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**CAE UCS 1.4.1
Schedule – Deferred
Maintenance example**



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1 Introduction

This White Paper will guide the user through the configuration and verification of the deferred maintenance scheduler. This feature allows for scheduling policy changes.

This examples show how to schedule a Service Profile firmware and CIMC upgrade and activation

The deferred maintenance scheduler can also schedule other activities. Please refer to the release documentation

1.1 What Cisco Provides

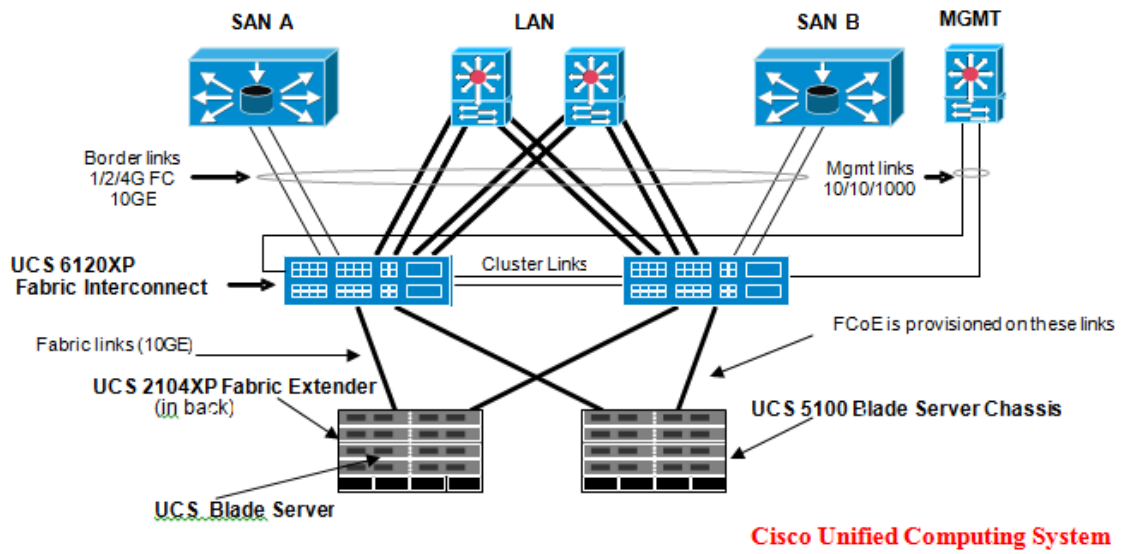
- Equipment
 - NA

- Software
 - UCS 1.4.1 Image

1.2 What the Field Site Must Provide

- Hardware Requirements
 - UCS system

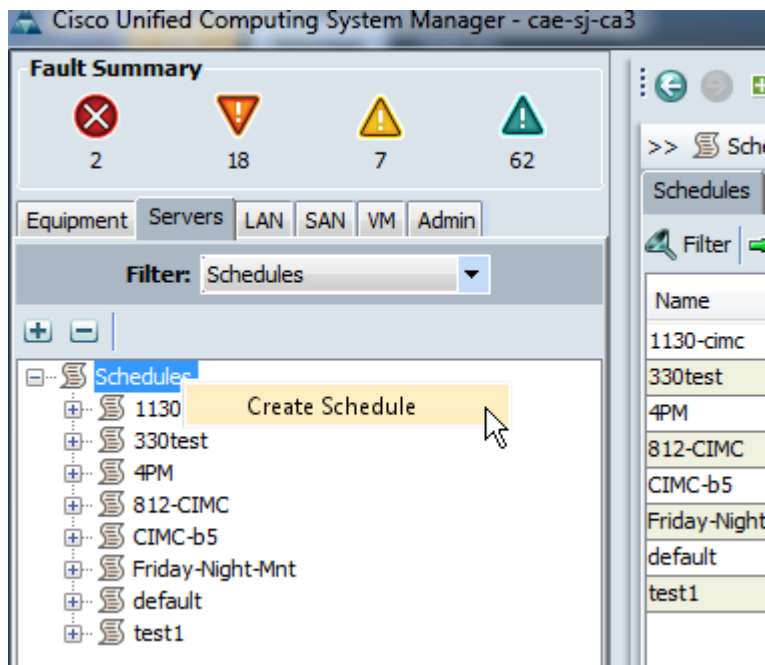
1.3 Topology Used for this configuration



