

# AMPプライベートクラウドPC3000の再イメージ化とバックアップの復元

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## 概要

このドキュメントでは、高度なマルウェア防御(AMP)プライベートクラウドハードウェアアプライアンスを工場出荷時の状態に再イメージ化し、バックアップを復元する方法について説明します。アプライアンスを工場出荷時の状態に戻すだけの場合は、ステップ8をスキップして、通常のインストールに従います。

## 前提条件

### 要件

次の項目に関する知識があることが推奨されます。

- Cisco AMPプライベートクラウドPC3000
- Cisco Integrated Management Controller(CIMC)によるカーネルベースの仮想マシン(KVM)アクセス

### 使用するコンポーネント

このドキュメントの情報は、次のソフトウェアとハードウェアのバージョンに基づいています。

- Cisco AMPプライベートクラウドPC3000 3.1.1
- KVMコンソールにアクセスするためのChromeブラウザ

このドキュメントの情報は、特定のラボ環境にあるデバイスに基づいて作成されました。このドキュメントで使用するすべてのデバイスは、初期(デフォルト)設定の状態から起動しています。本稼働中のネットワークでは、各コマンドによって起こる可能性がある影響を十分確認してください。

## 設定

ステップ1:CIMCにログインします。KVMコンソールを開きます。

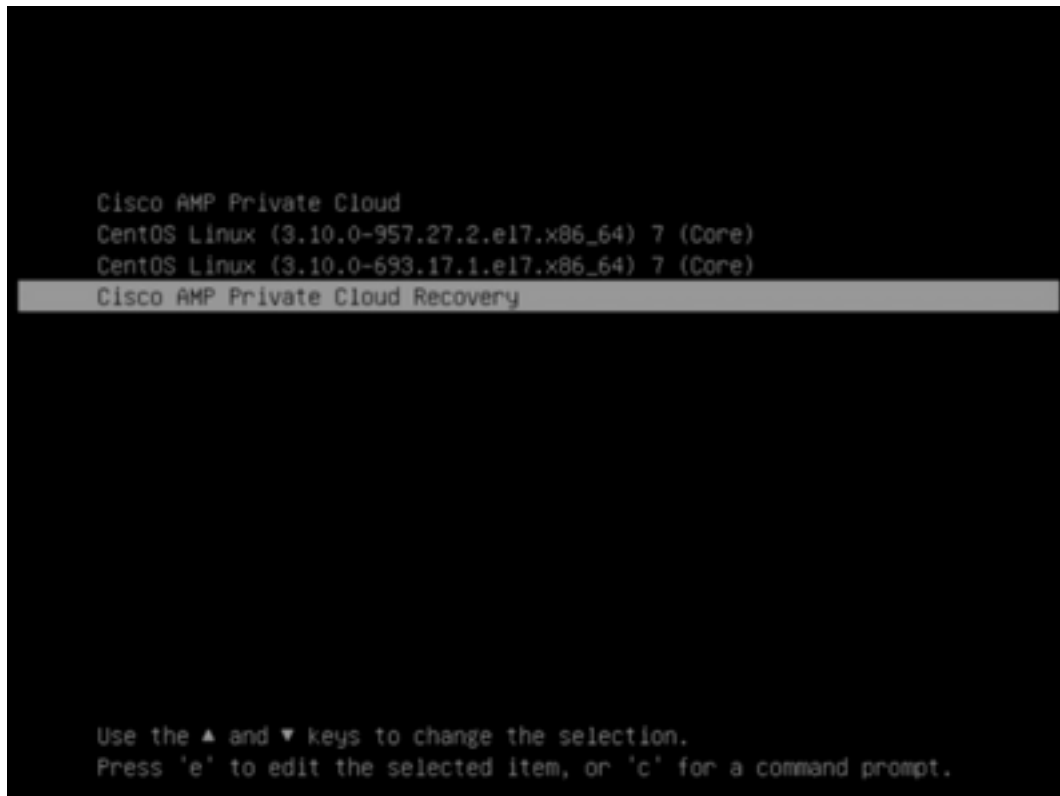
ブラウザでそのページのポップアップが有効になっていることを確認します。

ステップ2 : アプライアンスをリロードします。

アプライアンスは、管理ポータル、セキュアシェル(SSH)、またはCIMC KVMを介してリブートできます。

ステップ3:Basic Input Output System(BIOS)Power-on self-test(POST)が完了すると、GNU GRand Unified Bootloader(GRUB)メニューが表示されます。

