Serial Shell - Accessing the Jace platform using Serial Shell

There are times when you may need to access the Jace platform thru the serial shell method.

Possible scenario;

1) If you forget the platform username or password, you can RESET the Jace platform back to the factory default username and password.

2) Scenario; where the Lan 1 IP port fails and the Lan 2 IP is disabled. Though the serial shell, you can re-configure the IP enable and re-address the ports.

Every Jace has a “system shell” providing low-level access to a few basic platform settings. Those settings include;

1. Update System Time
2. Update Network Settings (this is where you modify the IP address)
3. Ping Host
4. Enable / Disable FTP
5. Enable / Disable Telnet
6. Update Platform Account
7. Reboot
IP Address

A new Jace from the factory is pre-configured with an IP address.

Jace 2 and Jace 6 series IP address; 192.168.1.12n

Where “n” is the last number of the Jace serial number

This applies to primary Lan 1 port.

Lan 2 port is disabled (factory default)

Default Subnet Mask; 255.255.255.0

(You can also change the IP address settings during the commission process.)

Platform daemon credentials

The default Jace Platform sign-on credentials are;

<table>
<thead>
<tr>
<th>Username</th>
<th>Password</th>
</tr>
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<tbody>
<tr>
<td>EC-BOS</td>
<td>distech</td>
</tr>
<tr>
<td></td>
<td>controls</td>
</tr>
<tr>
<td>Webs</td>
<td>tridium</td>
</tr>
<tr>
<td></td>
<td>niagara</td>
</tr>
<tr>
<td>Webs</td>
<td>honeywell</td>
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<tr>
<td></td>
<td>webs</td>
</tr>
<tr>
<td>Johnson</td>
<td>jci</td>
</tr>
<tr>
<td></td>
<td>explorer</td>
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</table>
Serial Shell

Using a special Power-Up mode, you can access the serial shell using a 9 pin null modem cable via the onboard RS-232 port. The null modem cable needs to have 9 pin Female connectors on both ends F-F.

During Serial Shell Mode the Com 1 port on the Jace is overridden.

Steps to access the Jace Platform using the serial shell

1) Remove power from the Jace
2) Disconnect the battery
3) Place the jumper in the Serial position
4) Connect a 9 pin null modem cable from your laptop to the Jace RS-232 port
5) Start Hyper Terminal in Windows on your laptop
6) Setup the connection in Hyper Terminal

Choose your connection  Com 1  Com 2  etc...

Baud rate  115200  (for Jace 2 and Jace 6)
Data Bits  8
Parity None
Stop Bits  1
Flow Control Hardware

7) Turn on power to the Jace
Depending on your task you can;

8a) **Press ESC key to restore factory default username and password**

or

9a) **Hit Enter and type in your credentials**

   Login       tridium

   Password    Niagara

9b) **List choice – item #2 = Update Network settings**

   Enter 2

9c) **Enter the IP address in the proper field**

9d) **Accept the Configuration by clicking ENTER.**

   Enter 7 to reboot the Jace

   Disconnect from Hyper terminal

**The Serial Shell does NOT delete the Station Config.bog file.**

It leaves the config.bog file alone.