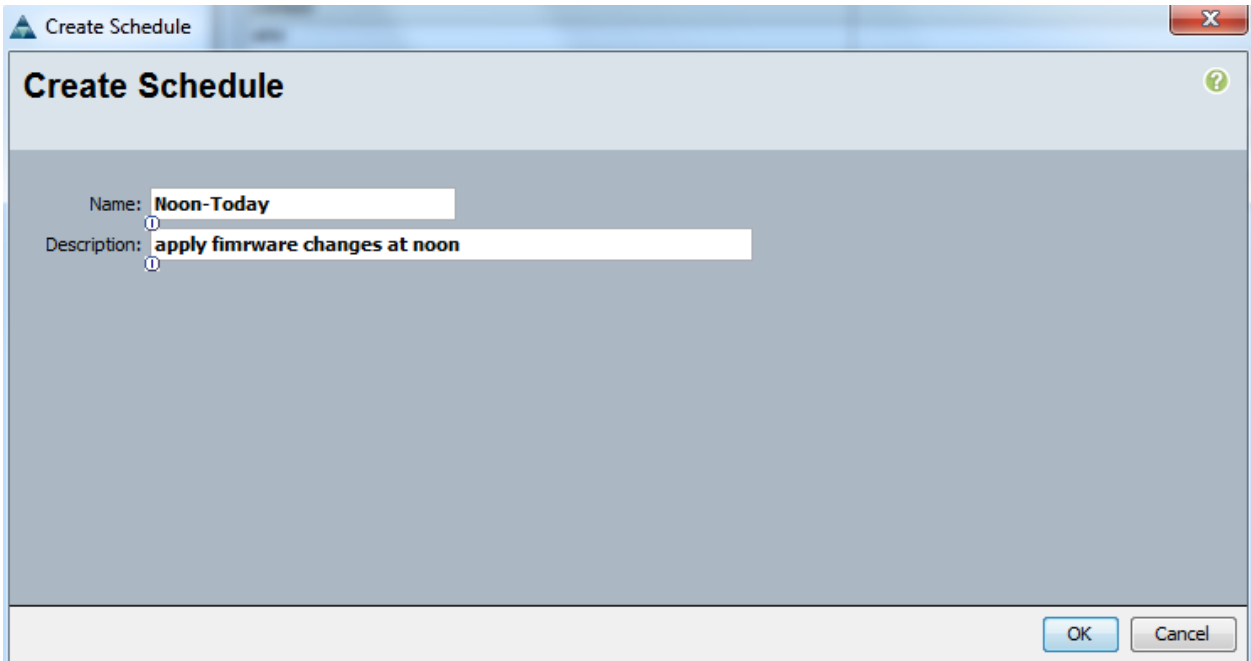
1.4 UCS Scheduler

Create a one-time schedule

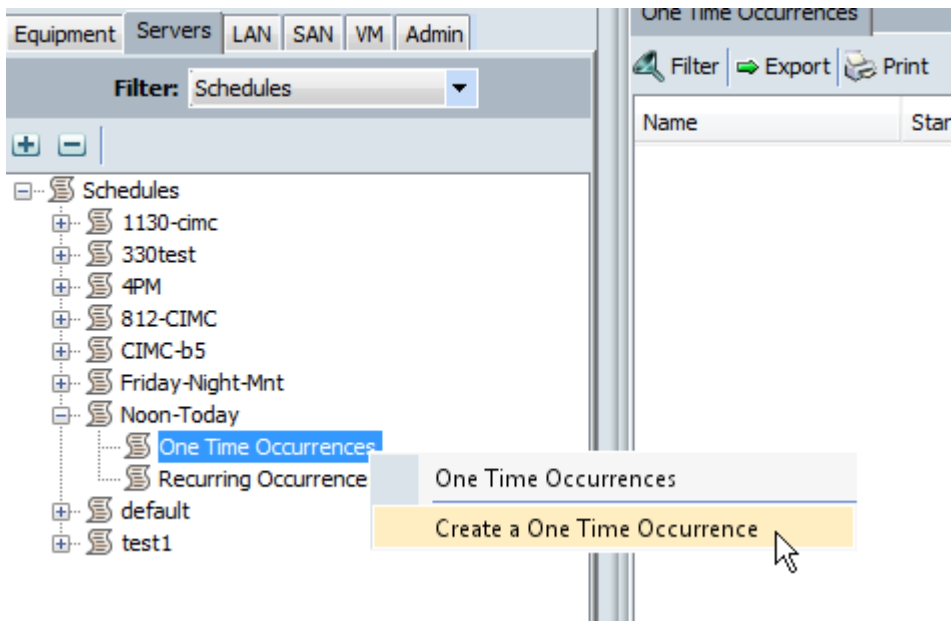
Right Mouse Click on Schedules

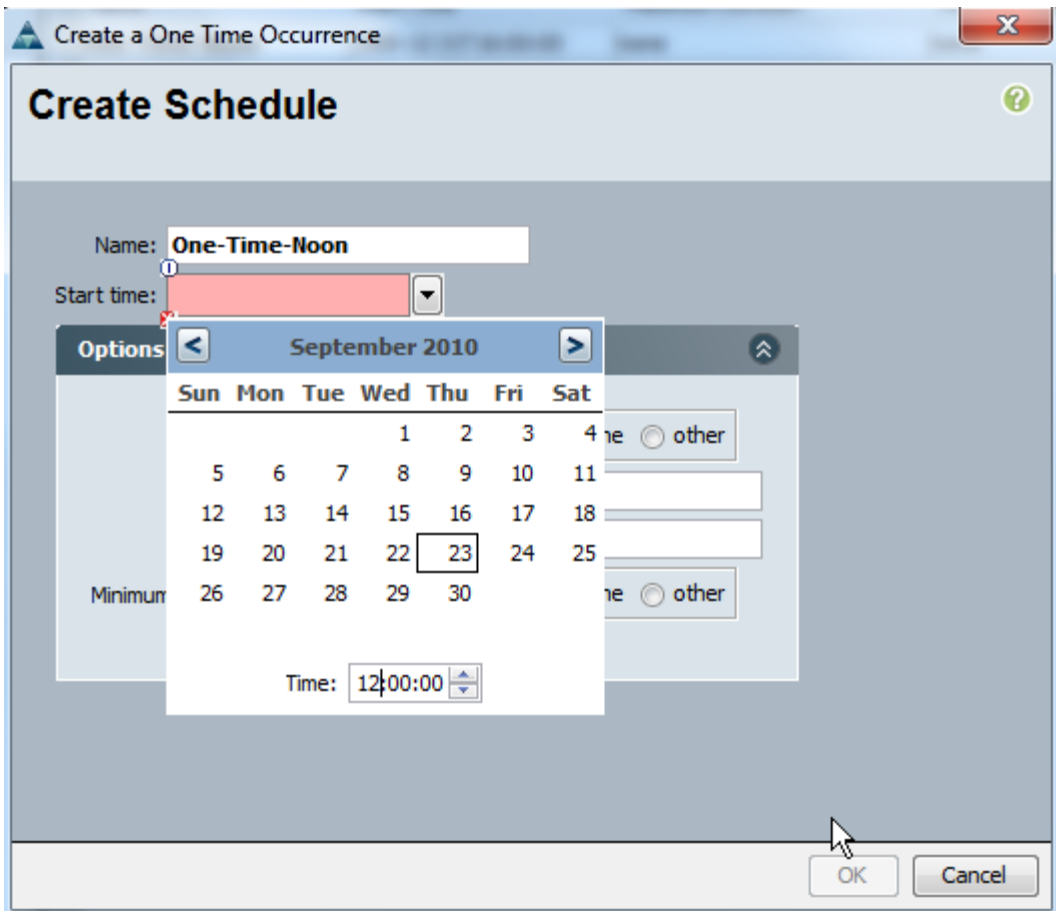


Create a template, no spaces or special characters allowed



Expand your schedule and right mouse click to add a One Time Occurrence





