

## DNS UPDATE (Dynamic Updates in the Domain Name System)

Category	S/W Release Version	Date
General	6.069	30. Apr. 2003

### Function Description

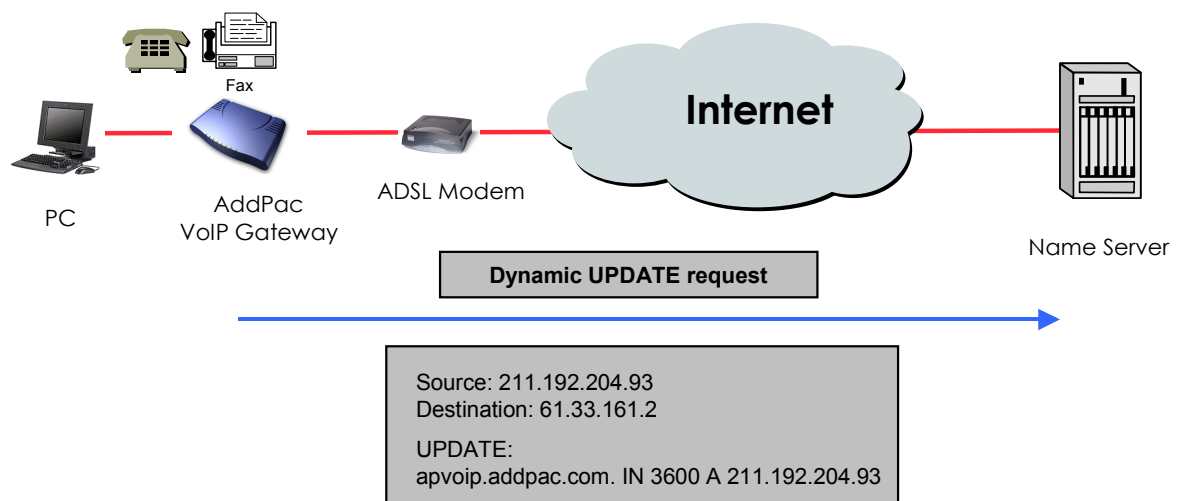
DNS UPDATE is used to submit Dynamic DNS Update requests as defined in RFC2136 to a name server. This allows resource records to be added or removed from a zone without manually editing the zone file. A single update request can contain requests to add or remove more than one resource record.

Zones that are under dynamic control via DNS UPDATE message should not be edited by hand. Manual edits could conflict with dynamic updates and cause data to be lost.

The resource records that are dynamically added or removed with DNS UPDATE have to be in the same zone. Requests are sent to the zone's master server.

The DNS UPDATE packet is sent to the name server when the interface IP address is changed.

### Basic Model Configuration



## Basic Configuration

### Command Line configuration example

```
nsupdate domain-name apvoip.addpac.com
```

```
nsupdate nameserver 61.33.161.2
```

```
nsupdate ttl 10
```

```
!
```

```
interface ether0.0
```

```
no ip address
```

```
encapsulation pppoe
```

```
ppp authentication pap callin
```

```
ppp pap sent-username ***** password *****
```

```
ppp echo interval 20
```

```
ppp ipcp ms-dns
```

```
ppp ipcp default-route
```

```
ip nsupdate
```

```
!
```