

Total Access 908e (2nd Gen) setup

These instructions will guide you through setting up a Adtran device with a NocTel Trunk.

Requirements: console access, network access, factory default, a NocTel Trunk.

Step-by-step guide

This guide assumes you are starting with factory default settings, If you need to restore to factory start from step one, otherwise you can skip to step 8.

1. Password Bypass

- Connect via console to the Adtran Unit
- Power Cycle Adtran Unit
- While it boots back up it will give you a count down in the console, you will have 5 seconds to hit the escape key. Do so.
- At the console, enter: bypass passwords
- At the console, enter: boot

2. Set Password

- At the console, enter: username admin password passwordhere
- Hit the Escape Key
- At the console, enter: write

3. Download default config

- Download adtran provided default config via (yes it says 900e, but it's the correct one) :
<https://supportforums.adtran.com/servlet/JiveServlet/downloadBody/5918-102-5-6796/default-config-900e.cfg.zip>
- Unzip the .cfg file

4. Setup adtran for web access

- At the console, enter: en
The enter the password when prompted.
- At the console, enter: conf t
- At the console, enter: interface eth 0/1
- At the console, enter: ip address YourLocalStaticIpForAdtran YourLocalSubnetMaskForTheIP
- At the console, enter: media-gateway ip primary
- At the console, enter: exit
- At the console, enter: exit
- At the console, enter: write

5.

- At the console, enter: en
The enter the password when prompted.
- At the console, enter: conf t
- At the console, enter: ip route 0.0.0.0 0.0.0.0 YourGatewayForAdtran
- At the console, enter: exit
- At the console, enter: write

6.

- At the console, enter: en
The enter the password when prompted.
- At the console, enter: conf t
- At the console, enter: ip http server
- At the console, enter: exit
- At the console, enter: write

7. Upload Default Config

- In your browser, navigate to <http://YourLocalStaticIpForAdtran/main/utilities/config/config.html>
- Click Upload config - choose the .cfg that you previously downloaded.
- Click the upload button. Default login will be admin for the username, password is password.

8. Repeat steps 4 - 6

9. Create Trunk on Adtran

- In your browser, navigate to <http://YourLocalStaticIpForAdtran/main/voice/trunks/trunksMain.html>
- Click on add a new trunk account
- Enter your trunk's name
- The trunk type will be SIP
- set the sip server ip to the NocTel server ip that the account soft trunk is on.
- set the sip proxy server ip to the NocTel server ip that the account soft trunk is on.
- Change the dial string source from "URI" to "to header"
- Check the checkbox to header host type, set it to override domain
- set the sip registrar address to the NocTel server ip that the account soft trunk is on.
- set registration expire time to 60 seconds
- set default authentication, user is the softrunk sip username password is the soft trunk sip password
- set domain address as your public ip that the Adtran is on.
- click the apply button at the bottom of the page.
- click on the trunk name to go back into the configuration page.
- click add register entry, the input box will open up towards the top of the page so scroll up. start value will be the soft trunk sip username. The authentication user will also be the soft trunk sip username and the password is the soft trunk sip password.
- click the apply button at the bottom of the page

10. Create a dial plan

- Under the Voice tab, under the System setup tab, under the dial plan section.
- 911 calling is enabled by default
- Under dial plan parameters select 10 digit dialing and hit apply
- Under dial plan templates (advanced), add new dial plan template
- use the same template you made in step 10 (for example XXX)
- set the number type as extensions and hit apply

11. Create a trunk group

- Under the Voice Tab, under the trunks section, click on trunk groups.
- Click on add a new trunk group.
- Fill out group name and click add
- Check the check boxes for local calls and 911 calls
- apply
- edit the trunk group
- expand detailed view - permit/restriction call templates
- configure advanced templates
- add outbound permit template
- add a template that matches the number of digits that your account extensions use. so for example 3 digits extensions would be 3 Xs: XXX
- hit add
- under trunk group members
- hit add members
- select the trunk account checkbox
- click add selected trunks
- click apply

12. Create a voice user

- Under the Voice tab, Under the stations section, select User accounts
- Enter the extension number , select analog station as the type and select the fxs port that that the phone is plugged into, hit apply.
- Repeat adding extensions for however many you need.

13. Turn off the unsecured services

- Under the systems tab, select the IP services section and uncheck the http check box, the https check box (if selected), the telnet check box, and the ssh check box (unless you need to remote admin the Adtran)
- Hit apply



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