

# 在本地EPNM或远程服务器上创建设备配置备份

。

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## 简介

本文档介绍在本地演进可编程网络管理器(EPNM)或远程服务器上复制设备配置备份的步骤

作者：Jaminder Singh Bali，思科TAC工程师。

## 先决条件

### 要求

Cisco建议您了解这些主题

- EPNM
- 如何通过外壳访问连接到EPNM应用服务器GUI和CLI

### 使用的组件

本文档中的信息基于软件版本5.x的EPNM。

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您的网络处于活动状态，请确保您了解所有命令的潜在影响。

## 问题

无法复制本地EPNM/远程服务器上的设备配置备份

## 解决方案

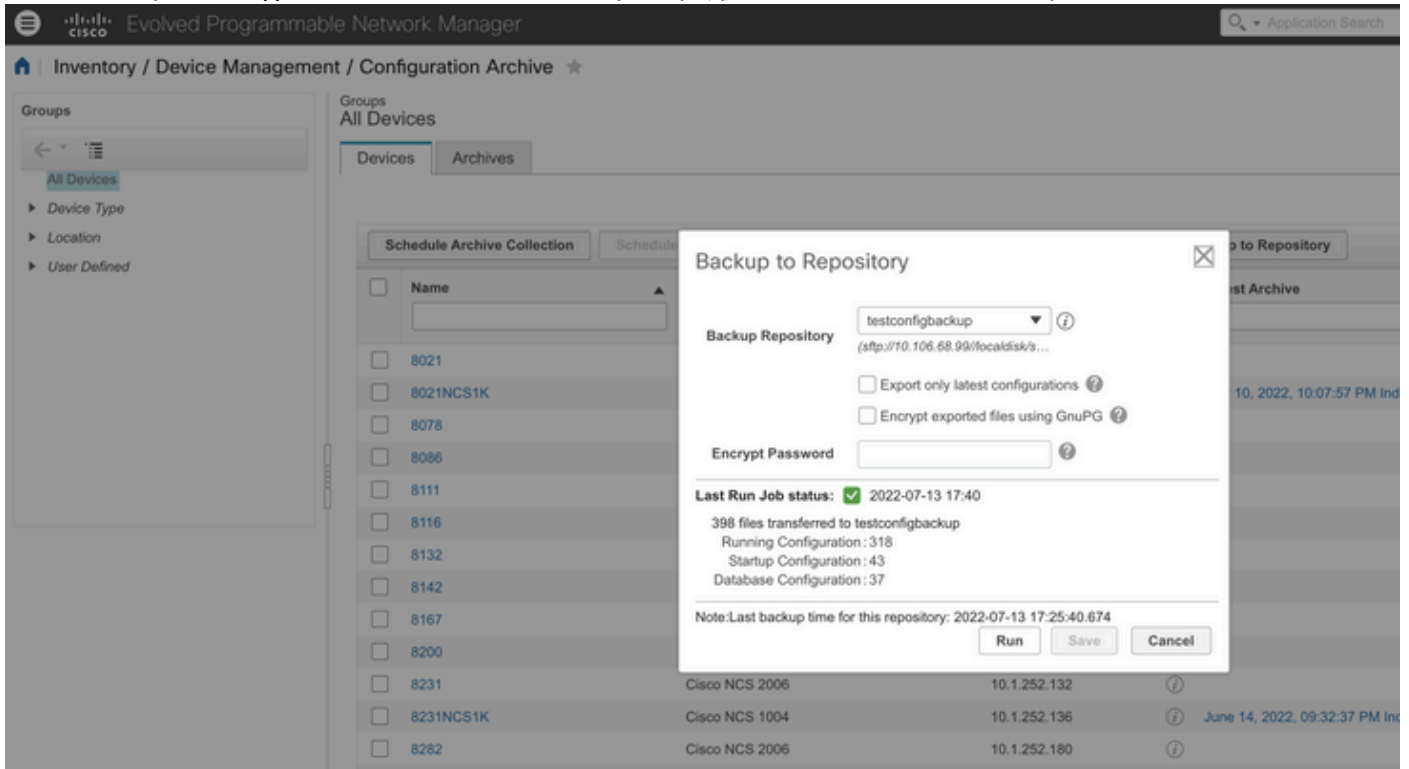
1. 创建本地或远程存储库方法

```

epnm50/admin# config t
epnm50/admin(config)# repository testconfigbackup
epnm50/admin(config-Repository-testconfigbackup) # url sftp://< IP address of local or remote server>/localdisk/sftp/ccmbakup
epnm50/admin(config-Repository-testconfigbackup) # user test password plain cisco123
epnm50/admin(config-Repository-testconfigbackup) # end

```

- 从Config Archive(EPNM GUI->Inventory->Config Archive->选择存储库 Backup to Repository) , 然后单击 Run.确保为备份创建的目录具有在远程服务器上创建文件的适当权限。



- 要检查在本地或远程服务器上收集的配置，请运行命令

```

epnm50/admin# show repository testconfigbackup
CiscoPrime-epnm50_ConfigArchive_2022-07-13_17-25-40.zip
epnm50/admin#

```

本地/远程服务器

```

root@epnm60 ccmbakup]# ls -lrt
total 4880
-rw-rw-r--. 1 root gadmin          0 Jul 13 17:32 abc.cfg
-rw-rw-r--. 1 test gadmin           0 Jul 13 17:39 cde.cfg
-rw-r--r--. 1 test gadmin 4995674 Jul 13 17:40 CiscoPrime-epnm50_ConfigArchive_2022-07-13_17-25-40.zip