[Cisco AMP Private Cloud Recovery] > [Appliance Reinstall Options] > [Appliance Reinstall]を選択します。



```
Cisco AMP Private Cloud
CentOS Linux (3.10.0-957.27.2.el7.x86_64) 7 (Core)
CentOS Linux (3.10.0-693.17.1.el7.x86_64) 7 (Core)
Cisco AMP Private Cloud Recovery

Use the ▲ and ▼ keys to change the selection.
Press 'e' to edit the selected item, or 'c' for a command prompt.
```

Attempt Regular Boot  
Recovery Boot  
Appliance Reinstall Options  
Wipe Appliance Options  
Boot previous Recovery Boot version



Press enter to boot the selected OS, "e" to edit the commands before booting or "c" for a command-line.

Appliance Reinstall  
Attempt Regular Boot  
Recovery Menu

The appliance will be re-installed to factory defaults. Using this functionality requires the following credentials to be entered.

Username: reinstall  
Password: yes



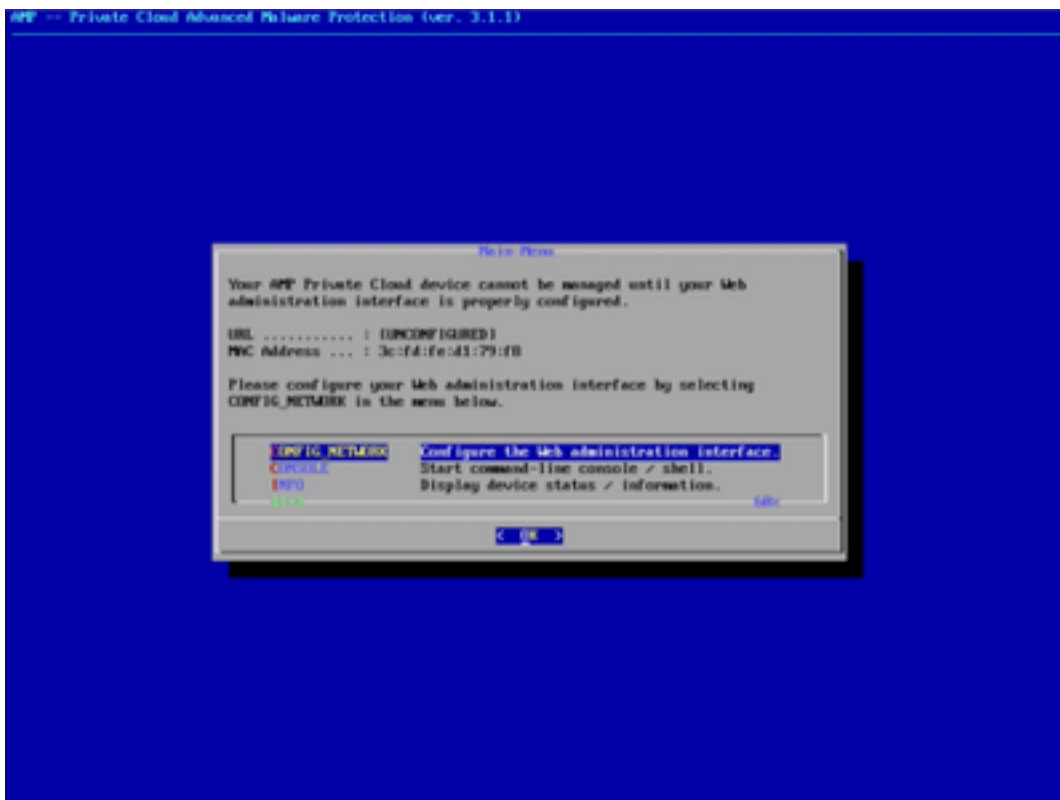
Press enter to boot the selected OS, "e" to edit the commands before booting or "c" for a command-line.

