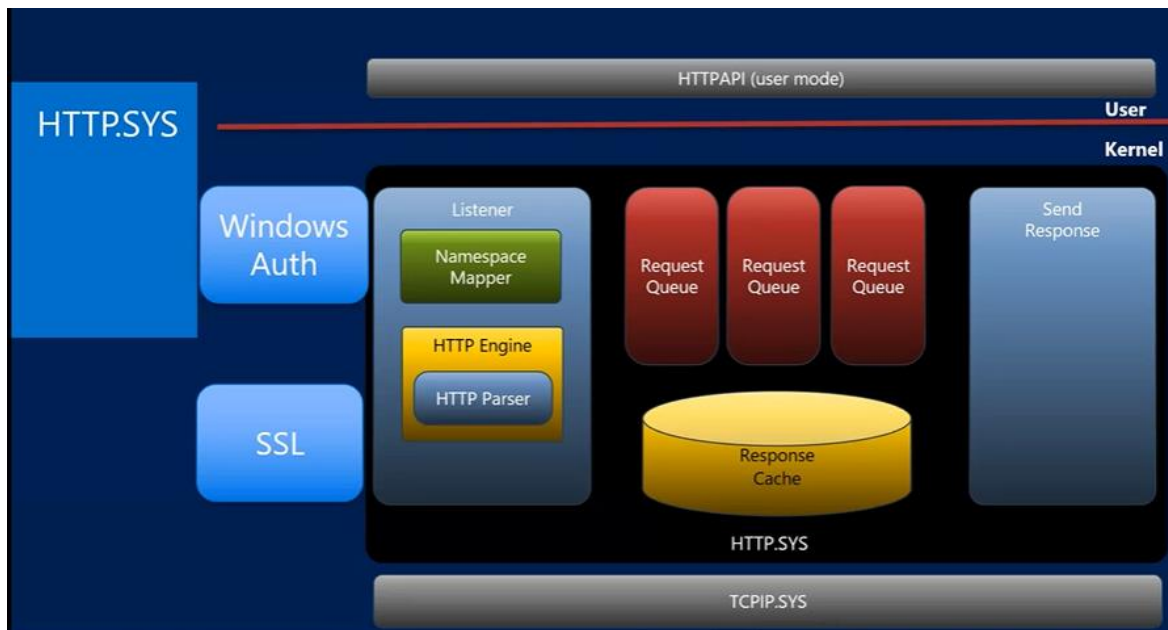
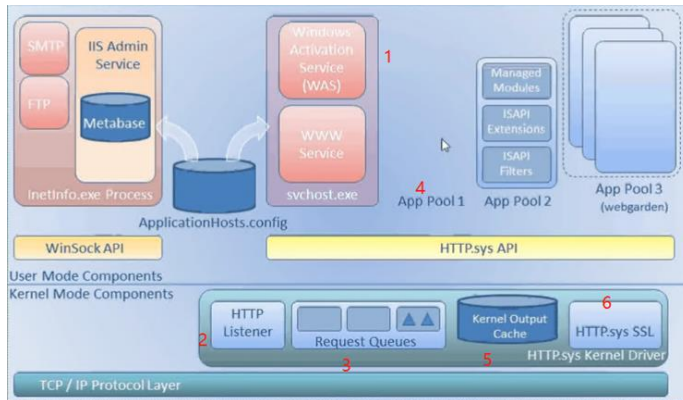
1. Serve Web site
2. FTP file share

