

# Wake On LAN over Internet

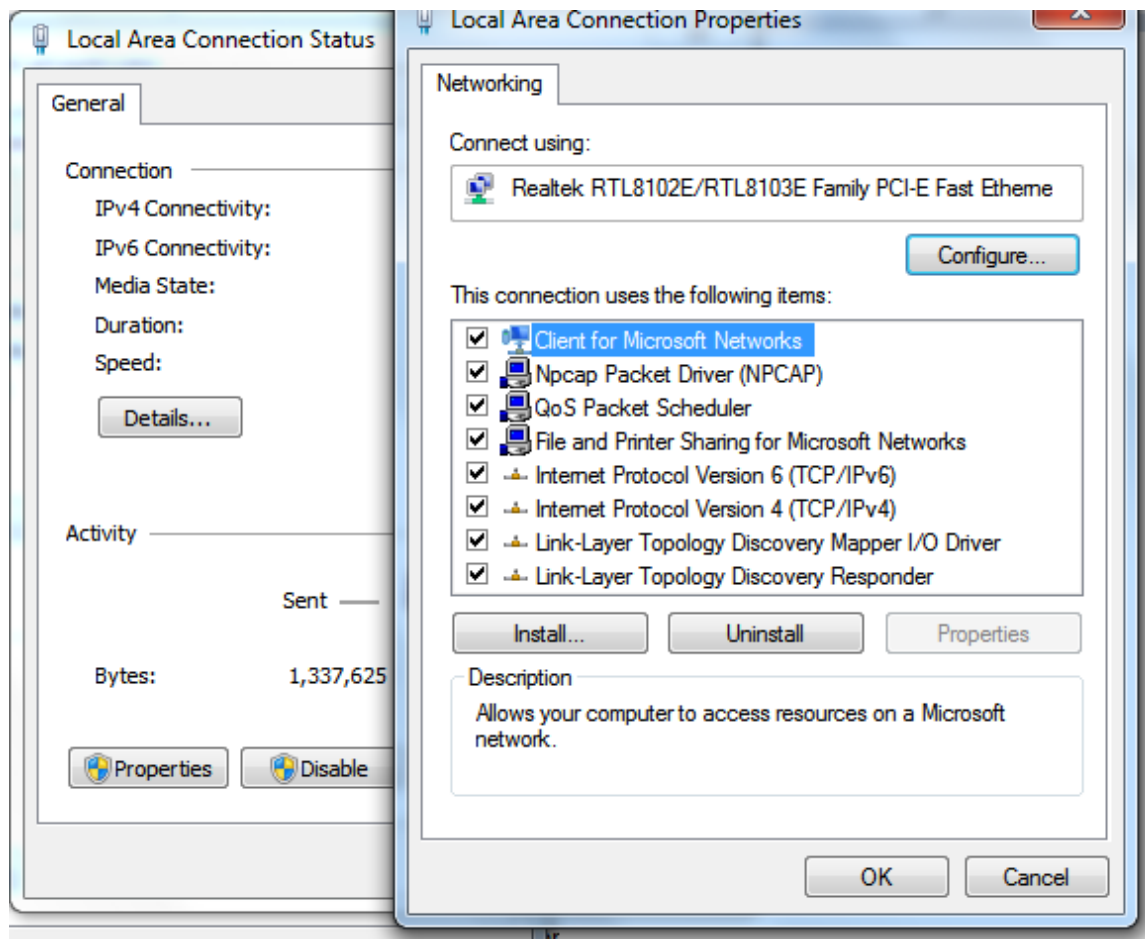
By:-Ayush Jain

For turning on the computer in shut down state it should have a active power supply and a Ethernet connection always