I've found by setting the time and selecting the date "23" in this case. It will populate the "Start Time" field

Create a One Time Occurrence

Create Schedule

Name:

Start time:

Options

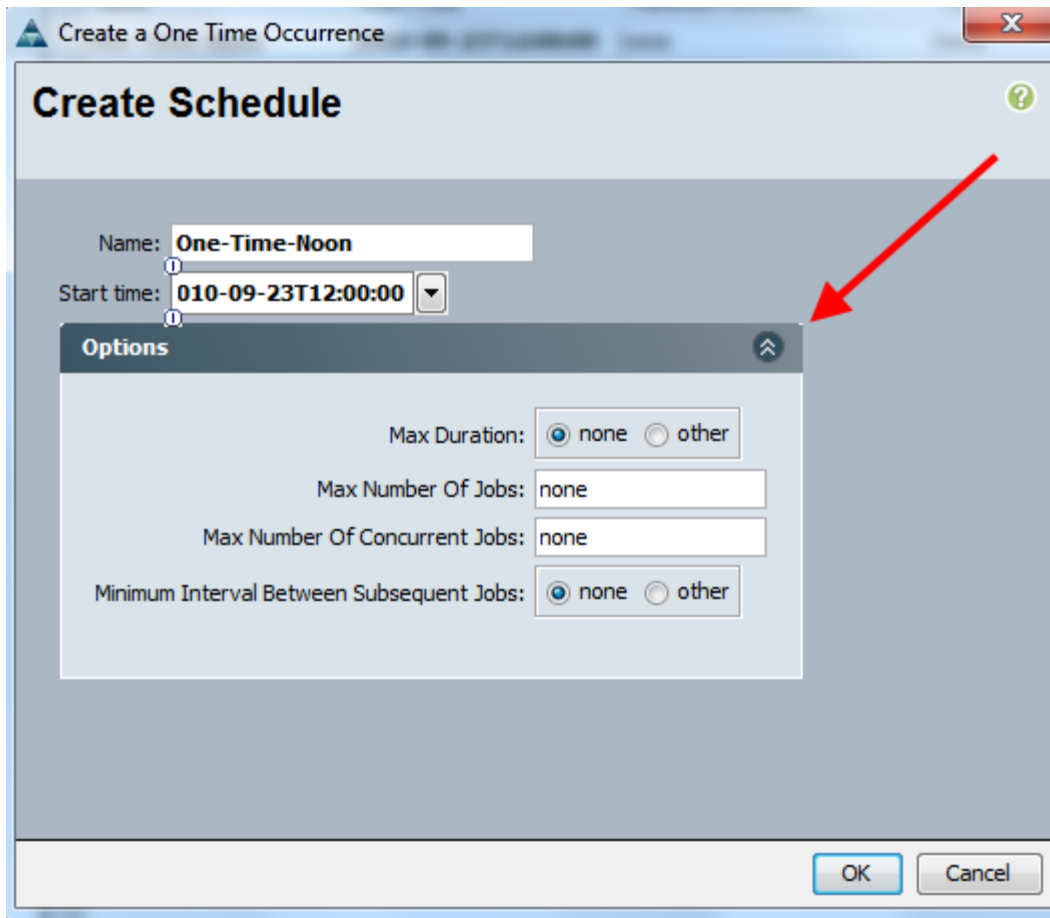
September 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Time:

OK Cancel

These fields are not applicable to a one time firmware of single or multiple blades. Leave them blank.

