

Quick Setup Guide

On-Premise Hardware Controller

COPYRIGHT INFORMATION

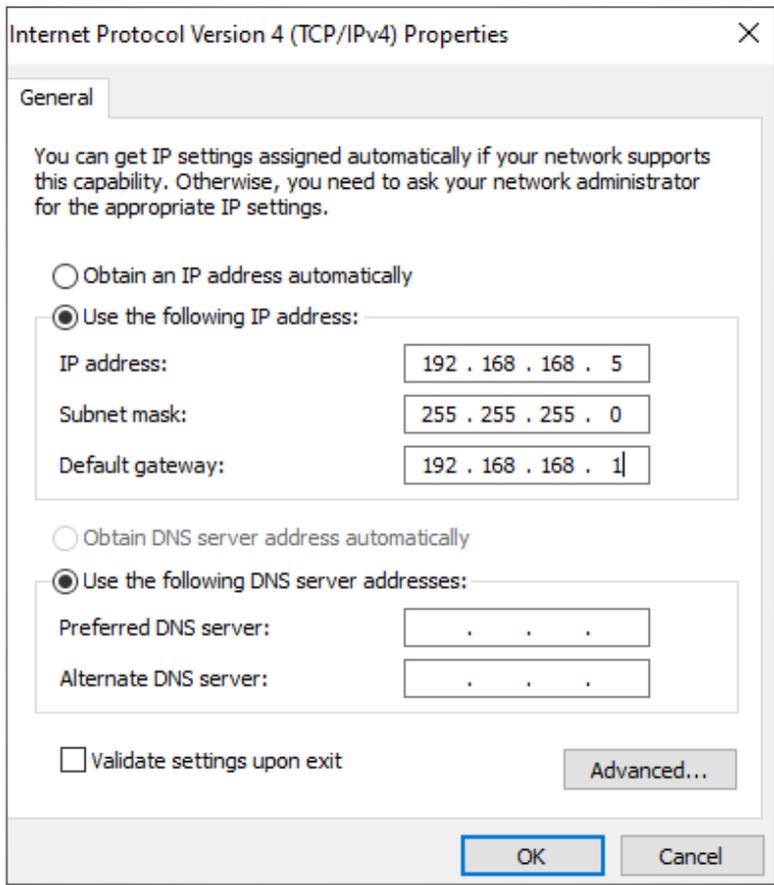
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PREREQUISITES

Specification	Hardware		
	QN-RR-200	QN-RR-300	QN-RR-400
Power Supply	12 V DC, 3.34 A	12 V DC, 5 A	12 V DC, 25 A

