



Restoring the SBC Configuration using EMA

The SBC EMA provides the ability to generate a system backup file. The user can restore the configuration files from the storage location. During this process, the system will restart and the user has to re-login, once the system is up and running. This is useful if you upgrade the SBC EMA and need to reload the old configurations.

SBC provides an option to upload back-up files from an external source. Earlier, due to security reasons, it was impossible to upload any back-up files to the SBC via EMA or EMA Platform Mode.


 For any reason, if you wish to re-install the SBC Application, take a back-up of the application to restore it when needed. The back-up files can now be stored in an external source.

 Re-installing a SBC system from an ".iso" image followed by restoring SBC configuration from a tar.gz backup file may lead to loss of encrypted configuration parameters in the following scenarios:

- re-installing a standalone SBC from an ".iso" image followed by restoring SBC configuration from a "tar.gz" backup file
- re-installing both nodes in an HA SBC pair from an ".iso" image followed by restoring SBC configuration from a "tar.gz" backup file

Activities like replacing a single node in an HA pair (as an RMA for example) or re-installing a single node in an HA pair at a time are safe. The node that has just been re-installed will take the current configuration from the active node.

For details please refer to Sonus Warning: **Warning-17-00022737**.


 All the back-up files should start with the naming convention:

- "config_<System_Name>_<File_Name>", and should end with ".tar.gz"

or

- "auto_backup_config_<System_Name>_<File_Name>", and should end with ".tar.gz"

For example: "config_SBC001_BackupFile1.tar.gz" or "auto_backup_config_SBC001_BackupFile1.tar.gz".

 The SBC stores up to 10 manual and seven automatic backup files.

Perform the following tasks to **Restore** the system:

1. Select **Administration > System Administration > Backup/Restore**.




Figure 1: System backup/Restore Screen

System Backup/Restore

Backup The Current System?

Last Backup

Name	Size
auto_backup_config_RedGrape-SA_20170112_030101.tar.gz	1667 KBytes
auto_backup_config_RedGrape-SA_20170113_030101.tar.gz	1668 KBytes
auto_backup_config_RedGrape-SA_20170114_030101.tar.gz	1670 KBytes
auto_backup_config_RedGrape-SA_20170115_030101.tar.gz	1672 KBytes
auto_backup_config_RedGrape-SA_20170116_030101.tar.gz	1675 KBytes
config_RedGrape-SA_20170116_210058_vasavi.tar.gz	1686 KBytes
config_RedGrape-SA_20170116_210210_shiva.tar.gz	1684 KBytes
auto_backup_config_RedGrape-SA_20170117_030101.tar.gz	1692 KBytes
config_RedGrape-SA_20170117_084558_gupta.tar.gz	1693 KBytes
config_RedGrape-SA_20170117_084928_man.tar.gz	1693 KBytes
auto_backup_config_RedGrape-SA_20170118_030102.tar.gz	1700 KBytes

To upload a backup file use the Administration > System Administration > File Upload screen. Once the file has been uploaded it will appear in the table above. **Note:** Backup files must have a filename that begins with "config_[system name]" or "auto_backup_config_[system name]" and ends with "tar.gz"

2. Highlight the file from the list of Last Backup which you want to restore.
3. Click **Restore**. A confirmation message is displayed seeking your permission to load the selected configuration and to restart the applications on active/standby servers as shown below:

Figure 2: Backup Current Software

System Backup/Restore

Backup The Current System?

Last Backup

Name	Size
auto_backup_config_RedGrape-SA_20170112_030101.tar.gz	1667 KBytes
auto_backup_config_RedGrape-SA_20170113_030101.tar.gz	1668 KBytes
auto_backup_config_RedGrape-SA_20170114_030101.tar.gz	1670 KBytes
auto_backup_config_RedGrape-SA_20170115_030101.tar.gz	1672 KBytes
auto_backup_config_RedGrape-SA_20170116_030101.tar.gz	1675 KBytes
config_RedGrape-SA_20170116_210058_vasavi.tar.gz	1686 KBytes
config_RedGrape-SA_20170116_210210_shiva.tar.gz	1684 KBytes
auto_backup_config_RedGrape-SA_20170117_030101.tar.gz	1692 KBytes
config_RedGrape-SA_20170117_084558_gupta.tar.gz	1693 KBytes
config_RedGrape-SA_20170117_084928_man.tar.gz	1693 KBytes
auto_backup_config_RedGrape-SA_20170118_030102.tar.gz	1700 KBytes

To upload a backup file use the Administration > System Administration > File Upload screen. Once the file has been uploaded it will appear in the table above. **Note:** Backup files must have a filename that begins with "config_[system name]" or "auto_backup_config_[system name]" and ends with ".tar.gz"

Restore Configuration from Backup

Warning: This action will interrupt service

This command will load the selected configuration and restart the applications on active/standby servers. Do you want to continue?

- Click **OK** to load the selected configuration file and to restart the applications on both Active and Standby servers.