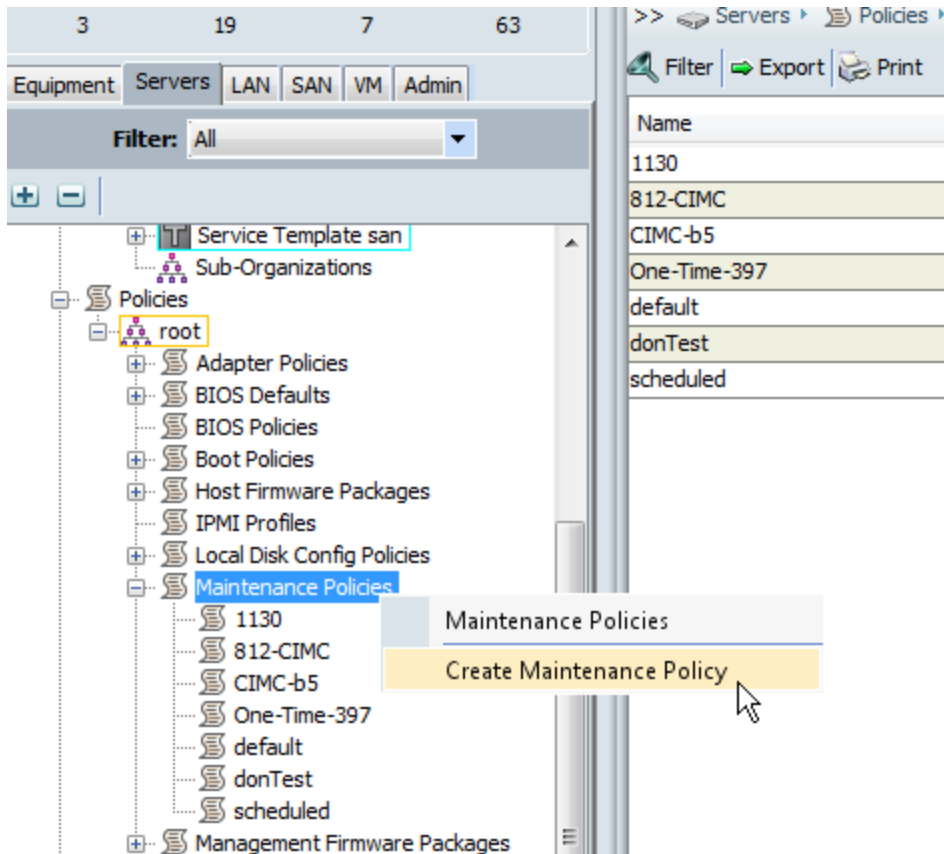


Expand the Schedule “Noon-Today” and then expand “One Time Occurrences” to see your schedule

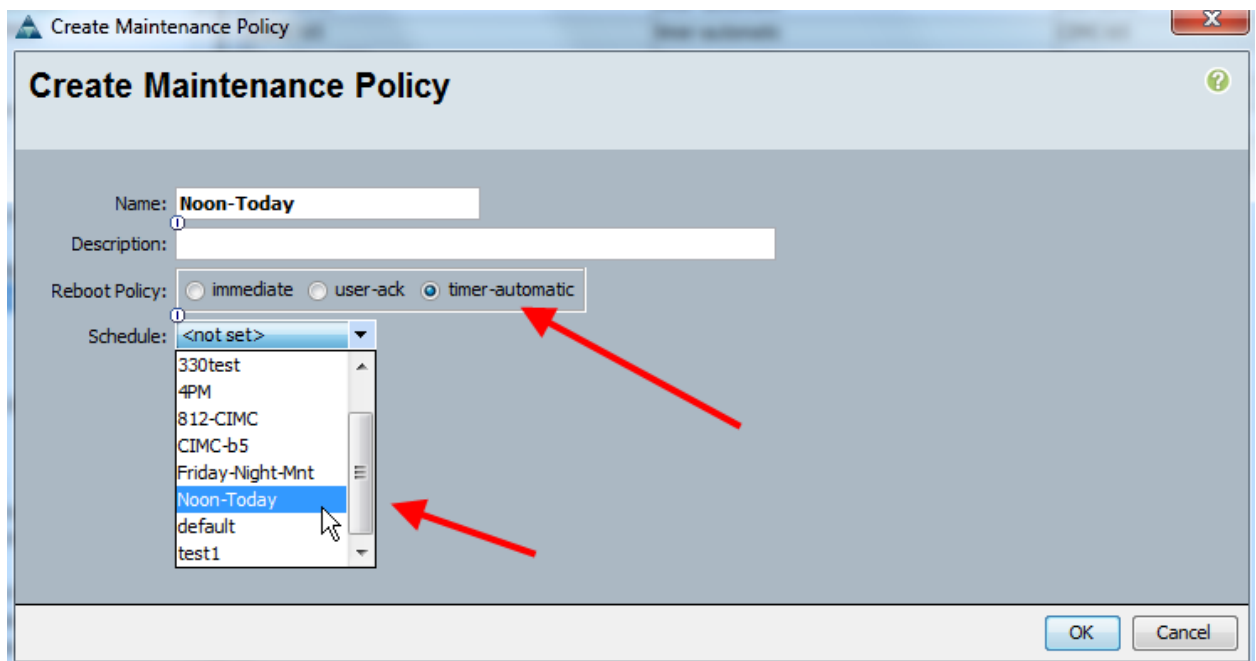
1.5 UCS Create Maintenance Policy

Create a Maintenance Policy and apply the Schedule to it

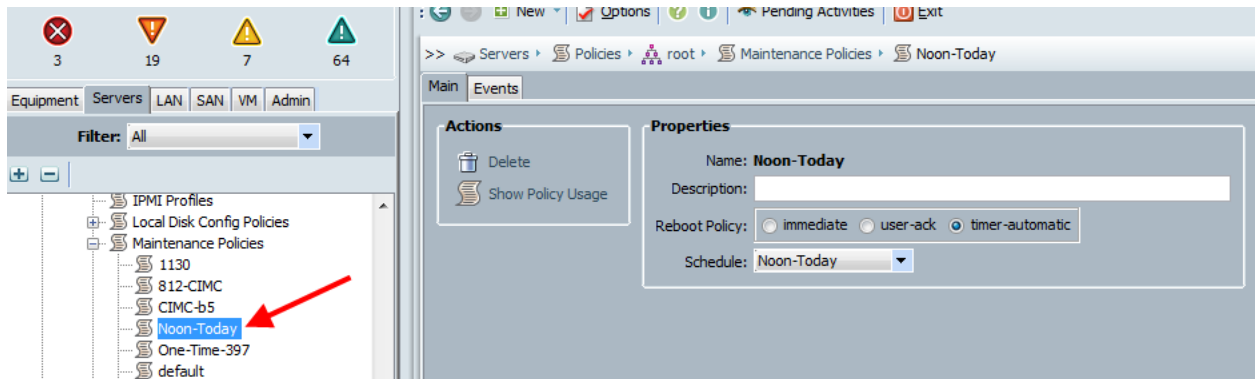
- 1) Right mouse click “Maintenance Policies” and select “Create Maintenance Policy”



Select "timer-automatic" and from the Schedule pull down select your Schedule



Select Noon-Today from Maintenance Policies in order to examine it.