## How IT works:

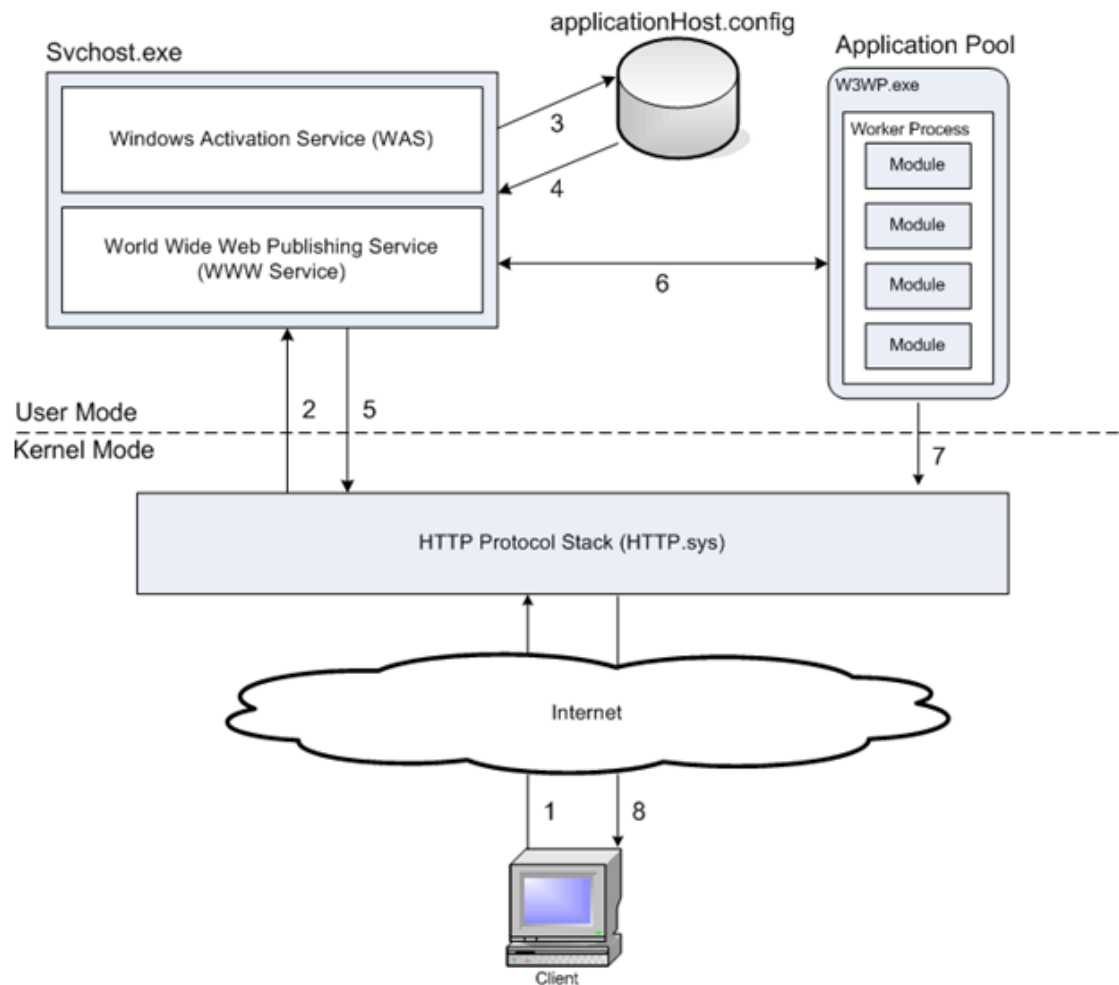
1. When you write: [www.microsoft.com](http://www.microsoft.com)
2. And Hit Enter



## How IIS Process the request:



## Steps How IIS Process the request:



1. When a client browser initiates an HTTP request for a resource on the Web server, HTTP.sys intercepts the request.
2. HTTP.sys contacts WAS to obtain information from the configuration store.
3. WAS requests configuration information from the configuration store, **applicationHost.config**.
4. The WWW Service receives configuration information, such as application pool and site configuration.
5. The WWW Service uses the configuration information to configure HTTP.sys.
6. WAS starts a worker process for the application pool to which the request was made.
7. The worker process processes the request and returns a response to HTTP.sys.
8. The client receives a response.

## How to read fail request tracing file:

### Why fail request tracing:

- Request tracing is a significant feature in IIS
- Request tracing determines what exactly is happening with the requests.
- Why it is happening,
- Help to reproduce the problem being experienced.

### Uses of fail request tracing file:

- Problems like poor performance on requests
- Authentication-related failures
- Server 500 error from ASP or ASP.NET

### Steps of collecting fail request-tracing file:

<https://docs.microsoft.com/en-gb/iis/troubleshoot/using-failed-request-tracing/troubleshooting-failed-requests-using-tracing-in-iis-85#enable-failed-request-tracing>

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