

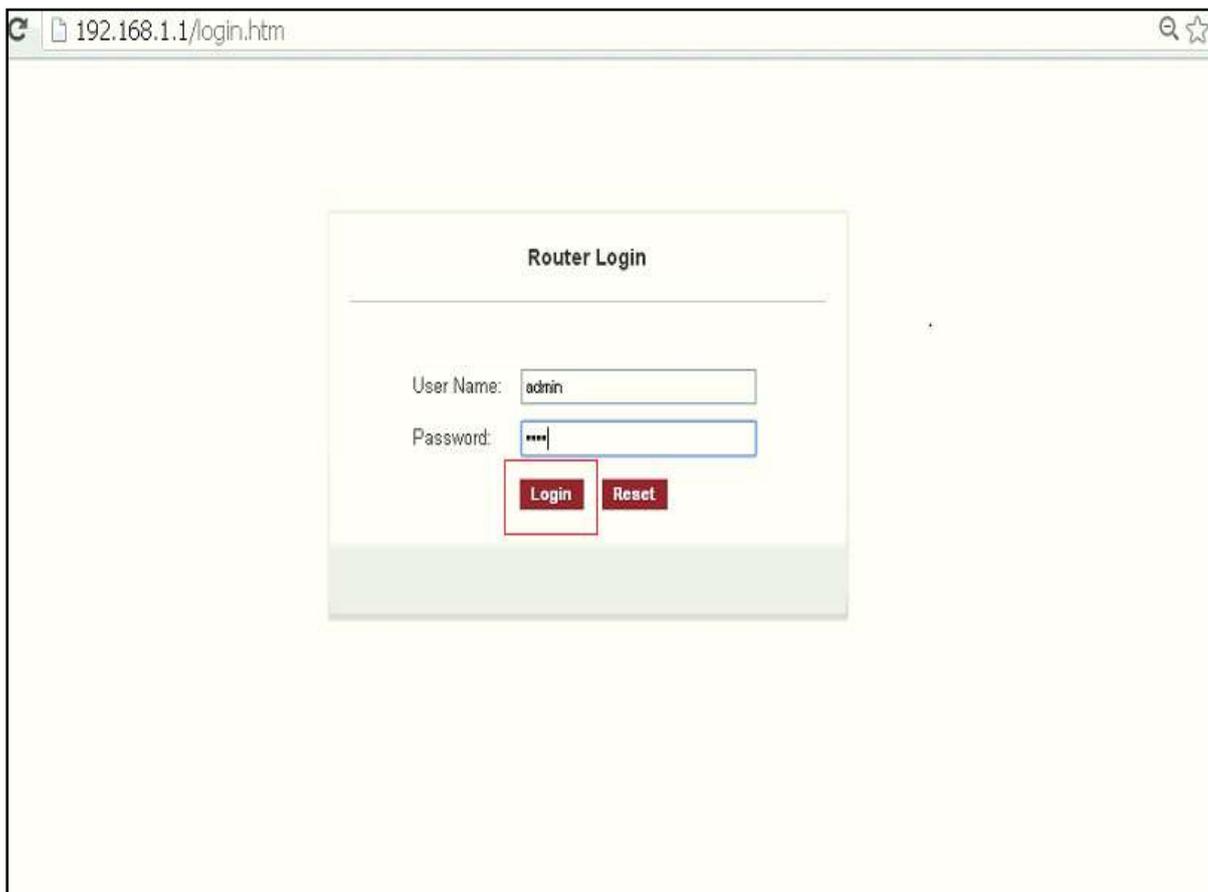
[HOW TO CONFIGURE DG-HR3420 FOR PORT FORWARDING](#)

Setup: ISP----->(WAN)DG-HR3420(192.168.1.1) (LAN)----->PC(192.168.1.100)

STEP 1: ACCESSING THE WEB CONFIGURATION PAGE INSIDE THE ROUTER

Open the configuration page of the router by typing <http://192.168.1.1> in a web browser. We recommend this one time configuration to be done using [Internet Explorer](#).

Enter the username as [admin](#) and password as [1234](#) and click on Login



STEP 2: CONFIGURE SERVICE AND IP ON THE DEVICE.

In this example, we will open ports for a computer which will need to be accessed over the internet through RDP.

Before configuring port forwarding on the router, it is required to configure the service on the device for which port needs to be opened.

1. Enable RDP Service on the PC
2. Configure the PC with a Static LAN card in the same range as the router.

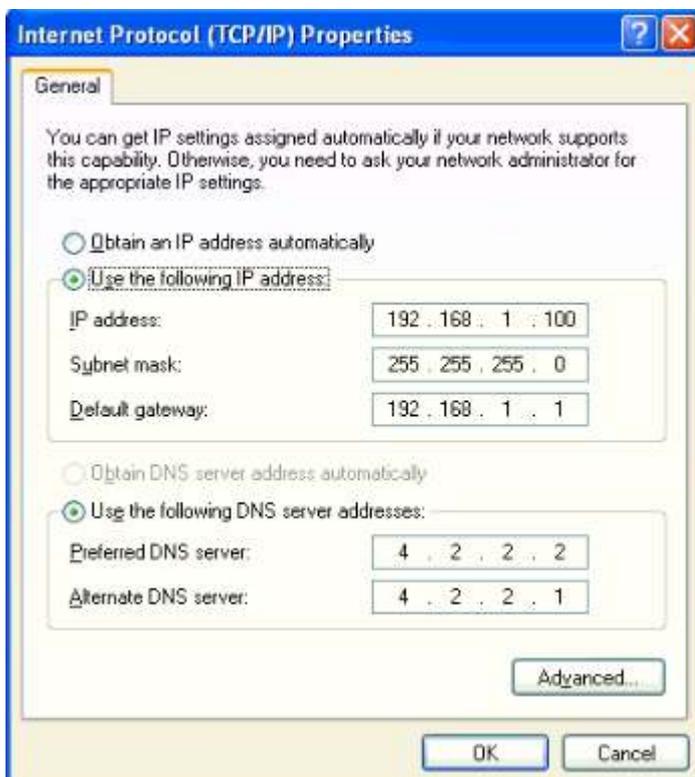
In this example we have assigned IP on the LAN card of the PC as below:

IP Address: 192.168.1.100 (In the same subnet of the router)

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.1 (IP of the router)

DNS: 4.2.2.2 / 4.2.2.1 (As per ISP)



STEP 3: CONFIGURE THE PORT FORWARDING

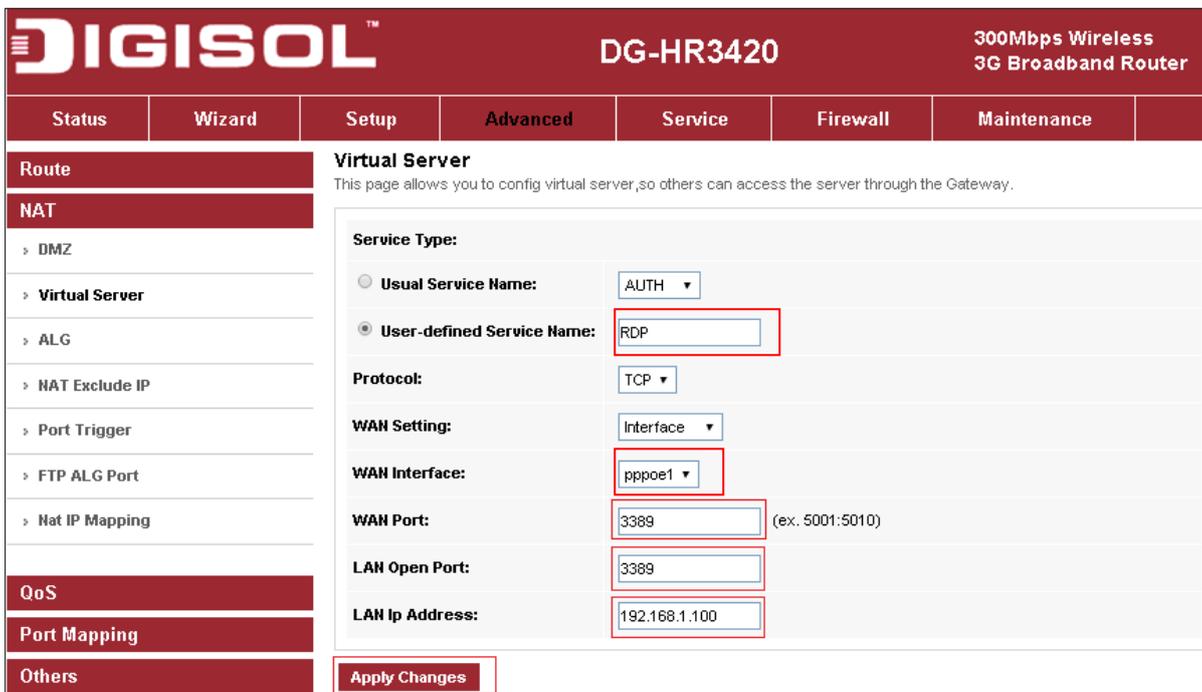
Click on [Advanced](#) > [NAT](#) > [Virtual Server](#)

Under [Virtual Server](#) > Select Service Type as [User defined Service Name](#)

(Define any name in User defined service name like :- Eg RDP, Remote Server Etc)

Select [WAN Interface](#) as [PPPoE1/any](#) (Based on WAN type)

Enter [WAN Port](#) , [LAN Open Port](#) Which you want to open (Eg-WAN Port-3389 , LAN open port-3389)



DIGISOL™ DG-HR3420 300Mbps Wireless 3G Broadband Router

Status	Wizard	Setup	Advanced	Service	Firewall	Maintenance
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Virtual Server
This page allows you to config virtual server,so others can access the server through the Gateway.

Service Type:

Usual Service Name: AUTH

User-defined Service Name: RDP

Protocol: TCP

WAN Setting: Interface

WAN Interface: pppoe1

WAN Port: 3389 (ex. 5001:5010)

LAN Open Port: 3389

LAN Ip Address: 192.168.1.100

[Apply Changes](#)

Click on [Apply Changes](#)

STEP4: ACCESSING OVER THE INTERNET

Under [Current Virtual Server Forwarding Table](#) you will get port status



DG-HR3420
300Mbps Wireless
3G Broadband Router

Status
Wizard
Setup
Advanced
Service
Firewall
Maintenance

Route

NAT

- › DMZ
- › **Virtual Server**
- › ALG
- › NAT Exclude IP
- › Port Trigger
- › FTP ALG Port
- › Nat IP Mapping

QoS

Port Mapping

Others

Virtual Server

This page allows you to config virtual server,so others can access the server through the Gateway.

Service Type:

Usual Service Name: AUTH ▾

User-defined Service Name:

Protocol: TCP ▾

WAN Setting: Interface ▾

WAN Interface: pppoe1 ▾

WAN Port: (ex. 5001:5010)

LAN Open Port:

LAN Ip Address:

Apply Changes

Current Virtual Server Forwarding Table:

ServerName	Protocol	Local IP Address	Local Port	WAN IP Address	WAN Port	State	Action
RDP	tcp	192.168.1.100	3389-3389	pppoe1	3389-3389	Enable	<input type="button" value="Delete"/> <input type="button" value="Disable"/>

You can use third party tools to check if the port shows over the WAN IP. Once the port is open, you can access the device over the internet.