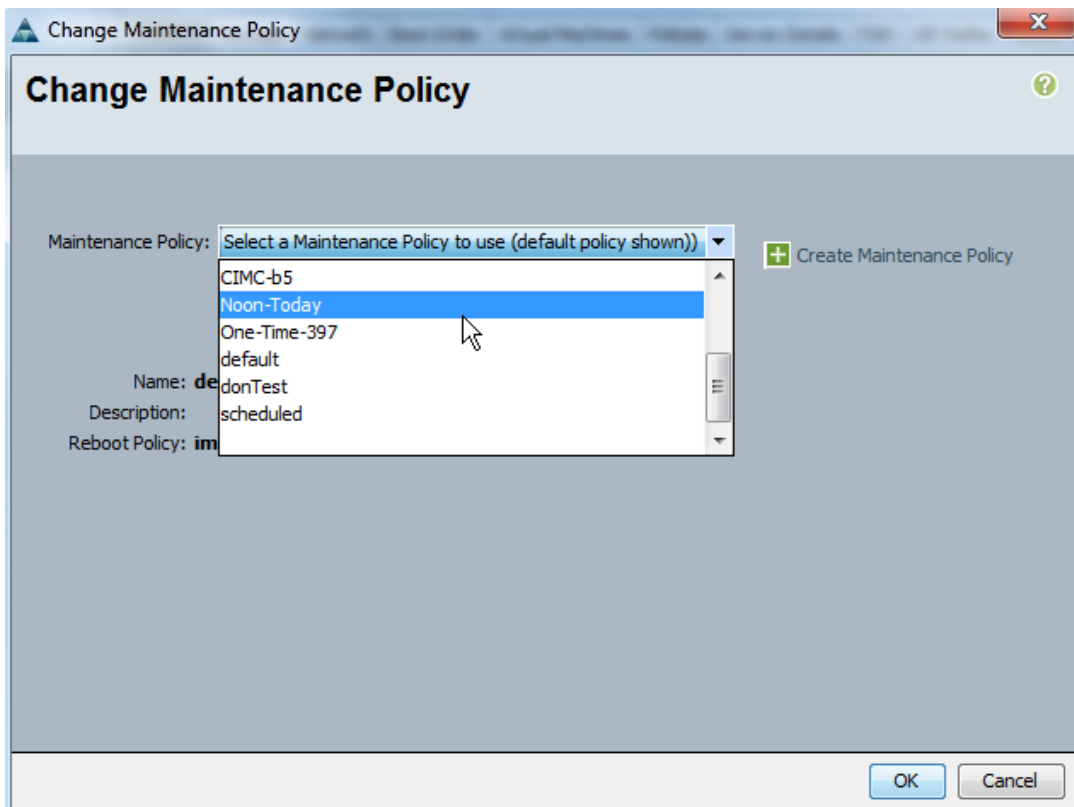
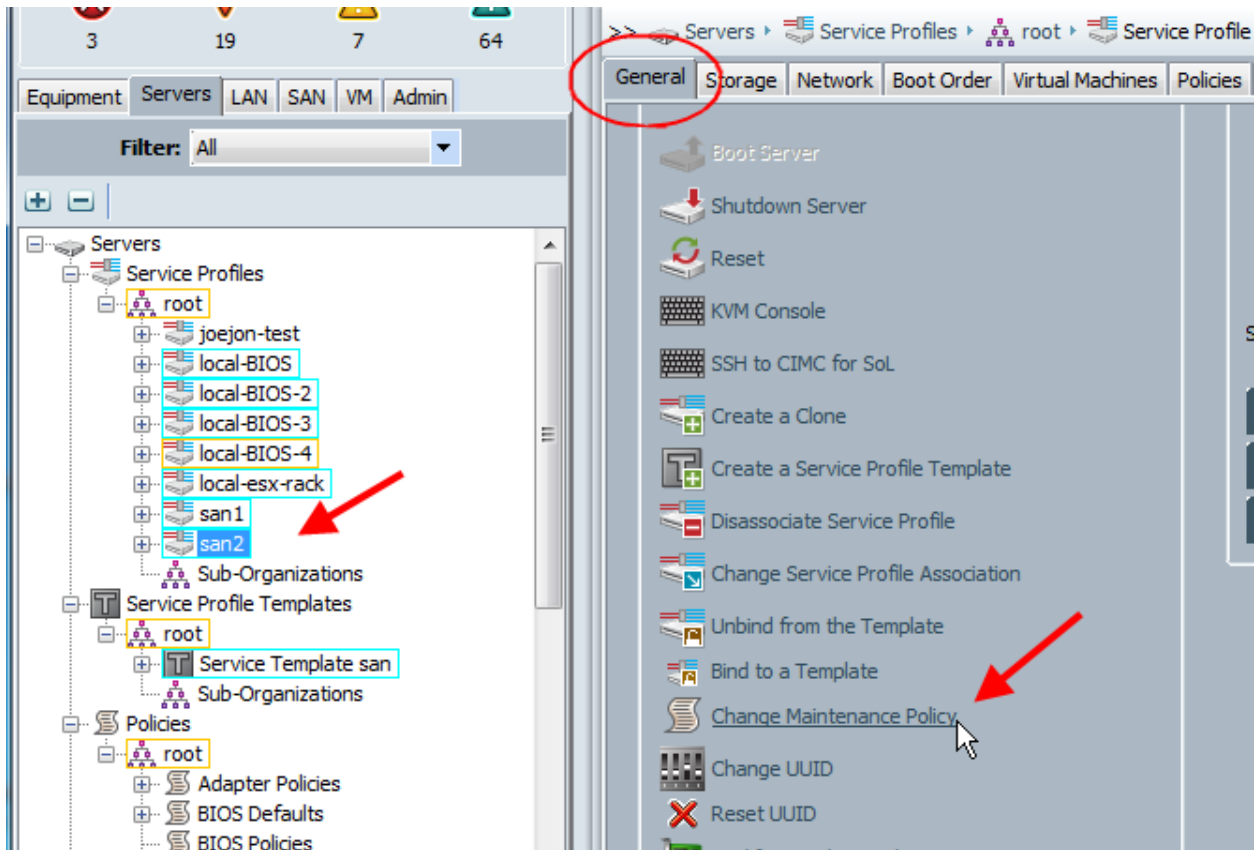


If you select “Show Policy Usage” at this point, there are no Service Profiles associated to it at this point.

