

BookStack - Upgrade unter Debian 13 (Trixie)

Vorbereitung

Vor einem Upgrade wird ein Backup der Datenbank und einiger Dateien empfohlen. Die Schritte dazu finden sich [hier](#).

Upgrade

Dieses Script erstellt Backups, löscht das BookStack Verzeichnis, klonst die aktuelle Version und stellt die benötigten Dateien und deren Berechtigungen wieder her.

```
cat > /root/upgrade-boockstak-on-debian-13.sh << EOF

echo "THIS SCRIPT IS NOT CONSIDERED OFFICIALLY SUPPORTED!"

echo "This upgrade a BookStack instance on a allready running Debian 13 (Trixie) server."
echo "This script does not ensure system security."
echo "This script is a modification from the install script found at"
echo "https://codeberg.org/bookstack/devops/src/branch/main/scripts/installation-debian-13.sh"

# Get date & Time
SCRIPTTIME=$(date +%s)

# Generate a path for a log file to output into for debugging
LOGPATH=$(realpath "bookstack_install_$SCRIPTTIME.log")

# The directory to install BookStack into
BOOKSTACK_DIR="/var/www/bookstack"

# Prevent interactive prompts in applications
export DEBIAN_FRONTEND=noninteractive
```

```

# Echo out an error message to the command line and exit the program
# Also logs the message to the log file
function error_out() {
    echo "ERROR: $1" | tee -a "$LOGPATH" 1>&2
    exit 1
}

# Echo out an information message to both the command line and log file
function info_msg() {
    echo "$1" | tee -a "$LOGPATH"
}

# Run some checks before installation
function run_pre_install_checks() {
    # Check we're running as root and exit if not
    if [[ $EUID -gt 0 ]]
    then
        error_out "This script must be ran with root/sudo privileges"
    fi
}

# Backup of database & files
function run_bookstack_backups () {
    mysqldump -u root bookstack > bookstack-database-backup-$SCRIPTTIME.sql || exit
    cd /var/www/bookstack || exit
    tar -czvf /root/bookstack-files-backup-$SCRIPTTIME.tar.gz .env public/uploads
storage/uploads themes || exit
}

# Remove old BookStack directory
function run_bookstack_removal() {
    cd /var/www || exit
    rm bookstack -R
}

# Download BookStack
function run_bookstack_download() {
    cd /var/www || exit
    git clone https://github.com/BookStackApp/BookStack.git --branch release --single-branch

```

```

bookstack
}

# Install BookStack composer dependencies
function run_download_bookstack_vendor_files() {
    cd "$BOOKSTACK_DIR" || exit
    php bookstack-system-cli download-vendor
}

# Restore BooStack files from backup
function run_restore_files () {
    cd "$BOOKSTACK_DIR" || exit
    tar -xvzf /root/bookstack-files-backup-$SCRIPTTIME.tar.gz
}

# Set file and folder permissions
# Sets current user as owner user and www-data as owner group then
# provides group write access only to required directories.
# Hides the `.env` file so it's not visible to other users on the system.
function run_set_application_file_permissions() {
    cd "$BOOKSTACK_DIR" || exit
    chown -R www-data:www-data ./
    chmod -R 755 ./
    chmod -R 775 bootstrap/cache public/uploads storage
    chmod 640 .env

    # Tell git to ignore permission changes
    git config core.fileMode false
}

info_msg "This script logs full output to $LOGPATH which may help upon issues."
sleep 1

run_pre_install_checks
#run_prompt_for_domain_if_required
#info_msg ""
#info_msg "Installing using the domain or IP \"${DOMAIN}\""
#info_msg ""
#sleep 1
info_msg "[1/6] Backup BookStack database and files from ${BOOKSTACK_DIR}..."

```

```
run_bookstack_backups >> "$LOGPATH" 2>&1

info_msg "[2/6] Remove BookStack from ${BOOKSTACK_DIR}..."
run_bookstack_removal >> "$LOGPATH" 2>&1

info_msg "[3/6] Downloading BookStack to ${BOOKSTACK_DIR}..."
run_bookstack_download >> "$LOGPATH" 2>&1

info_msg "[4/6] Downloading PHP dependency files..."
run_download_bookstack_vendor_files >> "$LOGPATH" 2>&1

info_msg "[5/6] Restore files from backup..."
run_restore_files >> "$LOGPATH" 2>&1

info_msg "[6/6] Setting BookStack file & folder permissions..."
run_set_application_file_permissions >> "$LOGPATH" 2>&1

info_msg "-----"
info_msg "Setup finished, your BookStack instance should now be upgraded!"
info_msg "-----"

EOF
```

Revision #27

Created 2026-08-05 19:51:36 UTC by Admin

Updated 2026-08-10 20:35:36 UTC by Admin