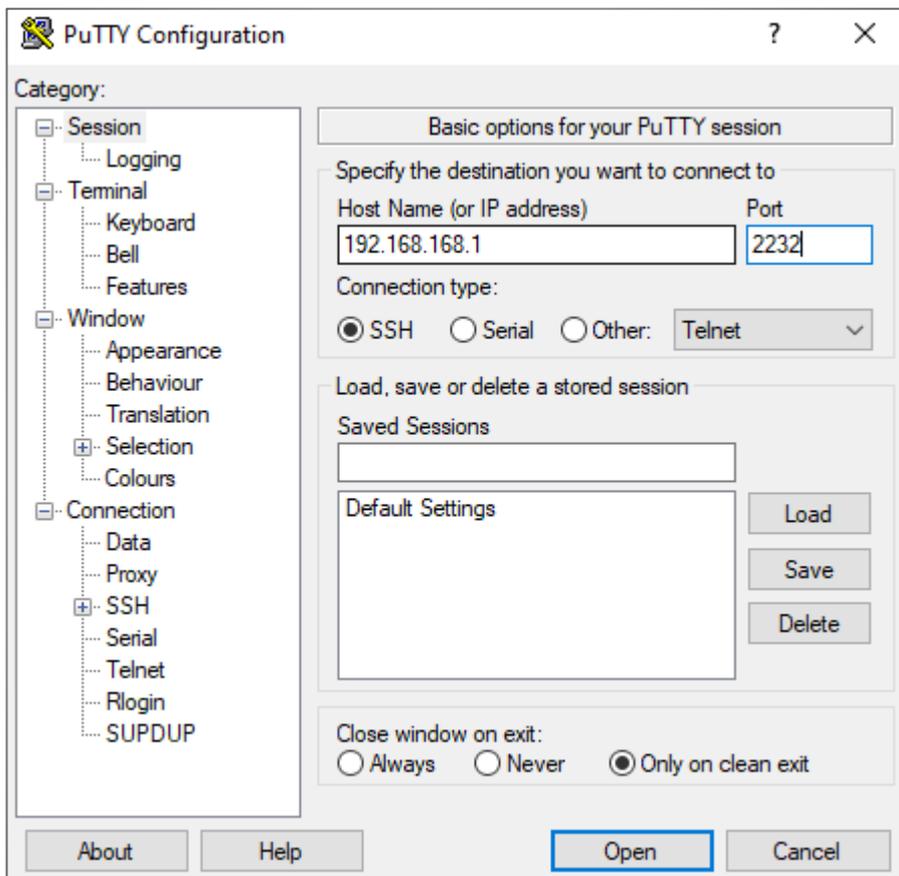
SET-UP INSTRUCTIONS

- o Install a Hardware controller in your network and connect it to the WAN port to provide Internet access.
- o Connect port number 6/8 of the controller to a PC or laptop device using a direct one-to-one connection.
- o Provide the following static IP details to the device.
 - o IP Address: 192.168.168.5
 - o Subnet: 255.255.255.0
 - o Default Gateway: 192.168.168.1



Go to SSH and provide the following details.

- o Host IP address: 192.168.168.1
- o Port: 2232



- o Now, use the following credentials to log in:
 - o User ID: netadmin
 - o Password: netadmin@123



- o By using command "ip r" on the controller, you can retrieve the IP address details obtained from the network.

```
login as: netadmin
Pre-authentication banner message from server:
| Ubuntu 20.04.6 LTS
End of banner message from server
netadmin@10.1.1.154's password:
Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.4.0-101-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Fri 24 May 2024 09:39:46 AM UTC

System load:  0.1          Processes:    286
Usage of /home: 5.5% of 19.5GB  Users logged in: 1
Memory usage:  43%        IPv4 address for br0: 10.1.1.154
Swap usage:    0%

 * Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
  just raised the bar for easy, resilient and secure K8s cluster deployment.

https://ubuntu.com/engage/secure-kubernetes-at-the-edge

Expanded Security Maintenance for Applications is not enabled.

28 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

14 additional security updates can be applied with ESM Apps.
Learn more about enabling ESM Apps service at https://ubuntu.com/esm

The list of available updates is more than a week old.
To check for new updates run: sudo apt update
New release '22.04.3 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Fri May 24 07:38:34 2024 from 192.168.7.220
netadmin@qtnmnet:~$ ip r
default via 10.1.1.1 dev br0 proto dhcp metric 425
10.1.1.0/24 dev br0 proto kernel scope link src 10.1.1.154 metric 425
netadmin@qtnmnet:~$
```

For example, the controller has used IP 10.1.1.154.

You can use a web browser to navigate this IP address to access the quick setup login page for the controller.



The page displays Device Information, including Device Model, Serial Number, MAC address, and Firmware Version. Click on "Start Configuration" to proceed with the configuration process.

You will be taken to the "General Setting" page.



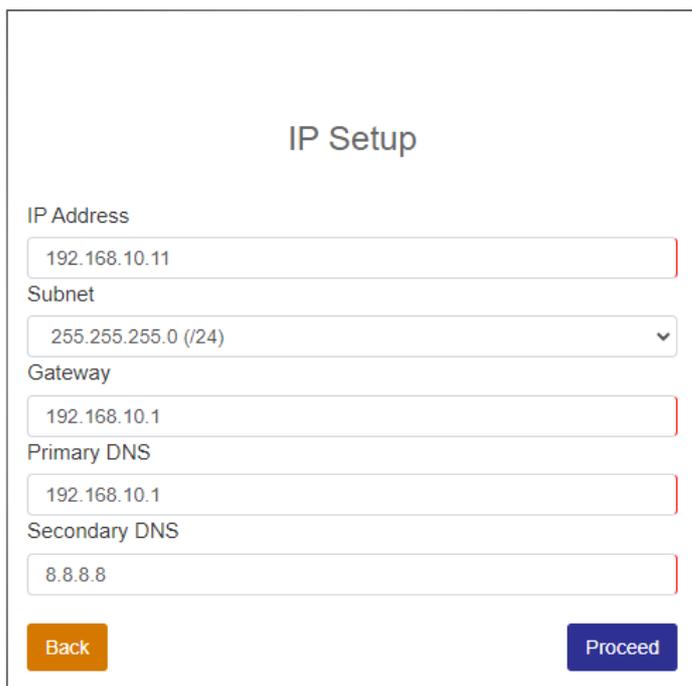
General Setting

Country
India

Timezone
Asia/Kolkata(GMT+5:30)

Back Proceed

Here, you can select your country and time zone. The default is India. Select the Kolkata time zone, click on "Proceed" to proceed further.