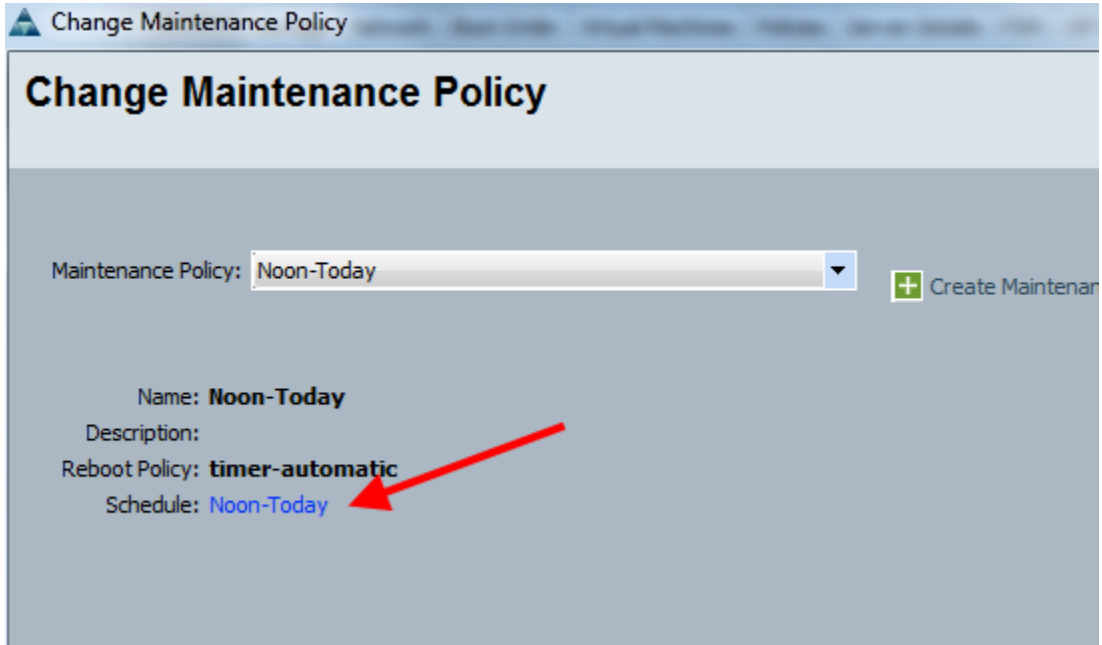
In the next set we’ll associate the Maintenance Policy to a Service Profile

1.6 UCS Associate Maintenance Policy to SP

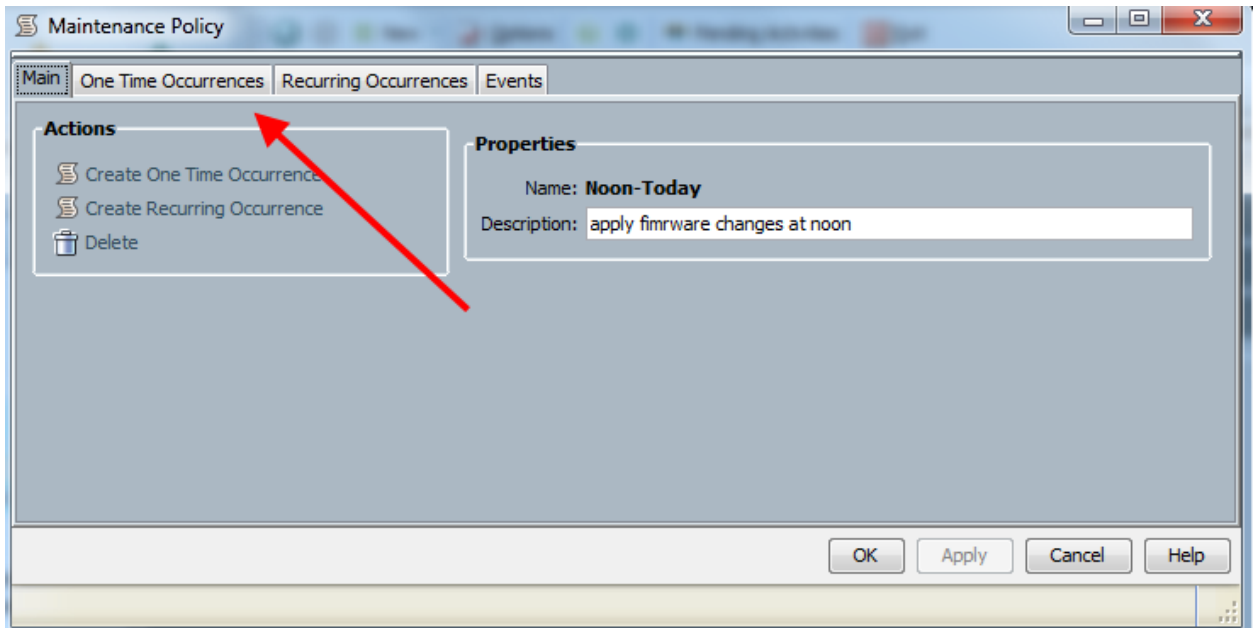
- 1) In the “General” tab for a SP, select “Change Maintenance Policy”

