MOH Editor

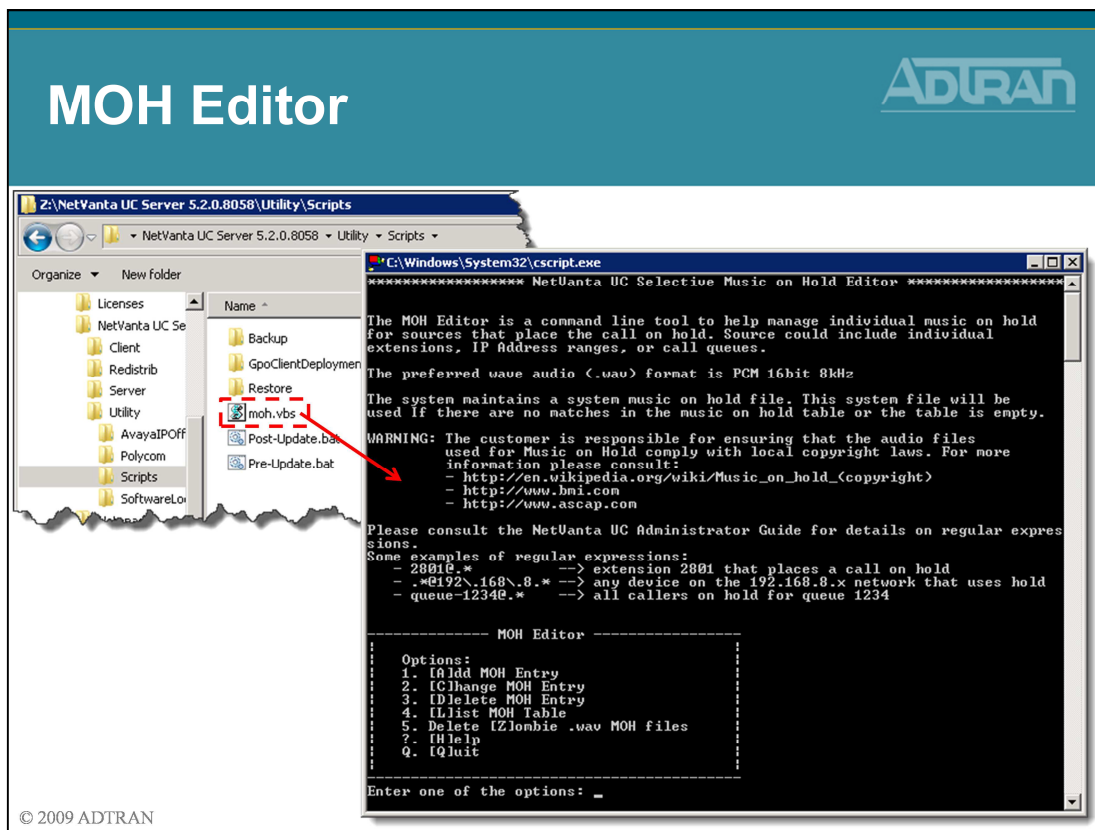**NetVanta UC Solutions Course**

MOH Editor

MOH Editor

The MOH Editor is a command line tool to help manage individual Music on Hold files for different sets of users based on extension, extension range or IP Address range. This script provides ECS administrators the ability to implement multiple unique music on hold sources, to meet the needs of various departments, locations, or specific users.

> **NOTE**: *The script must run on the UC Server computer because of the requirements to access the PBX database and the music on hold file folder.*

This utility includes an Audio Converter tool that automatically converts any .wav files to the appropriate format (PCM 16bit 8kHz), however, .mp3 or other audio files would need to be converted to .wav before import. Audacity (audacity.sourceforge.net) is a free tool that can be used to convert .mp3 files to .wav files.

There are 5 tasks that can be accomplished with this utility:

1. **Add new audio** [1, A, a]: The script will prompt for the audio file path of the audio files and the priority. Lowest number provides the highest priority.

2. **Change existing MOH entry** [2, C, c]: The script will remember the current values of each of the parameters and only modify the line items that need to be changed.

