

App Deployment

- [? 8x8 Work App Deployment via Script \(macOS\)](#)

? 8x8 Work App Deployment via Script (macOS)

This guide walks you through how to deploy the **8x8 Work** app on macOS using a custom bash script. This is ideal for environments managed via *Meraki* or other MDM tools.

Deployment Script Overview

The following script will:

1. Remove any existing version of `8x8 Work.app`
2. Download the latest installer from 8x8's official server
3. Mount the DMG
4. Copy the app into `/Applications`
5. Unmount the DMG
6. Log each step into `/tmp/8x8_install_status.log`

```
#!/bin/bash

APP_PATH="/Applications/8x8 Work.app"
LOG_FILE="/tmp/8x8_install_status.log"

echo "Starting 8x8 installation status log" > "$LOG_FILE"
date >> "$LOG_FILE"

if [ -d "$APP_PATH" ]; then
    echo "Removing existing 8x8 Work.app" | tee -a "$LOG_FILE"
    rm -rf "$APP_PATH"
fi

if curl -L -o /tmp/8x8Installer.dmg https://work-desktop-assets.8x8.com/prod-publish/ga/work-dmg-v8.21.3-1.dmg; then
    echo "Download complete" | tee -a "$LOG_FILE"
```

```
else
  echo "Download failed" | tee -a "$LOG_FILE"
  exit 1
fi

if hdiutil attach /tmp/8x8Installer.dmg; then
  echo "Disk image mounted" | tee -a "$LOG_FILE"
else
  echo "Failed to mount disk image" | tee -a "$LOG_FILE"
  exit 1
fi

if ditto "/Volumes/8x8 Work/8x8 Work.app" "$APP_PATH"; then
  echo "Application copied to /Applications" | tee -a "$LOG_FILE"
else
  echo "Failed to copy application" | tee -a "$LOG_FILE"
  exit 1
fi

if hdiutil detach "/Volumes/8x8 Work"; then
  echo "Disk image unmounted" | tee -a "$LOG_FILE"
else
  echo "Failed to unmount disk image" | tee -a "$LOG_FILE"
  exit 1
fi

if [ -d "$APP_PATH" ]; then
  echo "8x8 Work.app installed successfully in /Applications." | tee -a
"$LOG_FILE"
else
  echo "Installation failed" | tee -a "$LOG_FILE"
  exit 1
fi
```

☐☐ How to Check Installation Logs

The script logs its progress in a plain text file located at `/tmp/8x8_install_status.log`.

☐☐ View Log Contents

```
cat /tmp/8x8_install_status.log
```

▣▣ View Log with Paging

```
less /tmp/8x8_install_status.log
```

▣▣ Follow the Log in Real Time

```
tail -f /tmp/8x8_install_status.log
```

▣ Search for Errors

```
grep "Failed" /tmp/8x8_install_status.log
```

? You're now equipped to deploy and verify the 8x8 Work app installation on macOS systems using a scripted process. Happy deploying!

▣▣ Line-by-Line Explanation of the Script

```
#!/bin/bash
```

Shebang — Tells the system to run this script using the Bash shell.

```
APP_PATH="/Applications/8x8 Work.app"
LOG_FILE="/tmp/8x8_install_status.log"
```

Variable definitions:

`APP_PATH` stores the expected location of the app.

`LOG_FILE` defines where the script logs its status messages.

```
echo "Starting 8x8 installation status log" > "$LOG_FILE"
date >> "$LOG_FILE"
```

Logging:

Creates a new log file and adds the current date/time.

```
if [ -d "$APP_PATH" ]; then
  echo "Removing existing 8x8 Work.app" | tee -a "$LOG_FILE"
  rm -rf "$APP_PATH"
fi
```

Remove old version:

Deletes the existing app if present, and logs the action.

```
if curl -L -o /tmp/8x8Installer.dmg https://work-desktop-assets.8x8.com/prod-
publish/ga/work-dmg-v8.21.3-1.dmg; then
```

Download the installer:

`curl` fetches the installer and saves it locally.

```
  echo "Download complete" | tee -a "$LOG_FILE"
else
  echo "Download failed" | tee -a "$LOG_FILE"
  exit 1
fi
```

Log download result:

Logs success or exits if the download fails.

```
if hdiutil attach /tmp/8x8Installer.dmg; then
```

Mount the DMG: Makes the downloaded disk image accessible.

```
    echo "Disk image mounted" | tee -a "$LOG_FILE"
else
    echo "Failed to mount disk image" | tee -a "$LOG_FILE"
    exit 1
fi
```

Log mount status and handle failure.

```
if ditto "/Volumes/8x8 Work/8x8 Work.app" "$APP_PATH"; then
```

Install the app:

Uses `ditto` to copy the app from the DMG to `/Applications`.

```
    echo "Application copied to /Applications" | tee -a "$LOG_FILE"
else
    echo "Failed to copy application" | tee -a "$LOG_FILE"
    exit 1
fi
```

Log copy status:

Verifies whether the copy worked.

```
if hdiutil detach "/Volumes/8x8 Work"; then
```

Unmount the DMG: Clean-up step after installation.

```
    echo "Disk image unmounted" | tee -a "$LOG_FILE"
else
    echo "Failed to unmount disk image" | tee -a "$LOG_FILE"
    exit 1
fi
```

Log unmount result.

```
if [ -d "$APP_PATH" ]; then
```

Final verification: Confirms the app exists post-install.

```
    echo "8x8 Work.app installed successfully in /Applications." | tee -a
"$LOG_FILE"
else
    echo "Installation failed" | tee -a "$LOG_FILE"
    exit 1
fi
```

Log final result — Either success or failure.