

For node signing and addressing in the internet the 32 bits number is used – known as IP address. Because the long numbers can be hardly memorize the abstract known as domain name is established. This abstraction transforms the domain name to the IP address via DNS (the reverse process is known as reverse DNS). But not everybody owns fixed awarded IP address, that is a problem. This situation is not true for the phone numbers (fixed or mobile phones), of course. The ENUM system which is introduced in this graduation theses uses the reverse DNS to save the information (web, e-mail, sip and other addresses, phone numbers for MMS routing and such like records) to the set phone or other number. After it you can send a query to the reverse DNS for the set phone number and by return you get the mentioned informations about the phone number. As addendum are implemented the applications (client and server) and web browser plug-in that can be used for ENUM system testing, using and exploiting.