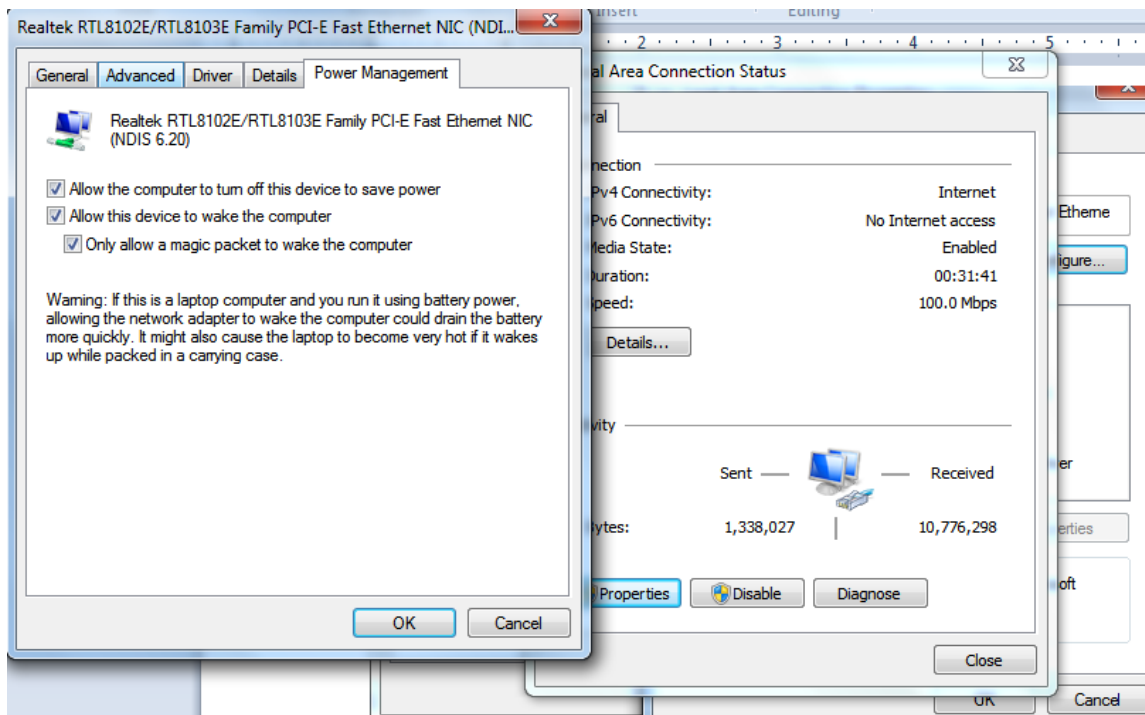
And then by sending a Magic packet to the computer it can be turned on through the UDP protocol

Step1:- Turn on wake on LAN in BIOS

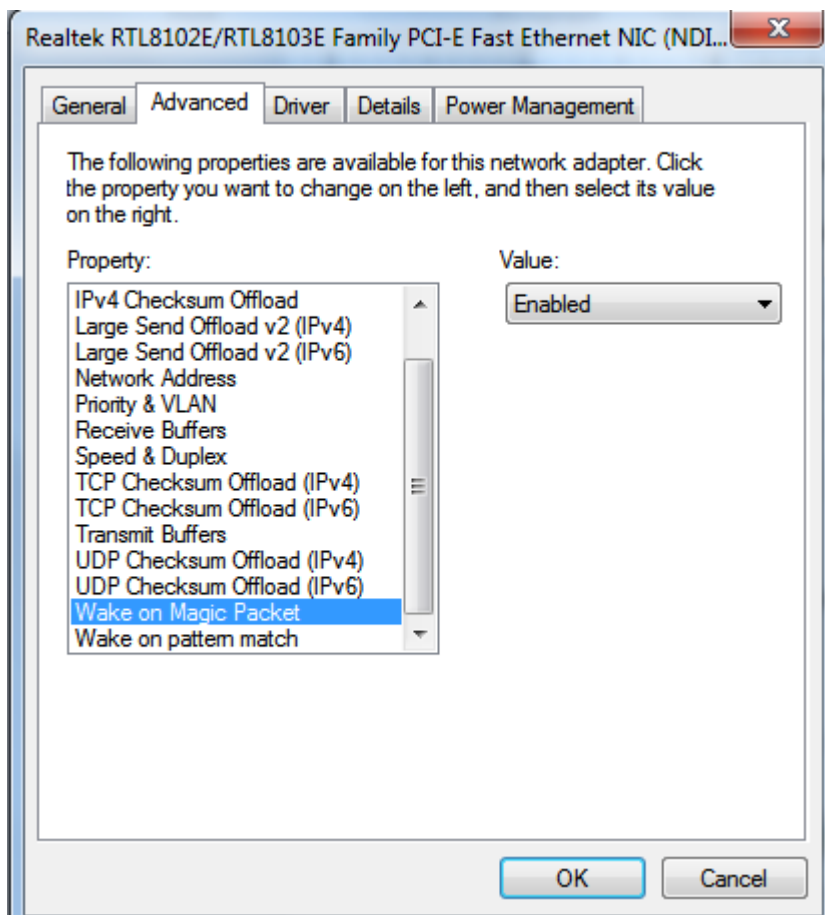
Step2:- In Ethernet properties -> configure -> Power Management ->