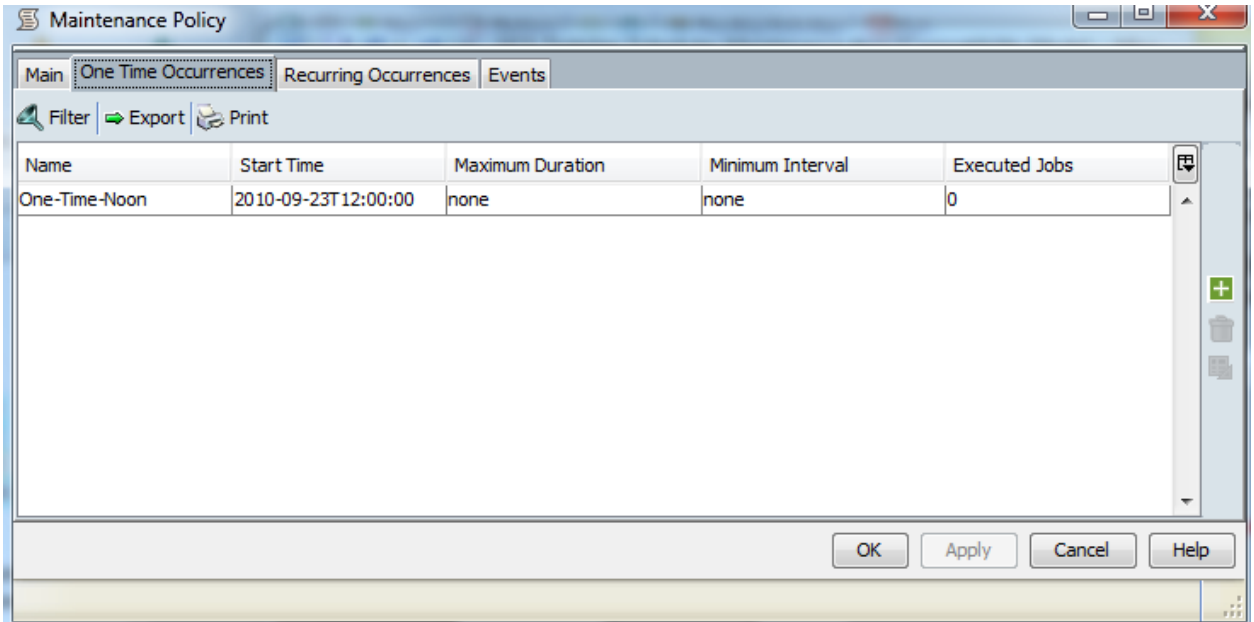


After selection, you'll see the new Reboot Policy "Noon-Today"



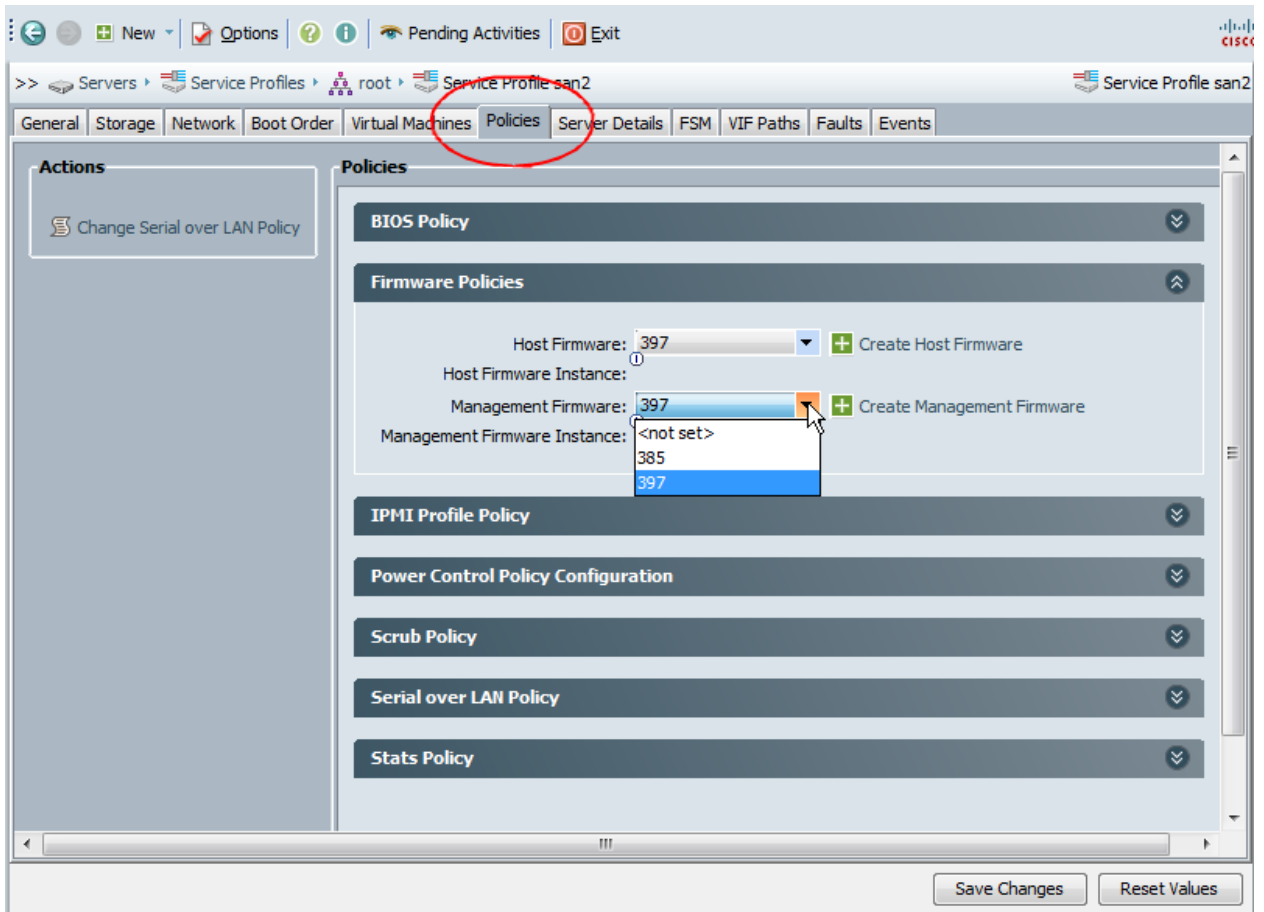
If you select it, you can walk back to the one-time occurrence that was created



