

**Configuration Aid To Ingate
Firewall/SIParator - Changing
Password for an Ingate Firewall
1450/1500/1550/1600/1650/1900
or Ingate SIParator
45/50/55/60/65/90**

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Change Password on an Ingate Firewall 1450/1500/1550/1600/1650/1900 or Ingate SIParator 45/50/55/60/65/90

If you forgot the old *admin* password, you need physical access to the firewall/SIParator to set a new one. This also requires a reboot of the firewall/SIParator to make it accept a new password.

1. Reboot the firewall/SIParator

Reboot the firewall/SIParator by pressing the power button.

2. Press ESC and Enter

At a certain time during boot, the text "PRESS ESC + ENTER TO ENTER UNCONFIGURED" will be displayed on the LCD display. When ESC and Enter are pressed, the text "UNCONFIGURED CONFIRMED" will be shown.

3. Check that the firewall/SIParator has entered config mode

When the firewall/SIParator is ready to receive new configuration, the text "UNCONFIGURED" and the first line of a menu is shown on the LCD display. Unfortunately you cannot set a new password via that menu.

4. Set an IP address

If you want to use the web interface for the actual password change, you must now give the firewall/SIParator an IP address. This can be the same IP address as before or a different one.

An IP address can be set using *magic ping* or the Ingate *Startup Tool* (can be downloaded from <http://www.ingate.com/startuptool.php/>). The alternative to using one of these methods is to connect via the serial cable and set a password there.

This is how to perform a magic ping:

- Plug in the power cord and turn the firewall/SIParator on.
- Wait while the firewall/SIParator boots up.
- Connect the network cables to the network interfaces.
- Find out the MAC address of the firewall/SIParator (printed on the firewall/SIParator label). This is the MAC address of **Eth0**.

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- Add a static entry in your local ARP table consisting of the firewall/SIParator's MAC address and the IP address it should have on eth0.

This is how to add a static ARP entry if you use a Windows computer:

Run the command *command* (or *cmd*).

In the Command window, enter the command `arp -s ipaddress macaddress` where *ipaddress* is the new IP address for the eth0 interface, and *macaddress* is the MAC address printed on the firewall/SIParator, but with all colons (:) replaced with dashes (-).

- Ping this IP address to give the firewall/SIParator its new IP address. You should receive a ping reply if the address distribution was successful.
- Configure the rest through a web browser.

If you use a Windows 2000 or XP computer you can perform the magic ping like this instead:

- Plug in the power cord and turn the firewall/SIParator on.
- Wait while the firewall/SIParator boots up.
- Connect the network cables to the network interfaces.
- Find out the MAC address of the firewall/SIParator (printed on the firewall/SIParator label). This is the MAC address of **Eth0**.
- Run the **Ingate.exe** program in the MagicPing folder on the documentation CD.
- Enter the MAC address of the firewall/SIParator in the first box line.
- Enter the IP address of the firewall/SIParator in the second box line.
- Press **Configure** to give the firewall/SIParator the assigned IP address.
- Press **Login** to connect to the web user interface of the firewall/SIParator, and make additional configuration there.

The Startup Tool can be downloaded from <http://www.ingate.com/startuptool.php/>.

5. Enter a new password

The password is then set via the web GUI or the serial cable.

You change the password via the serial console like this:

- Connect the firewall/SIParator to your workstation with the enclosed serial cable.
- If you use a Windows workstation, connect like this: Start *Hyperterm*. A Location dialogue will show, asking for your telephone number and area. Click Cancel followed by Yes. Then you will be asked to make a new connection. Type a name for this connection, select an icon and click OK. The Location dialogue will show again, so click Cancel followed by Yes.

Now you can select Connect using COM1 and click OK. A Port settings dialogue will show, where you select 19200 as Bits per second. Use the default configuration for all

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other settings. Click OK and wait for a login prompt. (In some cases you have to press Return to get the login prompt.)

- If you use a Linux workstation, connect like this: Make sure that there is a symbolic link named /dev/modem which points to the serial port you connected the firewall/SIParator to. Connect using *minicom* with the bit rate 19200 bits/s, and wait for a login prompt.
- Log on as *admin*. You will see a menu:

```
Ingate Firewall/SIParator Administration
 1. Basic configuration
 2. Save/Load configuration
 3. Become a failover team member
 4. Leave failover team and become standalone
 5. Wipe email logs
 6. Set password
 7. Command line interface
   a. About
   q. Exit admin
   ==>
```

- Select 6. Set password and set a new password.

After that, log on to the web interface as *admin*, using the new password.