# Prodiguer Server – v0.4.0.0 Deployment Notes

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## Shut down system

## Shut down MQ server

prodiguer-mq-daemons-kill

## Shut down WEB server

prodiguer-web-daemons-kill

nginx stop

## Back up system

## Back up DB server

## Take VM snapshot

## Backup config files

cp /opt/prodiguer/ops/config SOMEWHERE\_ON\_THE\_MACHINE

## Backup pgres database

prodiguer-db-pgres-backup

## Back up MQ server

## Take VM snapshot

## Backup config files

cp /opt/prodiguer/ops/config SOMEWHERE\_ON\_THE\_MACHINE

## Backup log files

cp /opt/prodiguer/ops/logs/mq SOMEWHERE\_ON\_THE\_MACHINE

## Back up WEB server

## Take VM snapshot

## Backup config files

cp /opt/prodiguer/ops/config SOMEWHERE\_ON\_THE\_MACHINE

## Backup log files

cp /opt/prodiguer/ops/logs/web SOMEWHERE\_ON\_THE\_MACHINE

## DB server deployment

## Update source

prodiguer-stack-update-source

## Update aliases

source /opt/prodiguer/aliases.sh

## Bootstrap environment variables

prodiguer-stack- bootstrap-environment-variables

## Edit environment variables - definitions are [here](https://github.com/Prodiguer/prodiguer-docs/blob/master/devops/environment_variables.md)

vi $HOME/.prodiguer\_server

## Verify bash settings

vi $HOME/.bash\_profile

## Update config

prodiguer-stack-update-config

## Update virtual environments

prodiguer-stack-update-venvs

## Migrate pgres database to new schema

prodiguer-db-pgres-migrate

## Reset controlled vocabulary table.

prodiguer-db-pgres-cv-table-reset

## MQ server deployment

## Update source

prodiguer-stack-update-source

## Update aliases

source /opt/prodiguer/aliases.sh

## Bootstrap environment variables

prodiguer-stack- bootstrap-environment-variables

## Edit environment variables - definitions are [here](https://github.com/Prodiguer/prodiguer-docs/blob/master/devops/environment_variables.md)

vi $HOME/.prodiguer\_server

## Verify bash settings

vi $HOME/.bash\_profile

## Update config

mkdir -p $PRODIGUER\_HOME/ops/daemons/mq

prodiguer-stack-update-config

rm /opt/prodiguer/ops/config/mq-supervisord.conf

## Update virtual environments

prodiguer-stack-update-venvs

## Update RabbitMQ broker definitions

## Open admin UI

Navigate to: [http://prodiguer-test-mq.ipsl.fr:15672/#](http://prodiguer-test-mq.ipsl.fr:15672/)

## Import new definitions

* Expand the ‘Import / export definitions’ panel
* Click ‘Upload broker definitions’ button
* Select file: /opt/prodiguer/templates/config/mq-rabbit.json

## Notify me

I will then verify that all is good (i.e. I may need to delete obsolete queue bindings)

## Purge debug queues

prodiguer-mq-purge-debug-queues

## WEB server deployment

## Update source

prodiguer-stack-update-source

## Update aliases

source /opt/prodiguer/aliases.sh

## Bootstrap environment variables

prodiguer-stack- bootstrap-environment-variables

## Edit environment variables - definitions are [here](https://github.com/Prodiguer/prodiguer-docs/blob/master/devops/environment_variables.md)

vi $HOME/.prodiguer\_server

## Verify bash settings

vi $HOME/.bash\_profile

## Update config

mkdir -p $PRODIGUER\_HOME/ops/daemons/web

prodiguer-stack-update-config

rm /opt/prodiguer/ops/config/web-supervisord.conf

## Update virtual environments

prodiguer-stack-update-venvs

## System Restart

## Restart WEB server

prodiguer-web-daemons- init

nginx start

## Restart MQ server

prodiguer-mq-daemons-init