



## Troubleshoot Infrastructure

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### Recovering the Corrupt BIOS on a Blade Server

On rare occasions, an issue with a blade server may require you to recover the corrupted BIOS. This procedure is not part of the normal maintenance of a server. After you recover the BIOS, the blade server boots with the running version of the firmware for that server.

#### Before you begin



**Important** Remove all attached or mapped USB storage from a server before you attempt to recover the corrupt BIOS on that server. If an external USB drive is attached or mapped from vMedia to the server, BIOS recovery fails.

#### Procedure

	Command or Action	Purpose
<b>Step 1</b>	UCS-A# <b>scope server</b> <i>chassis-id / server-id</i>	Enters chassis server mode for the specified blade server in the specified chassis.
<b>Step 2</b>	UCS-A /chassis/server # <b>recover-bios</b> <i>version</i>	Loads and activates the specified BIOS version.
<b>Step 3</b>	UCS-A /chassis/server # <b>commit-buffer</b>	Commits the transaction.

#### Example

The following example shows how to recover the BIOS:

```
UCS-A# scope server 1/7
UCS-A /chassis/server # recover-bios S5500.0044.0.3.1.010620101125
UCS-A /chassis/server* # commit-buffer
UCS-A /chassis/server #
```

# Recovering the Corrupt BIOS on a Rack-Mount Server

On rare occasions, an issue with a rack-mount server may require you to recover the corrupted BIOS. This procedure is not part of the normal maintenance of a rack-mount server. After you recover the BIOS, the rack-mount server boots with the running version of the firmware for that server.

## Before you begin



**Important** Remove all attached or mapped USB storage from a server before you attempt to recover the corrupt BIOS on that server. If an external USB drive is attached or mapped from vMedia to the server, BIOS recovery fails.

## Procedure

	Command or Action	Purpose
<b>Step 1</b>	UCS-A# <b>scope server</b> <i>server-id</i>	Enters server mode for the specified rack-mount server.
<b>Step 2</b>	UCS-A /server # <b>recover-bios</b> <i>version</i>	Loads and activates the specified BIOS version.
<b>Step 3</b>	UCS-A /server # <b>commit-buffer</b>	Commits the transaction.

## Example

The following example shows how to recover the BIOS:

```
UCS-A# scope server 1
UCS-A /server # recover-bios S5500.0044.0.3.1.010620101125
UCS-A /server* # commit-buffer
UCS-A /server #
```