

Mapping Network Interfaces



Note

An ESXi VMware console is used as an example for this procedure, other consoles may look slightly different.



To assign a virtual NIC to a physical network adaptor, refer to the respective third-party documentation:

KVM Hypervisor: <http://www.linux-kvm.org/page/HOWTO>

Microsoft Hyper-V: [https://technet.microsoft.com/en-us/library/mt169373\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/mt169373(v=ws.11).aspx)

VMware ESXi: <https://www.vmware.com/support/pubs/>



Note

Access the console by:

- Clicking the **Console** tab, or
- Clicking the **Summary** tab, and then clicking the **Open Console** link. (The SBC SWe Lite must be powered on for this to work).

1. Log in as user `netconfig` with password as `Config!`. Change the password when prompted.



Note

Passwords must be at least six characters in length and include uppercase and lowercase characters, and numerals.

Figure 1: Modify Password

```
Getting Started Summary Resource Allocation Performance Events Console Permissions
Number of active connections has changed. There is now 1 active connection to this console

(3400-*1M228HH7YNXJED7) SWeLite login: netconfig
Password:

BusyBox v1.24.2 () built-in shell (ash)

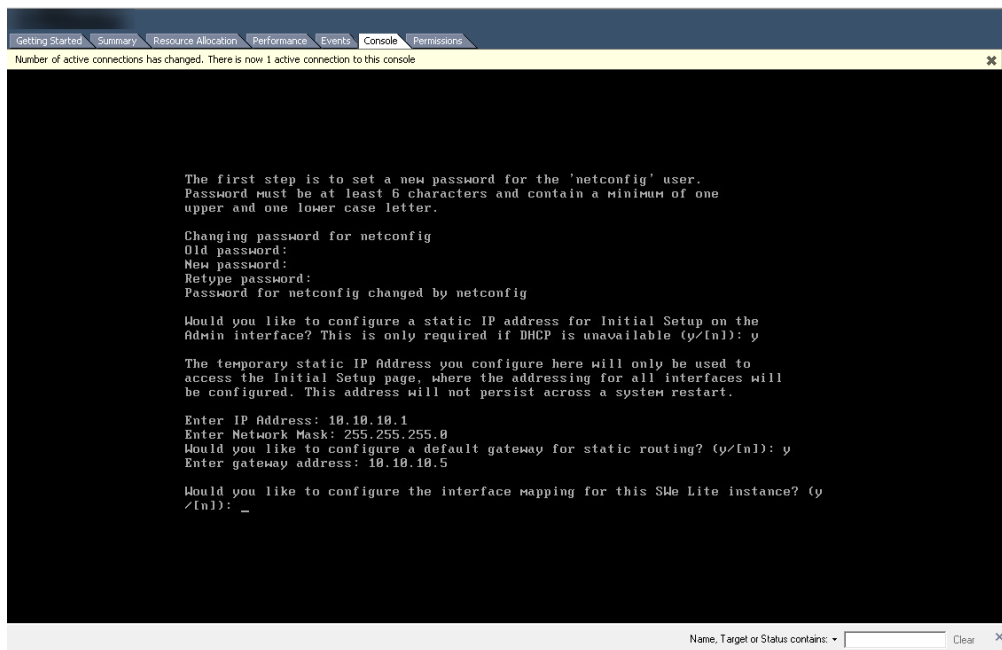
Welcome!

Copyright 2010-2017, Sonus Networks, Inc. (http://www.sonus.net/)
Got request to configure interface mapping.

The first step is to set a new password for the 'netconfig' user.
Password must be at least 6 characters and contain a minimum of one
upper and one lower case letter.


Changing password for netconfig
Old password: _
```

Figure 2: Static or DHCP IP




2. Choose **DHCP** or enter a static IP address.

```
Would you like to configure a static IP address for Initial Setup on the Admin interface? This is only required if DHCP is unavailable (y/[n]): n
```

 **Note**

Sonus recommends that you first connect the admin port to a network with DHCP server enabled, otherwise you will need to enter a static IP address when prompted for an IP address.

3. Enter the interface name to map the interface as shown in the WebUI when prompted by the interface mapping shell script.

 **Info**

The interface mapping shell script requests that the user provide the interface name to map the interface as shown in the WebUI.

Use the MAC address (identified in the virtual machine editing portion during [Installing SBC SWe Lite](#) on your specific platform) in order to correctly map the interface. The interface name and MAC address are required to properly activate the interface and have it appear on the WebUI.

4. Enter an admin interface name. Example: `mgmt0`.
5. Enter an Ethernet 1 Media interface name. Example: `pkt0`.
6. Enter each subsequent Ethernet Media interface Name, and then apply the changes.

Figure 3: Saving Interface Mapping

```
File Action Media Clipboard View Help
pkt1 00:15:5D:71:B3:39
pkt2 00:15:5D:71:B3:3A
pkt3 00:15:5D:71:B3:3B
Please provide Ethernet 1 media interface name : pkt0
Found system interface
Configuring pkt0 for Ethernet 1.....DONE

Ethernet 2 Logical Interface Mapping
Available Network Interfaces
Name Virtual Adapter MAC
-----
pkt1 00:15:5D:71:B3:39
pkt2 00:15:5D:71:B3:3A
pkt3 00:15:5D:71:B3:3B
Please provide Ethernet 2 media interface name : pkt1
Found system interface
Configuring pkt1 for Ethernet 2.....DONE

Ethernet 3 Logical Interface Mapping
Available Network Interfaces
Name Virtual Adapter MAC
-----
pkt2 00:15:5D:71:B3:3A
pkt3 00:15:5D:71:B3:3B
Please enter Ethernet 3 media interface name : pkt2
Found system interface
Configuring pkt2 for Ethernet 3.....DONE

Ethernet 4 Logical Interface Mapping
Available Network Interfaces
Name Virtual Adapter MAC
-----
pkt3 00:15:5D:71:B3:3B
Please enter Ethernet 4 media interface name : pkt3
Found system interface
Configuring pkt3 for Ethernet 4.....DONE

Interface Mapping Selection
=====
Admin Network Interface : mgt0
Ethernet 1 (First Media Interface) : pkt0
Ethernet 2 (Second Media Interface) : pkt1
Ethernet 3 (Third Media Interface) : pkt2
Ethernet 4 (Fourth Media Interface) : pkt3
Apply changes? [y/(n)]:
Status: Running
```

i If the network mapping and connection are correct, the Admin IP address will display on the console port. If the Admin IP address does not display, check the connections and network mapping.

! Note
If DHCP is used, SBC SWe Lite will automatically reboot before initial setup. If a static IP address is set, SBC SWe Lite will automatically reboot after SBC SWe Lite Initial Setup from the WebUI.

! Note
If this is the first time interface mapping is being done, the system will automatically reboot. Any future remapping of interfaces will not automatically trigger a reboot, but will inform the user that they need to do so in order for the changes to be placed into affect.

i Proceed to SBC SWe Lite Initial Setup.

