

VCO/4K: Recompiling an SS7 Database After Modifying MML Files

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Introduction

ASCII files are used to configure the Message Transport Protocol (MTP). The primary configuration file for MTP is mtp.mml. The mtp.mml file defines link sets, links, combined link sets, routes, and route sets. Similarly, ASCII files are used to configure the ISDN User Part (ISUP). The primary configuration file for ISUP is isup.mml.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on the software versions below.

- all versions of Signaling System No. 7 (SS7)

Conventions

For more information on document conventions, see the Cisco Technical Tips Conventions.

Activating Changes

After you edit mtp.mml or isup.mml files, you must recompile the files to activate the changes.

Note: On redundant switches, this process must be performed on both sides.

Recompiling .mml Files

Follow the instructions provided below:

1. Stop the SS7 stack by entering the following command:

```
stop-ss7.sh
```

Note: Respond with Y to all prompts.

2. Access the DBfiles directory and remove all contents by entering the following commands:

```
cd $EBSHOME/access/RUN0/DBfiles
rm*.*
```

3. Remove all files from the backup directory by entering the following commands:

```
cd ../backup
rm *.*
```

4. Go to the directory that contains the mtp.mml or isup.mml files by entering one of the following commands:

```
cd $SPA
- or -
cd $SPC
```

Note: The `cd $SPA` command sets up the \$SPA directory for ANSI SS7 and the `cd $SPC` command sets up the \$SPC directory for ITU/CCITT SS7.

5. Recompile the database by entering the following commands:

```
ebs_start
upmd 0 &
snmd 0 &
mml 0 <filename>
AccessISUP 0 &
mml 0 <filename>
```

6. Stop the SS7 stack by entering the following command:

```
stop-ss7.sh
```

Note: Respond with Y to all prompts.

7. Restart the SS7 stack by entering the following command:

```
start-ss7.sh
```

Note: Respond with Y to all prompts.

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