

ByteBlower Patch Instructions

Instructions to apply the ByteBlower Server patches

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Defects fixed

Two fixes were not included in the latest update of the ByteBlower server code, although known and fixed.

This patch will fix these two issues:

- The Linux kernels delivered packets out of sequence on intel based network cards (e1000). This caused incorrect out-of-sequence numbers in ByteBlower tests.
This issues is fixed with a new kernel config.
- When trying to update the ByteBlower server, the server complains that it can't find the dongle during the update process. This is only occurring in combination with recent dongle type. This is fixed by installing the latest dongle software.

Who/when to apply the patch

It is advised that everybody applies this patch. If the server is not yet upgraded to the latest release, it is advised to apply the patch before upgrading. If the system is already up to date, (version 1.2.2) it is still advised to apply the patch.

Instructions to apply the ByteBlower patch file

1. Copy the server_patch.tar.gz to the ByteBlower server with IP <BYTEBLOWER_IP>:

Using linux:

```
scp server_patch.tar.gz root@<BYTEBLOWER_IP>:.
```

Using Windows:

You can use winSCP to copy the image to '/root' on the ByteBlower server

2. Log in to the ByteBlower server:

Using Linux:

```
ssh -l root <BYTEBLOWER_IP>
```

Using Windows:

You can use PuTTY (using SSH) to log in to the server

default ByteBlower server password is: byteblower2007

3. On the ByteBlower server, unpack the patch:

```
tar -xzf ./server_patch.tar.gz
```

4. On the ByteBlower server, run the patch script:

```
cd server_patch/  
./server_patch.sh
```

5. You can now remove the server_patch directory, if you want.
6. Reboot the server to apply the changes.

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