

Amanda Dealers can use a utility called import and export which can be used to export complete token programming applications, and import them onto another system creating all of the mailboxes, greetings, and token programming strings for the specified range of mailboxes. The import export utilities are used in conjunction with the range_key settings in the install.cfg or setup utility.

Normally mailboxes, which are exported from one system, and then imported into another system are hidden from the system administrator. This would be true if you don't specify the [-nosecurity] optional switch when exporting the mailboxes. If you specify [-nosecurity] then the mailboxes will be seen and can be manipulated and no range_key is needed.

When you don't specify the [-nosecurity] option on the exportation, your mailboxes must be within multiples of 10000 with a starting range of 10000. A range_key is also required to be able to access the application.

Import / Export Notes

Export.exe [-nosecurity] directory box-range

Important Note: To use security the mailboxes have to be at 10000+. With the nosecurity switch you don't need a range key.

This program is run on the system where the token application has been developed. Using -nosecurity means that anyone who imports the mailboxes will be able to see them, so you hardly ever use it. If the directory is specified as A: or B:, without a "\", then vmbback is used to span multiple diskettes; otherwise, an empty directory on your hard disk should be specified. The box-range is just a range of mailboxes, such as 10000-10999, which make up the application.

Example:

```
C:\Amanda>Export A:\Temp 500-510
```

Where A:\Temp is where the application mailboxes are stored including greetings for the specified mailbox range. The range of mailboxes to be exported is 500-510 in this case.

Import.exe [-bbase] directory drive

This program is run on the customer's machine to install the token application. By default, the mailboxes will be installed with the same numbers as they had when they were exported.

If -bbase is specified, then import will attempt to renumber the application to start at mailbox "base". It does not scan all the tokens as it does this, so if there are hardcoded mailbox numbers (as they usually are) then this option may not be used.

If a directory is specified, it should be on the hard disk, as created by exporting to a directory. If a floppy disk is being used, then A: or B: should be specified without a "\".

Once the application has been imported, you must also put in a range key, or the boxes will not be allowed to execute (unless you choose the `-nosecurity` option when you export). For example, if your application boxes were in the range of 90000-99999, then you would add the following to the `install.cfg`:

On the target computer:

```
Set range1 90000
Set range1_key <value of key>
```

You can also use ranges 2-4.

How are the range keys used?

Ranged keys are used to represent mailboxes that it goes into?

Example: Export an application from an existing system. Import the application into the new system starting at a mailbox 10000.

```
range1 10000
```

```
range1_key
```

If you buy a third party application that was customized for Amanda using token programming, you can import the mailbox programmed for that mailboxes using the import utility.

Then to activate that application, you set one of these options to the activation key (or range key) that allows Amanda to use those mailboxes. This is only the case if `[-no security]` is not specified.

If you import a box with security it marks it imported. Because it's imported you have to set your range and range keys to use it. You can have up to 4 applications running in this way with 4 different range keys, one for each range.

How is the range key calculated?

****Important Note**:** Import/Export was updated to version 1.6 to support the new AMIS `vmb` format. Also, `Amismigrate` was modified to migrate the output of the original export (version 1.5) to the new format for input. The command for `AmisMigrate` is:

```
AmisMigrate -i <exported directory>
```

To export from an older system prior to AMIS version use export version 1.5.

You must then run AmisMigrate -I on the exported directory/files. Then run import using the new version of Import 1.6 (this file is called Import.exe and will be located in the Amanda directory).

Steps to running Export/Import without security:

When exporting and using the -nosecurity switch you don't and cannot use the range/rangekey settings. After the export and import process has been completed, the mailbox will be seen by administrating the system and can be modified by the system administrator.

- 1) Export your mailboxes from the old system.
- 2) If running a non-AMIS version of Amanda Import the mailboxes into the new system.
 - 2b) If running an AMIS version of Amanda you MUST run AmisMigrate using the -I switch on the exported data prior to importing the mailboxes. Once AmisMigrate updates the exported mailboxes to the new vmb format, run import version 1.6 on the converted exported data.