

## S03 – Quick Start Guides RADIUS Server Quick Start Guide

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Azotel Technologies Ltd,  
3<sup>rd</sup> Floor, River House,  
Blackpool Park,  
Cork,  
Republic of Ireland.

Azotel Canada Inc.  
325 Vulcan Avenue  
NS B1P 5X1  
Sydney  
Canada

Azotel Poland  
PLAC Powstancow  
Slaskich 17A/222  
53-329  
Wroclaw  
Poland

Phone (EMEA): +353-21-234-8100  
Phone (North America): +1-312-239-0680 / +1-902-539-2665  
Phone (Poland): +48-71-710-1530  
Phone (UK): +44-20-719-3417  
Phone (South Africa): +27-11-083-6900  
Fax: +353-21-467-1699  
[info@azotel.com](mailto:info@azotel.com)

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Fig. 2.2.1 Edit eth0 details with vi

3. Press the **'Insert'** key on your keyboard to change vi mode to edition.
4. Alter IP details to match your network. Note that you should use a Public IP address on the RADIUS server as Azotel engineers will need to access it remotely.
5. Press **'ESC'** key on your keyboard to escape from the edition mode in vi editor.
6. Type **:wq!** To save settings and exit from vi editor.
7. To restart network interfaces type: **/etc/init.d/network restart**

```
[root@localhost ~]# /etc/init.d/network restart
Shutting down interface eth0:                [ OK ]
Shutting down loopback interface:           [ OK ]
Disabling IPv4 packet forwarding: net.ipv4.ip_forward = 0 [ OK ]
Bringing up loopback interface:             [ OK ]
Bringing up interface eth0:                [ OK ]
[root@localhost ~]# █
```

Fig. 2.2.2 Restart network interface

## 2.3 Test IP connectivity

1. Type the command below to test the IP connectivity of the server:

```
ping 84.203.220.3 -c 1
```

```
[root@localhost ~]# ping 84.203.220.3 -c 1
PING 84.203.220.3 (84.203.220.3) 56(84) bytes of data.
64 bytes from 84.203.220.3: icmp_seq=1 ttl=128 time=136 ms

--- 84.203.220.3 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 136.468/136.468/136.468/0.000 ms
[root@localhost ~]# █
```

Fig. 2.3.1 Ping test results

2. The ping test is successful if the results state that there was at least 1 packet received. If the ping test is successful proceed to point 2.4 of this guide, otherwise perform the following checks and re-run the ping test:
  - Check if the Ethernet cable is connected properly and the lights on the interface port are lit both on the RADIUS server and the network device server is connected to (i.e. switch)
  - Go through the 2.2 steps again making sure that the IP details used to update server with are correct.

## 2.4 Send email to Azotel

Send an email to Azotel support mailbox (support@azotel.com) to notify Azotel about the RADIUS server pre-setup being complete. Make sure to pass on IP details of the server in the email. Azotel team will check if there is a remote connection to the RADIUS server and start the second phase of the RADIUS server setup. Note that the preferred, email minimal format is following:

**Email Subject:**

[operator] RADIUS server pre-setup complete

**Email Body:**

IP: X.Y.Z.A

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## Annex A: Change history

Change history				
Date	Author(s)	Subject/Comment	Old	New
01-05-13	GAWL	Draft	n/a	001
10-05-13	Emma	Document Updated	001	002
15-05-13	oharej	Default password changed to "azotel".	002	003
18-06-13	Paul	Changed doc's title, copyright and correct year, doc num on all pages	003	100
05-12-13	emma	Added note on SIMPLer servers to scope	100	101

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