i) keep both options turned on



ii) In Advanced -> Wake on Magic Packet -- Enabled



Now wake on LAN is enabled in the local network

Download this application given below:-

<https://play.google.com/store/apps/details?id=co.uk.mrwebb.wakeonlan>

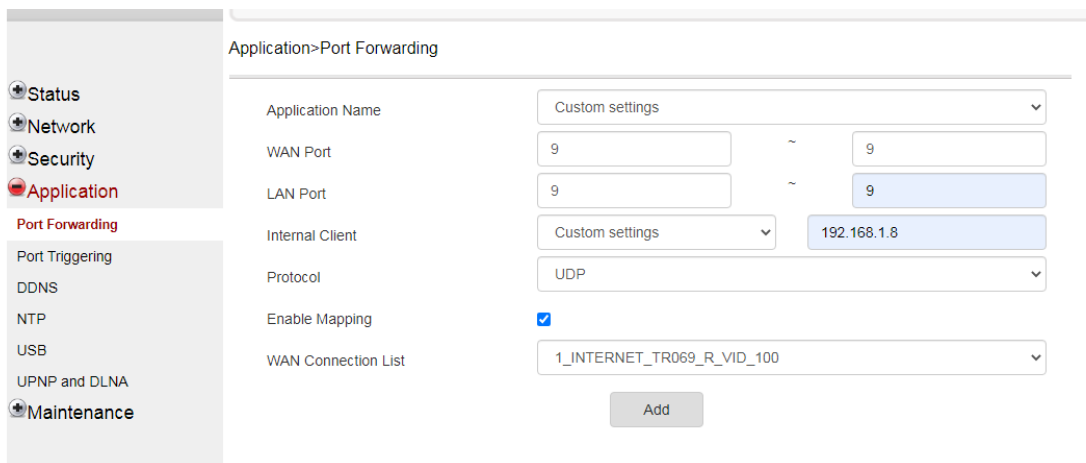
select LAN address in that in local address it will turn on

For over internet

Turn on your router Port forward

Port forward at port → 9

On the required IP address of the computer



The screenshot shows a router's web interface for port forwarding. On the left is a sidebar menu with options: Status, Network, Security, Application (highlighted in red), Port Forwarding, Port Triggering, DDNS, NTP, USB, UPNP and DLNA, and Maintenance. The main area is titled 'Application>Port Forwarding'. It contains the following fields: 'Application Name' (a dropdown menu set to 'Custom settings'), 'WAN Port' (input field with '9'), 'LAN Port' (input field with '9'), 'Internal Client' (a dropdown menu set to 'Custom settings' with a blue box containing '192.168.1.8' next to it), 'Protocol' (a dropdown menu set to 'UDP'), 'Enable Mapping' (a checked checkbox), and 'WAN Connection List' (a dropdown menu set to '1\_INTERNET\_TR069\_R\_VID\_100'). An 'Add' button is located at the bottom right of the configuration area.

After Port forward, using your router

Using these information's

Primary DNS

MAC Address

Subnet and

Port = 9

Download either mobile app (apk) or the UI app from given link

You can Turn on the computer over the internet by sending the Magic packet

<https://drive.google.com/drive/folders/1E5KByg1CAeDV0RSdzNsL7HDrB6NZgz7v?usp=sharing>

Depicus Wake On LAN Free

Mac Address  
[Redacted]

IP Address or FQDN  
[Redacted]

Subnet Mask  
255.255.255.255

Port  
9

Wake Up

1 2 3 [X]  
4 5 6 Done  
7 8 9 .-  
0 [Gear]

Wake On Lan - Magic Packet

Help

Mac Address [Redacted]  
Internet Address [Redacted]  
Subnet Mask 255.255.255.255  
Send Options Internet  
Remote Port Number 9

Wake Up

Magic Packet Sent To 223.226.124.233

