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# CONVEX CXbatch V2.1.1 Installation Procedures



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## **CONVEX CXbatch V2.1.1 Installation Procedures**

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# Installation Procedures for CONVEX CXbatch V2.1.1

This document explains how to install CONVEX CXbatch V2.1.1. The distribution media for this release is a 6250-bpi, *installsw(8)* format magnetic tape. The installation should take about 45 minutes.

A detailed description of the contents of this release can be found in the CONVEX CXbatch V2.1.1 Release Notes, Part Number 710-007830-008.

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## Prerequisites

Before you install CONVEX CXbatch V2.1.1, your system must already be running these software packages:

- ConvexOS V9.1 or a later release of the operating system.
- ConvexOS V9.1 Utilities or a later release of the system utilities.
- CONVEX CXbatch V2.1 software.

If you do not have all of the necessary components, contact the CONVEX Technical Assistance Center (TAC) for information on performing this upgrade.

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## Software Distribution

The software distribution for the CONVEX CXbatch V2.1.1 release consists of a single 9-track tape part number 710-003915-210. The tape is in *installsw(8)* format.

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## Installing CONVEX CXbatch V2.1.1

The installation procedure displays informative messages about the progress of the installation. You may ignore them. If the installation procedure encounters a problem and cannot continue, you will be notified with an error message. If it is obvious how to correct the problem (e.g., you are not logged on as the superuser), make the correction and restart the installation. If you cannot determine or fix the problem, contact the TAC for assistance.

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### Caution

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To install CXbatch, read the remainder of this document first and then perform the steps below.

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## Installation on a Local System

This section describes procedures for installing CONVEX CXbatch V2.1.1 on a CONVEX system with a local tape drive.

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### Note

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This installation procedure assumes that you have backed up your CONVEX system before beginning this procedure. Please stop and backup your system now.

1. Log in as superuser on the CONVEX system console.
2. Ensure that you have at least 2500 kilobytes of free disk space in the /tmp file partition. To determine the number of free kilobytes, enter the command shown in the next screen example

```
# df /tmp
Filesystem Kbytes used avail capacity Mounted On
/dev/st3 41614 4640 32812 12% /tmp
#
```

3. CXbatch must not be running during the installation. Use the **qmgr shutdown** command to shutdown CXbatch.

```
# qps
QUEUE      REQ    PID  STAT  TIME COMMAND
<daemon>           132   S    0:00 CXbatch logdaemon
<daemon>           135   S    0:07 CXbatch nqsdaemon
<daemon>           136   S    0:00 CXbatch netdaemon
# qmgr shutdown 0
CXbatch manager[TCML_COMPLETE]:Transaction complete at\
local host
```

4. Mount the CONVEX CXbatch V2.1.1 release tape, part number 710-003915-210, on tape unit 0.

5. Start the installation procedure by entering the commands shown in the next screen example, where *device-name* is printed by `tpmount (1)`.

```
# /usr/convex/tpmount -R
Tape device /dev/rmt20 allocated.
# /etc/installsw -i -d device-name

** Installsw Header File From Tape **

Copyright 1991 CONVEX Computer Corp.
All rights are reserved.
CREATED ON Mon Dec 30 08:36:19 CDT 1991
710-003915-210 CONVEX CXbatch, release V2.1.1 3
```

6. After printing messages to the screen, the installation procedure prompts you for the type of installation. Enter `local` as shown in the next screen example.

```
Choose the type of installation you want to do:

LOCAL      --> install on this system.
REMOTE     --> install on a remote system.
ABORT      --> abort installation

Enter your selection now. --> local
```

7. If this product is stacked with several other products on a single tape, select CXbatch 2.1.1 from the menu as shown below. If you are also installing CXbatch 2.1 at this time, and it is also on the tape, you may select both CXbatch 2.1 and 2.1.1 from the menu.

Idx	Part Number	Description	Release	Files
1	710-009915-000	Root Upgrade	10.0	3
2	710-010015-000	/usr Upgrade	10.0	3
3	710-009715-000	Internet Services	10.0	3
4	710-003915-209	CONVEX CXbatch	2.1	3
5	710-003915-210	CONVEX CXbatch	2.1.1	3

^ Items marked with a + will be installed.  
Items marked with a - will be de-installed.

To toggle selection on an item, type its number or part of its description. Patches auto-select with their base product. Use negative numbers to choose to disinstall. Use - to toggle all items.  
Use "insatll" to quit this menu and to the install

Selection?

8. If this is the only product on the tape, the installation procedure will now ask you if you wish to **install** or **de-install** the product. Enter **install** as shown in the next screen example.

```
Setting up installation environment. Hang on...
tar: blocksize = 65536 blocking = 84
This tape contains only release 2.1.1 of CONVEX CXbatch.

Do you wish to install or de-install it? install
```

---

## Note

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The installation procedure will not de-install the CONVEX CXbatch V2.1.1 release. To properly de-install this release please revert back to the previous version of CONVEX CXbatch which should be on your backup tapes of the system before this procedure began.

The installation will begin, and the patched files will be installed.

```
[Installing CONVEX CXbatch 2.1.1]
```

```
-----  
--- CONVEX CXbatch 2.1.1 PATCH Release  
-----
```

```
--- Reading CONVEX CXbatch 2.1.1 from tape...  
--- Done reading tape.
```

```
--- Installing updated files.  
--- Installation of CXbatch 2.1.1 complete.
```

9. Now unmount the tape drive. Enter the command shown in the next example screen.

```
# /usr/convex/tpunmount
```

10. Now that the patch is completed you will need to restart CXbatch in order for the patch to take effect.

```
# /usr/convex/qmgr start cxbatch  
CXbatch manager(WARN): Local daemon is not present.  
CXbatch manager[TCML_COMPLETE ]: Transaction complete at local host.
```

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## Sample Session Installing CONVEX CXbatch V2.1.1

```
# tpmount
Tape device /dev/rmt20 allocated.

# installsw -i -d /dev/rmt20
Tape device is /dev/rmt20

** Installsw Header File From Tape **
Copyright 1991 CONVEX Computer Corp.
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CREATED ON Mon Dec 30 15:28:13 CDT 1991
710-003915-210 CONVEX CXbatch, release 2.1.1 3

Choose the type of installation you want to perform:

LOCAL --> install on this machine
REMOTE --> install on a remote machine
ABORT --> abort installation

Enter your selection now --> local

Setting up installation environment. Hang on...
tar: blocksize = 65536 blocking = 84
This tape contains only release 2.1.1 of CONVEX CXbatch.

Do you wish to install or de-install it? install
[Installing CONVEX CXbatch v2.1.1]

-----

--- CONVEX CXbatch 2.1.1 PATCH Release

-----

--- Reading CONVEX CXbatch 2.1.1 from tape...
--- Done reading tape.

--- Installing updated files.
--- Installation of CONVEX CXbatch 2.1.1 complete.
```