```

## 2)API调用方法

我们还可以使用如图所示的restconf API将任何北向服务器上的所有设备或特定设备的配置备份获取为

<https://>

```
Not Secure | https://10.106.68.99/webacs/api/v1/data/BulkUnsanitizedConfigArchives?full=true
ANA-Links My Links Current info PP Links General DB/Linux L... PC&PPM Casemon links Imported From IE EPNM Metrics Check-SP... ICE Imp Link NSO
This XML file does not appear to have any style information associated with it. The document tree is shown below.
<?xml version="1.0" encoding="UTF-8" root="https://10.106.68.99/webacs/api/v1/data/BulkUnsanitizedConfigArchives?full=true" type="BulkUnsanitizedConfigArchives" url="https://10.106.68.99/webacs/api/v1/data/BulkUnsanitizedConfigArchives/4087236200">
  <BulkUnsanitizedConfigArchivesDTO displayName="4087236200" id="4087236200">
    <comments>Backup has not been performed because the device configuration has not changed since the last backup</comments>
    <createdAt>2021-06-23T15:59:06.178+05:30</createdAt>
    <createdBy>@yalego</createdBy>
    <deviceId>4258325072</deviceId>
    <deviceName>POC-RR-920.ceadata.corp</deviceName>
    <diffType>IM_SYNC</diffType>
  </BulkUnsanitizedConfigArchivesDTO>
  <files>
    <data>#! Last configuration change at 15:52:57 CEST Wed Jun 23 2021 by @yalego!! NVRAM config last updated at 15:37:35 CEST Wed Jun 23 2021 by adminpoc | version 16.12 no service pad service timestamps debug
    dateTime msec localtime show-timezone year service timestamps log dateTime msec localtime show-timezone year service password-encryption service unsupported-transactioner no platform punt-keepalive disable-kernel-co
    platform bfd-debog-trace | platform sconnect load-balance-hsh-algo mac-ip-lanstackid platform scan-parity-error enable platform scan-threshold alarm-frequency | | hostname POC-RR-920 | boot-start-marker boot vrf
    bootflash:ar920-universalk9_ipe.16.12.05.SPA.bin boot-end-marker | | vrf definition Mgmt-MOB rd 6542111 | address-family ipv4 route-target export 65421:10 route-target import 65421:10 exit-address-family | vrf
    definition Mgmt-intf | address-family ipv4 exit-address-family | address-family ipv6 exit-address-family | logging username logging buffered 1000000 logging persistent size 6400000 filesize 512000 no logging console
    enable secret 9 996w7r9VU1GCL9P85Tpb4yYndLn4E.AMLsbBqIqr/Im.RWdWj5J0u17Q | no aaa new-model clock timezone CET 1 0 clock summer-time CEST recurring last Sun Mar 2:00 last Sun Oct 3:00 | | | | ip domain
    lookup source-interface Loopback0 ip domain name ceadata.corp | | login on-failure log no login on-success log | | | | | mpia label range 4000 32767 static 100 5999 mpia label protocol ldp mpia ldp nsr mpia
    explicit-null mpia ldp graceful-restart mpia ldp session protection mpia ldp lpp sync holddown 1000 mpia ldp label allocate global prefix-list PFX-LDP-81303MG mpia ldp discovery targeted-hello accept mpia traffic-
    tunnels mpia traffic-eng logging ldp path-errors mpia traffic-eng logging ldp reservation-errors mpia traffic-eng logging ldp preemption mpia traffic-eng logging ldp setup mpia traffic-eng logging ldp teardown a
```

API调用列表获取每台设备的所有单独API，作为

https://

```
Not Secure | https://10.106.68.99/webacs/api/v1/data/BulkUnsanitizedConfigArchives
ANA-Links My Links Current info PP Links General DB/Linux L... PC&PPM Casemon links Imported From IE EPNM Metrics Check-SP... ICE Imp Link NSO
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<?xml version="1.0" encoding="UTF-8" root="https://10.106.68.99/webacs/api/v1/data/BulkUnsanitizedConfigArchives" type="BulkUnsanitizedConfigArchives" url="https://10.106.68.99/webacs/api/v1/data/BulkUnsanitizedConfigArchives/4087236200">
  <BulkUnsanitizedConfigArchivesDTO displayName="4087236200" id="4087236200">
    <comments>Backup has not been performed because the device configuration has not changed since the last backup</comments>
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    dateTime msec localtime show-timezone year service timestamps log dateTime msec localtime show-timezone year service password-encryption service unsupported-transactioner no platform punt-keepalive disable-kernel-co
    platform bfd-debog-trace | platform sconnect load-balance-hsh-algo mac-ip-lanstackid platform scan-parity-error enable platform scan-threshold alarm-frequency | | hostname POC-RR-920 | boot-start-marker boot vrf
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    explicit-null mpia ldp graceful-restart mpia ldp session protection mpia ldp lpp sync holddown 1000 mpia ldp label allocate global prefix-list PFX-LDP-81303MG mpia ldp discovery targeted-hello accept mpia traffic-
    tunnels mpia traffic-eng logging ldp path-errors mpia traffic-eng logging ldp reservation-errors mpia traffic-eng logging ldp preemption mpia traffic-eng logging ldp setup mpia traffic-eng logging ldp teardown a
```

## 关于此翻译

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