

Out of Sync Errors

Resource Manager Essentials Home

Auto Refresh **Version : 4.3.1**

Device Management Status		Collection Status	
Device State	Number of Devices	Operation	Devices : Status
Normal	99	Inventory	97 : Success
Pending	0		4 : Failed
Pre-deployed	0	Config Archive	99 : Success
Suspended	2		2 : Failed
Alias	0		0 : Partially Successful
Conflicting	0		50 : Out-of-Sync
Total Number of Devices	101		

24 Hour Syslog Severity Summary				24 Hour Changes	
Device Name	Emergencies	Alerts	Critical	Operation	Status

1. Date issue

When you open the issue, you see that the startup date is newer than the running config.

This does not agree with what the machine is saying.

NOTE: Prior to these screen shots, a sync on device was performed for the fifty objects. This is shown by the 8:30 time on March 30, 2010 on the machine itself.

Notice that the startup is Newer than the running

	Device Name	Startup	Diff	Running
1.	access-202j30-2960-01	Mar 30 2010 08:30:23		Mar 25 2010 18:28:05

Showing 50 records

Sync on Device

Startup Config

```
C:\ Telnet access-202j30-2960-01
Using 15955 out of 65536 bytes
?
? Last configuration change at 17:29:19 DST Tue Mar 23 2010 by svc_lms
? NURAM config last updated at 08:29:59 DST Tue Mar 30 2010 by svc_lms
?
```

Running Config

```
C:\ Telnet access-202j30-2960-01
Current configuration : 17718 bytes
?
? Last configuration change at 17:29:19 DST Tue Mar 23 2010 by svc_lms
? NURAM config last updated at 08:29:59 DST Tue Mar 30 2010 by svc_lms
?
```

Out of Sync Issue

Sync Job Results

Sync job shown here ran at 8:30 shows successful.

The screenshot shows the Cisco Archive Mgmt interface. At the top, it says 'Archive Mgmt Job Details as on Mar 30 2010 09:16:19 EDT'. Below this, the job ID is 2919 and the status is 'Successful'. On the left, there is a navigation menu with options: Job Details, Job Summary, Device Details, Successful Devices (selected), and Work Order. The main area displays a table of 27 records, all with a 'Successful' status. The table has columns for 'Device' and 'Status'. The device names are alphanumeric strings representing device identifiers.

	Device	Status
1.	access-203c9-2960-03	Successful
2.	access-203c9-2960-02	Successful
3.	access-203c9-2960-01	Successful
4.	access-203c3-2960-01	Successful
5.	access-203c16-2960-02	Successful
6.	access-203c16-2960-01	Successful
7.	access-203a9-2960-04	Successful
8.	access-203a9-2960-03	Successful
9.	access-203a9-2960-02	Successful
10.	access-203a9-2960-01	Successful
11.	access-203a16-2960-01	Successful
12.	access-203a01-2960-02	Successful
13.	access-203a01-2960-01	Successful
14.	access-202j30-2960-04	Successful
15.	access-202j30-2960-03	Successful
16.	access-202j30-2960-02	Successful
17.	access-202j30-2960-01	Successful
18.	access-202j30-2950-01	Successful
19.	access-202e19-2960-02	Successful
20.	access-202e19-2960-01	Successful
21.	access-202b25-2960-02	Successful
22.	access-202b25-2960-01	Successful
23.	access-202a2-29-2975-01	Successful
24.	access-201pc-2960-04	Successful
25.	access-201pc-2960-02	Successful
26.	access-201pc-2960-01	Successful
27.	access-201111-2960-04	Successful

Version Diff

-This is a screen shot of the difference that is seen.

-The question becomes is why doesn't this show up on other SSH enabled versions?

-When you go to the CLI for the switch, the command show startup-config does not show.

-Show running-config does show it.

-Technically...LMS is right!!!

The screenshot displays the Cisco Config Diff Viewer interface. The top bar shows the title 'lms101 - Config Diff Viewer - Microsoft Internet Explorer provided by DENSO Manufacturing, INC., Tenn.' and the Cisco logo. The main window is titled 'Archive Mgmt Config Diff Viewer: access-202J30-2960-01 Config Tue Mar 30 08:57:21 EDT 2010'. The interface is split into two panes: 'access-202J30-2960-01-Version-Startup :Created at Mar 30 2010 08:30:23' on the left and 'access-202J30-2960-01-Version-Running :Created at Mar 25 2010 18:28:05' on the right. The configuration is organized into sections: 'Configlets', 'Crypto-Crypto PKI', 'Spanning Tree', and 'vlan internal allocation policy ascending'. The 'Crypto-Crypto PKI' section shows a 'Certificate chain HTTPS_SS_CERT_KEYPAIR' with a self-signed certificate. The 'Spanning Tree' section shows 'spanning-tree mode pvst' and 'spanning-tree etherchannel guard misconfig'. The bottom of the image shows two terminal snippets. The left snippet shows the startup configuration commands: 'ip domain-name dntn1.naits.local', 'ip name-server 10.72.72.152', 'ip name-server 10.72.72.111', 'crypto pki trustpoint HTTPS_SS_CERT_KEYPAIR', 'enrollment self-signed', 'serial-number', 'revocation-check none', 'rsakeypair HTTPS_SS_CERT_KEYPAIR', 'crypto pki certificate chain HTTPS_SS_CERT_KEYPAIR', 'certificate self-signed 01 nvram:ES63680host#6C6C.cer', 'spanning-tree mode pvst', 'spanning-tree etherchannel guard misconfig', 'spanning-tree extend system-id', 'vlan internal allocation policy ascending', 'ip ssh authentication-retries 4', and 'ip scp server enable'. The right snippet shows the running configuration commands: 'crypto pki trustpoint HTTPS_SS_CERT_KEYPAIR', 'enrollment self-signed', 'serial-number', 'revocation-check none', 'rsakeypair HTTPS_SS_CERT_KEYPAIR', 'crypto pki certificate chain HTTPS_SS_CERT_KEYPAIR', 'certificate self-signed 01', and a large block of hexadecimal data representing the certificate chain.

Archive Settings

SCP is active on these machines, but is not shown to be being used.

Protocol	Config Type		
	Running	Startup	VLAN
Telnet	9	9	8
SSH	90	88	84
TFTP	0	0	NA
RCP	0	0	NA
SCP	0	0	NA
HTTPS	0	0	NA

Note: VLAN Config Fetch is supported only by Telnet/SSH.

Current Config Fetch Transport Settings: SSH:SCP:TELNET:TFTP:HTTPS:RCP [Edit Settings...](#)

Config Transport Settings

Application Name: **Archive Mgmt**

Config Fetch :	Available Protocols	Selected Protocol Order
	SSH SCP TELNET TFTP HTTPS RCP	SSH SCP TELNET TFTP HTTPS RCP
Config Deploy :	Available Protocols	Selected Protocol Order
	TELNET TFTP SSH HTTPS RCP SCP	TELNET TFTP SSH HTTPS RCP SCP

Buttons: > Add >> << Remove <

Buttons: Apply Cancel