ステップ4 : ユーザ名とパスワードを入力します。

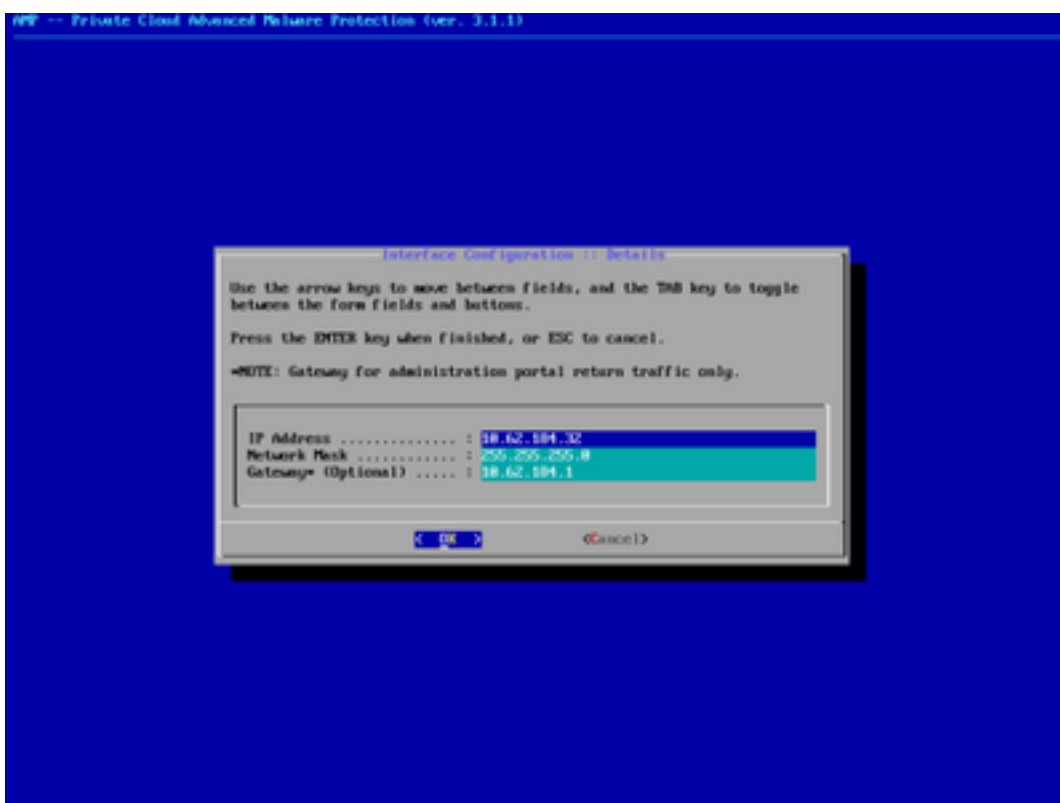
ユーザ名:再インストール

パスワード : あり





ステップ6: CONFIG\_NETWORKサブメニューでネットワークを設定します。



ステップ7 : ステップ5のパスワードでAMP OPadminポータルにログインします。



## Password Required

Authentication is required to administer your AMP for Endpoints Private Cloud device. The password can be found on the device console of your Private Cloud device.

This site is best viewed in: Internet Explorer 10+, Firefox 14+, Safari 6+, or Chrome 20+

[Password Recovery](#)

Support

ステップ8:SFTPまたはSCPを使用して、リモートサーバから/data/にバックアップをダウンロードします。


The screenshot shows the AMP for Endpoints Private Cloud Administration Portal interface. The top navigation bar includes the Cisco logo, the page title 'AMP for Endpoints Private Cloud Administration Portal', and links for 'Help' and 'Logout'. Below the navigation bar is a menu with 'Configuration', 'Operations', 'Status', 'Integrations', and 'Support'. The main content area is titled 'Install or Restore' and contains several sections:

- Installation Options:** A list of options with checkmarks, including 'Install or Restore', 'Licenses', 'Welcome', 'Deployment Mode', 'Standalone Operation', 'AMP for Endpoints Console', 'Account', and 'Hardware Configuration'.
- Configuration:** A list of configuration options with checkmarks, including 'Network', 'Date and Time', 'Certificate Authorities', 'Upstream Proxy Server', 'Email', 'Notifications', 'Backup', 'SSH', 'Syslog', and 'Updates'.
- Services:** A list of services with checkmarks, including 'Authentication', 'AMP for Endpoints Console', 'Disposition Server', 'Extended Protocol', 'Disposition Update', 'Service', and 'Firepower Management Center'.
- Other:** A list of other options with checkmarks, including 'Review and Install'.
- Start Installation:** A green button with a right-pointing arrow.
- Preparing Restore:** A blue box with the text 'Preparing Restore' and 'Your restore file is being processed, please wait.'
- Clean Installation:** A section with a green 'Start >' button.
- Restore:** A section with tabs for 'Local', 'Remote', and 'Upload'. It contains a text input field with a file selection icon and the text '+ Choose Restore File', a dropdown menu showing 'data', and a green 'Start >' button.

# Restore

Local Remote Upload

Restore from a backup file present on the device. Files will be extracted to the directory your backup is located in during the restore process; for this reason, it is recommended that the file be located in the /data directory.

 /data/amp.bak

ステップ9 : ハードウェア構成を確認し、[Next] > [Start Installation]をクリックします。

**AMP for Endpoints** Private Cloud Administration Portal Help Logout

Configuration Operations Status Integrations Support Standalone

## Hardware Configuration

	Installed	Minimum Required
CPU Cores	48	8
Memory	1510 GB	128 GB

[Next >](#)

**Installation Options**  
Only the License section can be altered after installation.

- > Install or Restore ✓
- > License ✓
- > Welcome ✓
- > Deployment Mode ✓
- > Standalone Operation ✓
- > AMP for Endpoints Console ✓
- > Account ✓
- > **Hardware Configuration**

**Configuration**

- > Network ✓
- > Date and Time ✓
- > Certificate Authorities ✓
- > Upstream Proxy Server ✓
- > Email ✓
- > Notifications ✓
- > Backup ✓
- > SSH ✓
- > Syslog ✓
- > Updates ✓

**Services**

- > Authentication ✓
- > AMP for Endpoints Console ✓
- > Disposition Server ✓
- > Disposition Server ✓
- > Extended Protocol ✓
- > Disposition Update ✓
- > Service ✓
- > Finpower Management Center ✓

**Other**

- > Review and Install

[Start Installation](#)



## Installation Options

Only the License section can be altered after installation.

- > Install or Restore ✓
- > License ✓
- > Welcome ✓
- > Deployment Mode ✓
- > Standalone Operation ✓
- > AMP for Endpoints Console Account ✓
- > Hardware Configuration ✓

## Configuration

- > Network ✓
- > Date and Time ✓
- > Certificate Authorities ✓
- > Upstream Proxy Server ✓
- > Email ✓
- > Notifications ✓
- > Backup ✓
- > SSH ✓
- > Syslog ✓
- > Updates ✓

## Services

- > Authentication ✓
- > AMP for Endpoints Console ✓
- > Disposition Server ✓
- > Disposition Server ✓
- > Extended Protocol ✓
- > Disposition Update ✓
- > Service ✓
- > Firewall Management Center ✓

## Other

- > Review and Install

▶ Start Installation

## Review and Install

Review the following information and, once you are satisfied with your configuration settings, begin the installation. Note that the configuration shown below cannot be altered after installation.

### Restore Ready

Your configuration has been restored, and your data will be restored during installation. You may review and edit some parts of your configuration before proceeding with installation.

#### Installation Type

✎ Edit

#### Standalone Connected

- Requires an Internet Connection
- Communication with AMP for Endpoints Connectors managed by this device are needed.
- Disposition queries are handled by the Private Cloud device.
- Content updates contain TETRA definitions as well as file disposition information.
- Updates may be downloaded separately or automatically on this device.

#### AMP for Endpoints Console Account

✎ Edit

Name	Wojciech Cecot
Email Address	wcecot@cisco.com
Business Name	Cisco - wcecot

#### Recovery

When restoring from a backup, a recovery image is not required.

▶ Start Installation

## The device is installing...

Please wait for this page to redirect you. Refreshing manually might cause problems. Installation time is typically under 20 minutes.