3. **Delete an entry** [3, D, d] Choose the corresponding ID of the entry that they want to delete. Deleting an entry only removes the database entry and does not remove the audio files as the audio file may be used with other match criteria. (See #5)

4. **List entries** [4, L, l]: By selecting to list the entries it extracts the information, sorted by priority, from the database in set column widths for easier reading.

5. **Delete unreferenced 'Zombie' .wav audio files** [5, Z, z]: Zombie files are wave audio files that were unreferenced as part of changing an existing entry or deleting a past entry.

ADTRAN uses similar 'regular expression' syntax as the UC Dial plan to assign holding part number patterns to specified Music on Hold files.

Example of Add MOH Entry (1):
```
------------- MOH Editor ----------------
|                                        |
|   Options:                             |
|   1. [A]dd MOH Entry                   |
|   2. [C]hange MOH Entry                |
|   3. [D]elete MOH Entry                |
|   4. [L]ist MOH Table                  |
|   5. Delete [Z]ombie .wav MOH files    |
|   Q. [Q]uit                            |
|                                        |
------------------------------------------
Enter one of the options: 1
Regular Expression: 1173@.*
MOH File (Include full path): c:\MOH_Files\ThereAndBack.wav
Priority [1-100]: 1
   ➔ File Copy Successful
```
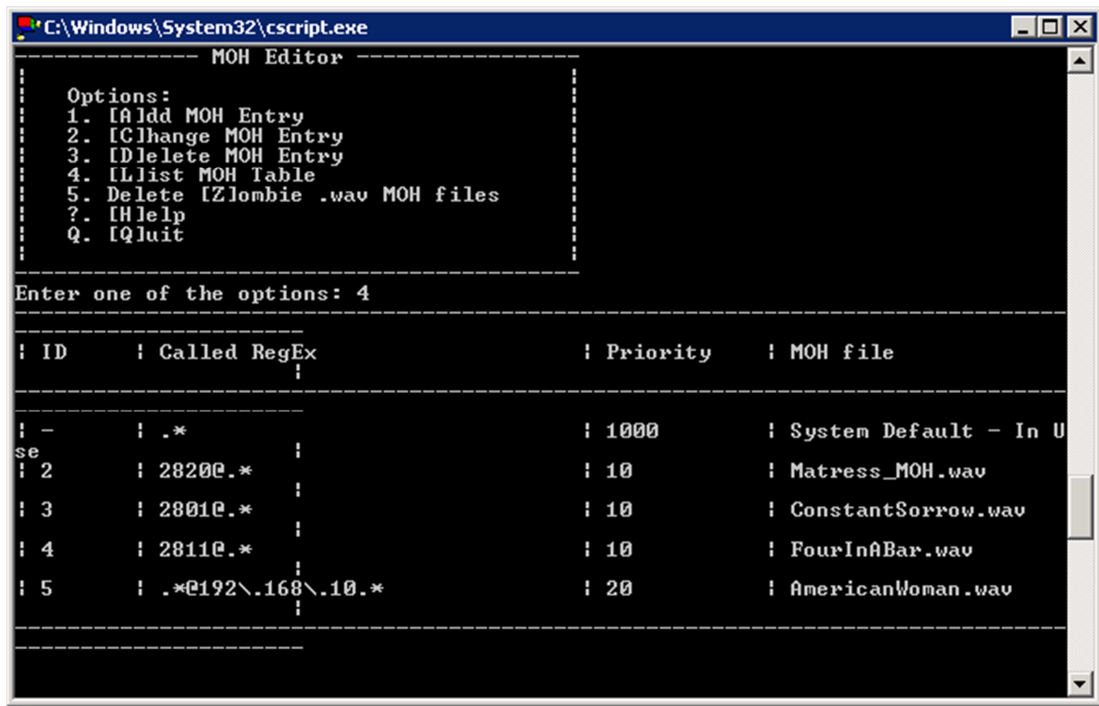*OR*
```
Enter one of the options: 1
Regular Expression: .*@172\.20\.130.*
MOH File (Include full path): c:\MOH_Files\ThereAndBack.wav
Priority [1-100]: 1
   ➔ File Copy Successful
```

The first example plays 'ThereAndBack.wav' whenever extension 1173 puts anyone on hold.

The second example play 'ThereAndBack.wav' whenever someone with a phone on subnet 172.20.130.x places a call on hold.

Here is an example of a configured MOH editor: