

Creare il backup della configurazione del dispositivo su EPNM locale o su server remoto.

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Introduzione

In questo documento viene descritto come copiare il backup della configurazione del dispositivo in EPNM (Evolved Programmable Network Manager) o in un server remoto

Contributo di Jaminder Singh Bali, Cisco TAC Engineer.

Prerequisiti

Requisiti

Cisco raccomanda la conoscenza dei seguenti argomenti

- EPNM
- Come connettersi alla GUI e alla CLI del server applicazioni EPNM con accesso alla shell

Componenti usati

Le informazioni fornite in questo documento si basano su EPNM con software versione 5.x.

Le informazioni discusse in questo documento fanno riferimento a dispositivi usati in uno specifico ambiente di emulazione. Su tutti i dispositivi menzionati nel documento la configurazione è stata ripristinata ai valori predefiniti. Se la rete è operativa, valutare attentamente eventuali conseguenze derivanti dall'uso dei comandi.

Problema

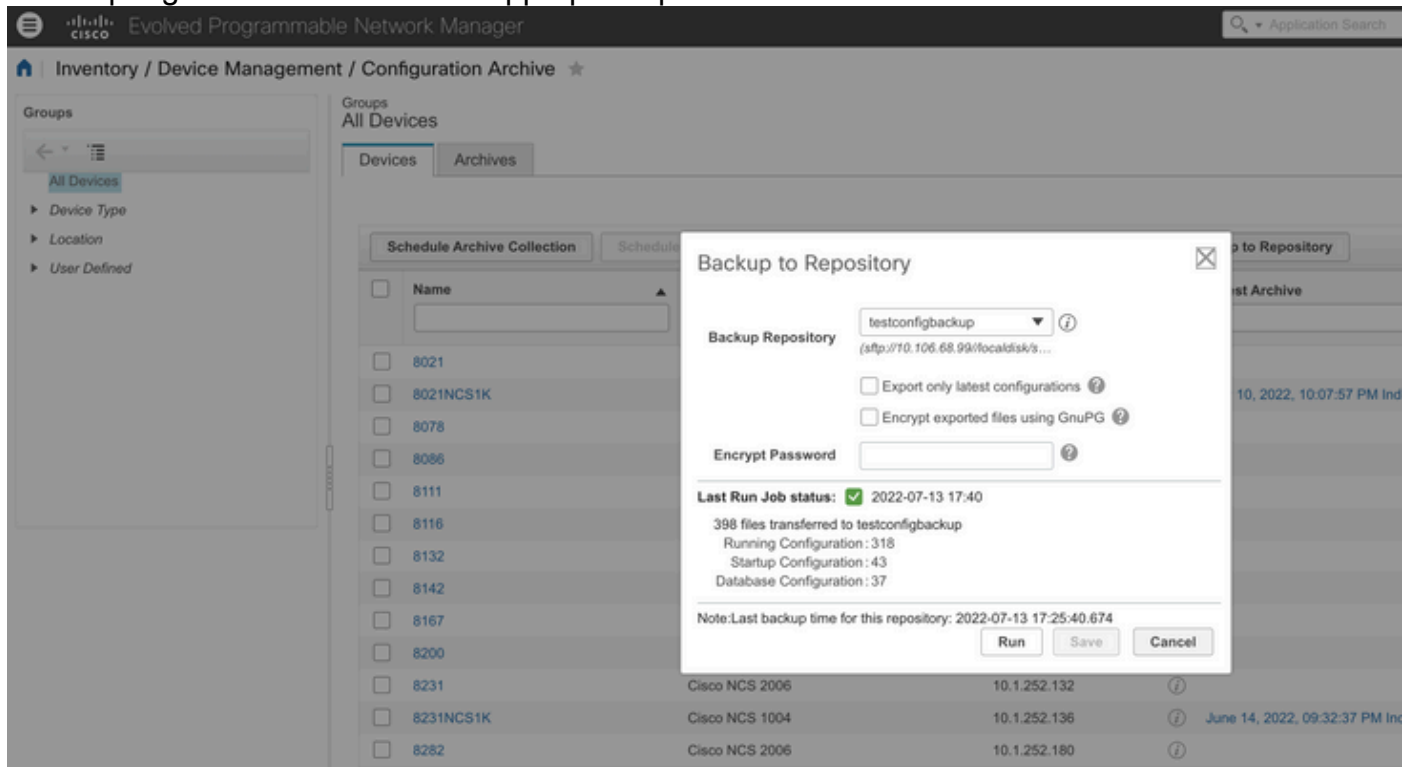
Impossibile copiare il backup di configurazione dei dispositivi sul server EPNM/remoto locale

Soluzione

1. Crea repository locale o remoto Metodo

```
epnm50/admin#
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/ccmbackup
epnm50/admin(config-Repository-testconfigbackup)# user test password plain cisco123
epnm50/admin(config-Repository-testconfigbackup)# end
```

- Scegliere il repository da Config Archive(EPNM GUI->Inventory->Config Archive-> Fare clic su Backup to Repository) e fare clic su Run. Verificare che la directory creata per i backup disponga delle autorizzazioni appropriate per la creazione di file nel server remoto.



- Per verificare la configurazione raccolta sul server locale o remoto, eseguire il comando

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

Server locale/remoto

```
root@epnm60 ccmbackup]# 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) Metodo di chiamata API

È inoltre possibile utilizzare l'API restconf come illustrato per recuperare il backup della configurazione di tutti i dispositivi o di un dispositivo specifico su qualsiasi server in direzione nord come

https://

```
Not Secure | https://10.106.68.99/webacs/api/v1/data/BulkUnsanitizedConfigArchives?full=true
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    <comments>Backup has not been performed because the device configuration has not changed since the last backup</comments>
    <createdAt>2021-04-23T15:59:06.178+05:30</createdAt>
    <createdBy>Syslog</createdBy>
    <deviceId>425812572</deviceId>
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    <cliLine>
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        ! Last configuration change at 15:52:57 CEST Wed Jun 23 2021 by yppenncll ! 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 password-encryption service unsupported-transceiver no platform punt-keepalive disable-kernel-co
        platform bfd-debug-trace ! platform sconnert load-balance-hash-algo mac-ip-instanceid platform team-parity-error enable platform team-threshold alarm-frequency ! hostname POC-RR-920 ! boot-start-marker boot syst
        bootflash:arr920-universalk9.spe.16.12.05.EPA.k9 boot-end-marker ! ! vrf definition mgmt-0 rd 45421:1 ! address-family ipv4 route-target export 45421:1 route-target import 45421:10 exit-address-family ! vrf
        definition mgmt-intf ! address-family ipv4 exit-address-family ! address-family ipv4 exit-address-family ! logging username logging buffered 1000000 logging persistent size 4400000 filesize 512000 no logging cons
        enable secret 9 995e7rt9VVICL9Fk5tpab4yyadL40.A5tob3qLxR/!n.MYtW5jJ0u1Q ! no aaa new-model clock timezone CET 1 0 clock summer-time CEST recurring last Sun Mar 2000 last Sun Oct 3100 ! ! ! ! ! ip domain
        lookup source-interface loopback0 ip domain name ceasdata.corp ! ! ! login on-failure log no login on-success log ! ! ! ! ! mpia label range 6050 32767 static 100 5999 mpia label protocol ldp mpia ldp ner mpia
        explicit-mail mpia ldp graceful-restart mpia ldp session protection mpia ldp ssp async holddown 1000 mpia ldp label allocate global prefix-list PFX-LDP-330000 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 setups mpia traffic-eng logging ldp teardowns
```

Gli elenchi delle chiamate API per ottenere tutte le singole API per dispositivo come

https://

```
Not Secure | https://10.106.68.99/webacs/api/v1/data/BulkUnsanitizedConfigArchives
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