State	Started	Finished	Duration
▶ Pending	Tue May 12 2020 10:05:17 GMT+0200 (Central European Summer Time) 0 day, 0 hour, 0 minute, 46 seconds ago	⊙ Please wait...	⊙ Please wait...

Your device will need to be rebooted after this operation.

Reboot

#### Output

```

[2020-05-12T08:05:18+00:00] DEBUG: Loading plugin at /opt/chef/embedded/lib/ruby/gems/2.3.0/gems/shai-8.20.0/lib/shai/plugins/ruby.rb
[2020-05-12T08:05:18+00:00] DEBUG: Loading plugin at /opt/chef/embedded/lib/ruby/gems/2.3.0/gems/shai-8.20.0/lib/shai/plugins/network.rb
[2020-05-12T08:05:18+00:00] DEBUG: Loading plugin at /opt/chef/embedded/lib/ruby/gems/2.3.0/gems/shai-8.20.0/lib/shai/plugins/powershell.rb
[2020-05-12T08:05:18+00:00] DEBUG: Loading plugin at /opt/chef/embedded/lib/ruby/gems/2.3.0/gems/shai-8.20.0/lib/shai/plugins/os.rb
[2020-05-12T08:05:18+00:00] DEBUG: Plugin Kernel: ran 'uname -s' and returned 0
[2020-05-12T08:05:18+00:00] DEBUG: Plugin Kernel: ran 'uname -r' and returned 0
[2020-05-12T08:05:18+00:00] DEBUG: Plugin Kernel: ran 'uname -v' and returned 0
[2020-05-12T08:05:18+00:00] DEBUG: Plugin Kernel: ran 'uname -m' and returned 0
[2020-05-12T08:05:18+00:00] DEBUG: Plugin Kernel: ran 'uname -p' and returned 0
[2020-05-12T08:05:18+00:00] DEBUG: Plugin Kernel: ran 'uname -o' and returned 0
[2020-05-12T08:05:18+00:00] DEBUG: Plugin Kernel: ran 'env lscod' and returned 0
[2020-05-12T08:05:18+00:00] DEBUG: Plugin LSB: ran 'lsb_release -a' and returned 0

```

Download Output



ステップ10：復元が成功したら再起動が必要です。

### The device is installing...

Please wait for this page to redirect you. Refreshing manually might cause problems. Installation time is typically under 20 minutes.

State	Started	Finished	Duration
Successful	Tue May 12 2020 10:05:17 GMT+0200 (Central European Summer Time) 0 day, 0 hour, 34 minutes, 19 seconds ago	Tue May 12 2020 10:22:17 GMT+0200 (Central European Summer Time) 0 day, 0 hour, 17 minutes, 19 seconds ago	0 day, 0 hour, 16 minutes, 59 seconds

Your device will need to be rebooted after this operation.

[Reboot](#)

#### Output

```
=====
[2020-05-12T00:22:15+00:00] INFO: Mapping folders to ensure that they are valid
[2020-05-12T00:22:15+00:00] INFO: Running report handlers
[2020-05-12T00:22:15+00:00] INFO: Report handlers complete
[2020-05-12T00:22:15+00:00] DEBUG: Server doesn't support resource history, skipping resource report.
[2020-05-12T00:22:15+00:00] DEBUG: Audit Reports are disabled. Skipping sending reports.
[2020-05-12T00:22:15+00:00] DEBUG: Forked instance successfully reaped (pid: 97568)
[2020-05-12T00:22:15+00:00] DEBUG: Exiting
Sending system notification (this may take some time).
Running retryable command, 40 retries remaining.

=====
Chef run finished successfully
=====

Installation has finished successfully! Please reboot!
=====
```

[Download Output](#)

## 確認

アップライアンスをリブートした後、両方のポータルが正常に動作するかどうかを確認します。WebブラウザでOPadminポータルとコンソールポータルを開いてください。両方のポータルにアクセスするには数分かかります。

## トラブルシューティング

バックアップの復元プロセスの場合、OPadminポータルとコンソールポータルのパスワードは以前と同じです。それ以外の場合は、ウィザードで設定したものを使用する必要があります。