IP Setup

IP Address
192.168.10.11

Subnet
255.255.255.0 (/24)

Gateway
192.168.10.1

Primary DNS
192.168.10.1

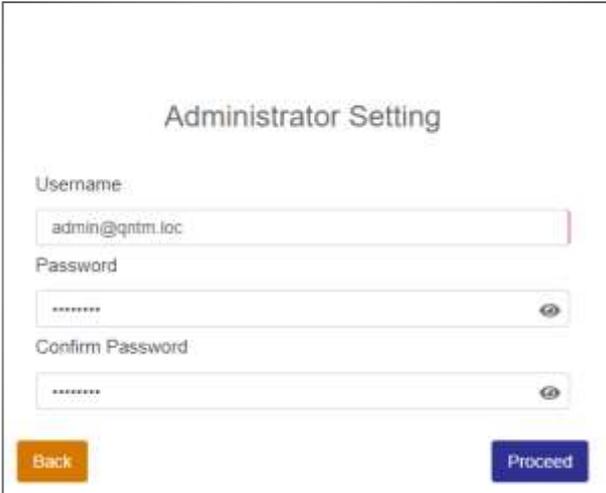
Secondary DNS
8.8.8.8

Back Proceed

It will bring up the "IP Setup" page. Enter the IP address, Subnet, Gateway IP, Primary DNS and Secondary DNS details in the respective fields as per your network setup.

Click on "Proceed" once done.

You will be moved to the "Administrator Setting" page, where you can set your login credentials.



Administrator Setting

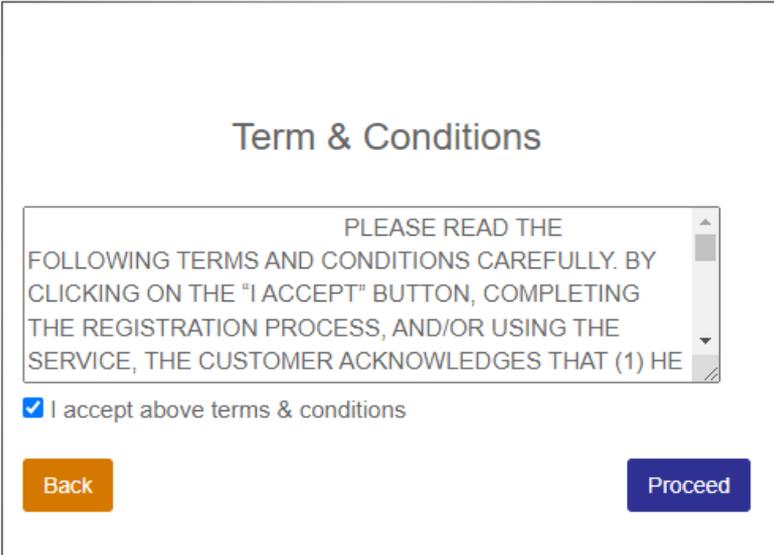
Username:
admin@qntm.loc

Password

Confirm Password

Back Proceed

Enter the Username and Password in the respective fields and re-enter your password in the "Confirm Password" field. Click "Proceed" to continue.



Term & Conditions

PLEASE READ THE FOLLOWING TERMS AND CONDITIONS CAREFULLY. BY CLICKING ON THE "I ACCEPT" BUTTON, COMPLETING THE REGISTRATION PROCESS, AND/OR USING THE SERVICE, THE CUSTOMER ACKNOWLEDGES THAT (1) HE

I accept above terms & conditions

Back Proceed

You'll be directed to the "Terms & Conditions" page. Please read the terms and conditions carefully. Once done, check the "I accept above terms & conditions" field and click "Proceed" to continue.

Configuration Summary	
Device Model	QDU-9V-1000
Serial No.	1211728F-4673
MAC Address	08:00:27:0F:46:73
Firmware Version	v7.3.3.3
IP Address	192.168.10.11
Subnet	255.255.255.0/24
Gateway	192.168.10.1
Primary DNS	192.168.10.1
Secondary DNS	8.8.8.8

[Reconfigure](#) [Finish](#)

The final step brings you to the "Configuration Summary" page, where the overall configuration details are displayed.

To complete the configuration, click on "Finish".

To reconfigure, click on "Reconfigure".

Navigate to the IP address "10.1.1.154" to access the RUDDER login page. Enter your credentials in the appropriate fields to open the controller page.



The image shows the Quantum Rudder Network and Services Controller login page. At the top, the logo for Quantum Rudder is displayed, with "QUANTUM" in a smaller font above "RUDDER" in a large, bold, blue font. Below "RUDDER" is the text "Network and Services Controller". In the center, there is a lock icon followed by the text "Controller Login". Below this, there is a text input field labeled "Username" with a small envelope icon on the right side. At the bottom, there is a large blue button with the text "Next" in white.