# BANDIT III Quick Configuration Guide

## 3rd of 3 QuickStart Guides for the BANDIT III

The BANDIT II™ and the BANDIT III™ are ROHS-compliant devices in the BANDIT™ product family. The chassis also have models that been hardened for performance in environmentally harsh conditions.

Figure 1 illustrates a sample satellite network. The diagram has blanks for IP addresses. You can fill these blanks with information for configuring the network devices.
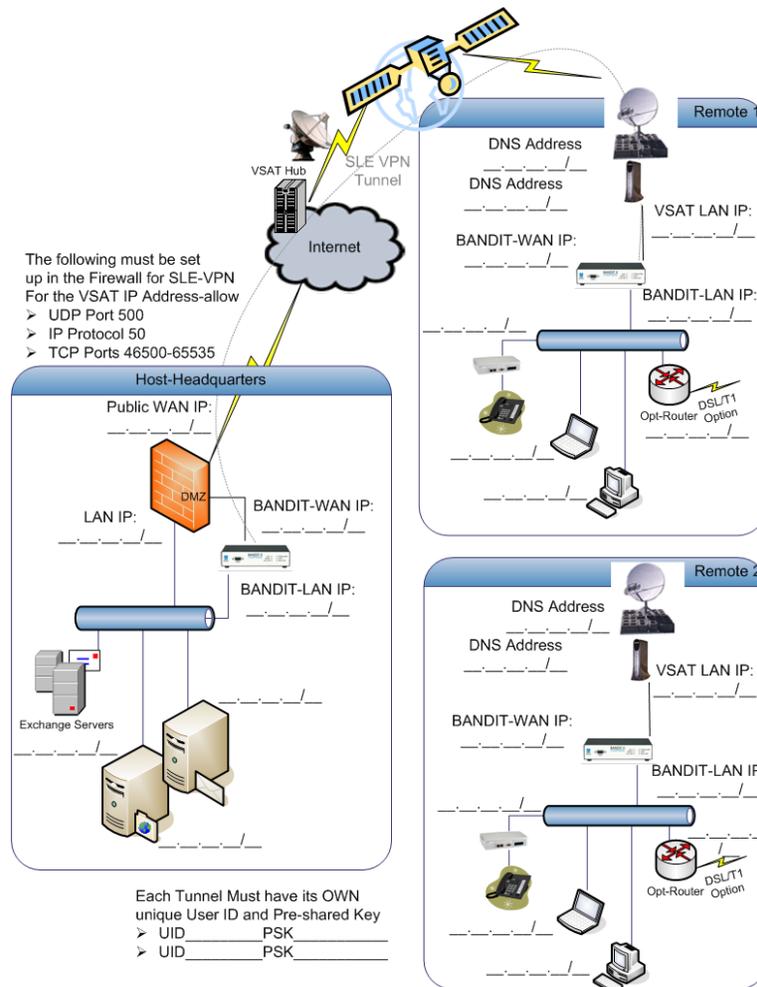


*Figure 1. Sample Satellite Network*

*For information on trademarks, safety, limitations of liability, and similar topics, see* Notices.

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Document 3

## *Configuring the Initiating Device*

**1**   On the initiator unit, log into the BANDIT. After the Main Menu has been displayed, select:

  `Quickstart Config Builder`

**2**   Then select:

  `GENERIC`

**3**   Then select:

  `Ethernet WAN VPN Gateway (Initiator)`

**4**   Then configure the parameters as shown below.

```
Startup Configuration Parameters

-------------------------------

1) System Name : (Give any name here)

2) LAN Interface IP : (Give Lan IP and subnet here)

3) WAN Interface IP : (Give Wan IP and subnet here)

4) Primary DNS Server : (Give your DNS IP address here)

5) VPN Gateway : (The VPN Gateway address is the WAN IP address of the
TERMINATING Bandit II or 111)

6) VPN User ID : (Enter VPN User ID here. NOTE: They MUST match on both
Bandit II or III units)

7) VPN Pre-Shared Key : (Enter VPN Pre-Shared Key here. NOTE: They MUST
match on both Bandit II 0r III units)

8) Remote Ping/Subnet : (The Remote Ping/Subnet is the LAN IP address
of the Terminating Bandit II or Bandit III)
```

**5**   After parameters 1 to 8 (listed above) have been configured, choose:

  `L) Load Above Config`

**6**   Then select:

  `Y)Yes`

**7**   Then select:

  `R)Reset`

**8**   Then select:

  `Y) Yes`

**9**   Press the ENTER key on your keyboard. You will see the following message.

  `Unit resetting.`

## *Configuring the Terminating Device*

**1**  On the terminating unit, log into the BANDIT. After the Main Menu has been displayed, select:

```
QuickStart Config Builder
```

**2**  Then select:

```
GENERIC
```

**3**  Then select:

```
Ethernet WAN VPN Gateway (Terminator)
```

**4**  Then configure the parameters as shown below.

```
Startup Configuration Parameters

-------------------------------

1) System Name : (Give any name here)

2) LAN Interface IP : (Give Lan IP and subnet here)

3) WAN Interface IP : (Give Wan IP and subnet here)

4) VPN User ID : (Enter VPN User ID here. NOTE: They MUST match on both
Bandit II or III units)

5) VPN Pre-Shared Key : (Enter VPN Pre-Shared Key here. NOTE: They MUST
match on both Bandit II or III units)
```

**5**  After parameters 1 to 5 (listed above) have been configured, choose:

```
L) Load Above Config
```

**6**  Then select:

```
Y)Yes
```

**7**  Then select:

```
R)Reset
```

**8**  Then select:

```
Y) Yes
```

**9**  Press the ENTER key on your keyboard. You will see the following message.

```
Unit resetting.
```

**10**  Now get back to the Main Menu of the terminating unit and choose:

```
2) Typical Configuration
```

**11**  Then select:

```
5) IP/VPN Policies
```

**12**  Then select:

```
2) Policy Table
```

**13** Then select:

```
M)Modify entry #1
```

**14** Go to DESTINATION ADDRESS (LOW) and also DESTINATION ADDRESS (HIGH) and enter the COMPLETE subnet range of the INITIATOR's LAN range.

**15** Once you have entered this information, press the ESC key. If it asks to SAVE CHANGES, press Y)YES.

**16** Keep pressing the ESC key back to the Main Menu. Then select WRITE and RESET.

At this point, the configuration is done.

## Notes

If you have a firewall or a router in front of the BANDIT devices, make sure the following ports are opened in both directions:

- IP Protocol 50
- UDP Port 500
- TCP Ports 46500 through 65535

## Statistics

**1** After both units are completely configured and reset, get to the Main Menu for one of them, and choose:

```
S) Statistics
```

**2** Then select:

```
V) VPN
```

**3** Look at the bottom of the first screen and see "Number of Tunnels Up." It should be 1.

**4** Press the spacebar to get to the second page and look up at the top at the MINUTES and SECONDS.

**5** Keep refreshing the screen by pressing your spacebar and monitor this until it gets passed the 2 minute, 5 second mark.

   **Note:** If the tunnel stays up after that point you are good to go. If it drops after 2 minutes and 5 seconds you still have items to address in the network.

## Additional Configuration

After you have done this, if you want to add subnets from the HQ side to the Remote side, perform the following procedures.

## A  More Configuration on the Remote Unit

**1** On the Main Menu, select:

```
2) Typical Config
```

**2**   Then select:

    5) IP/VPN Policies

**3**   Then select:

    2) Policy table

**4**   Then select:

    C) Copy # 1 and insert before #2

**5**   Then select:

    M) Modify #2

**6**   Change the Destination address (Low and High) to that of the other subnet, at the HQ side.

**7**   Add more entries to the policy table, if needed.

**Note:**   Make sure the ALLOW ALL entry stays at the bottom of this list.

**8**   Once you are done, press ESC. If it prompts you to SAVE CHANGES, press Y) YES.

**9**   ESC back to the Main Menu and WRITE and RESET unit.

## B  More Configuration on the HQ Device

**1**   On the Main Menu, select:

    2) Typical Config

**2**   Then select:

    3) IP Static Routes

**3**   Then select:

    A) Add

**4**   Add a route in here pointing to the other subnet, enter that subnet mask, and the next hop router to get there.

**5**   ESC back to Typical Configuration menu. Select the following:

    5) IP/VPN Policies

**6**   Then select:

    2) Policy table

**7**   Then select:

    C) Copy # 1 and insert before #2

**8**   Then select:

    M) Modify #2

**9**   Change the SOURCE address (Low and High) to that of the other subnet, at the HQ side.

**10**  Add more entries to the policy table, if needed.

**Note:**  Make sure the ALLOW ALL entry stays at the bottom of this list.

**11**  Once you are done, press ESC. If it prompts you to SAVE CHANGES, press Y) YES.

**12**  ESC back to the Main Menu and select WRITE and RESET unit.


**Note:**  Also see the *BANDIT II and BANDIT III Expanded Configuration Guide*.