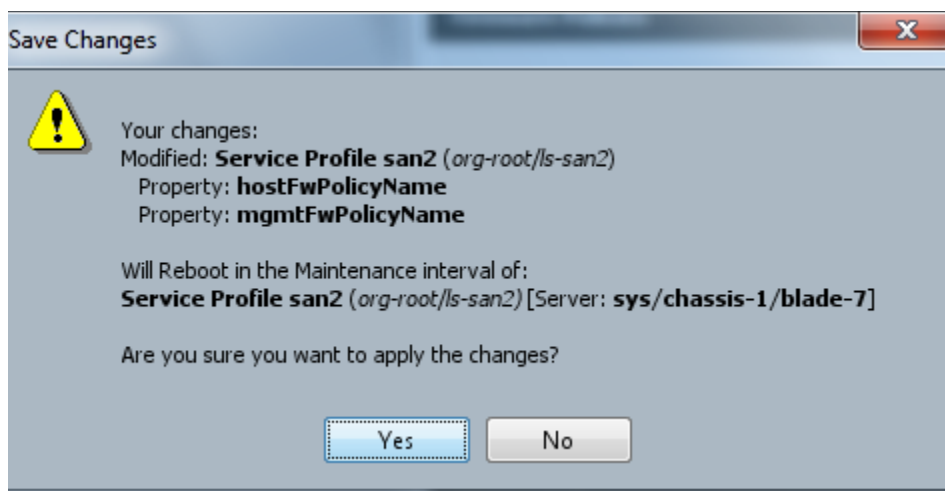


1.7 UCS Make Policy Change

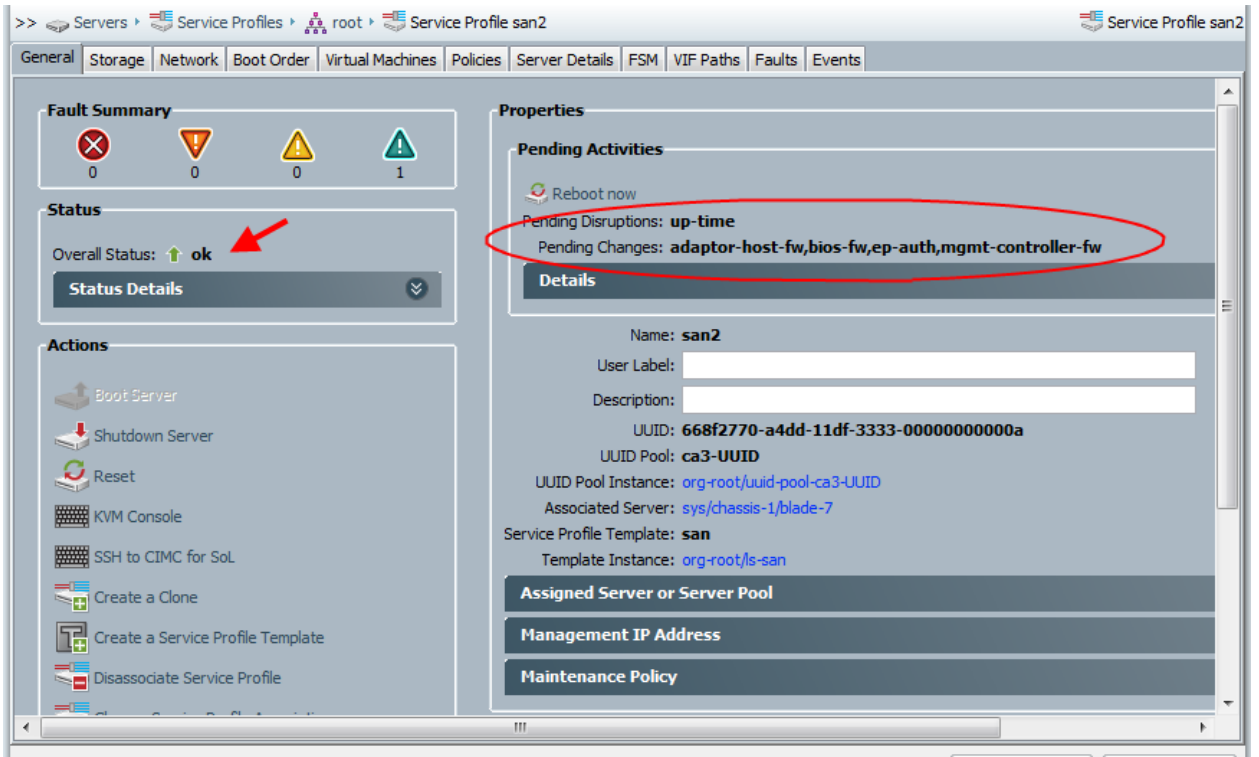
- 1) Set a new firmware policy



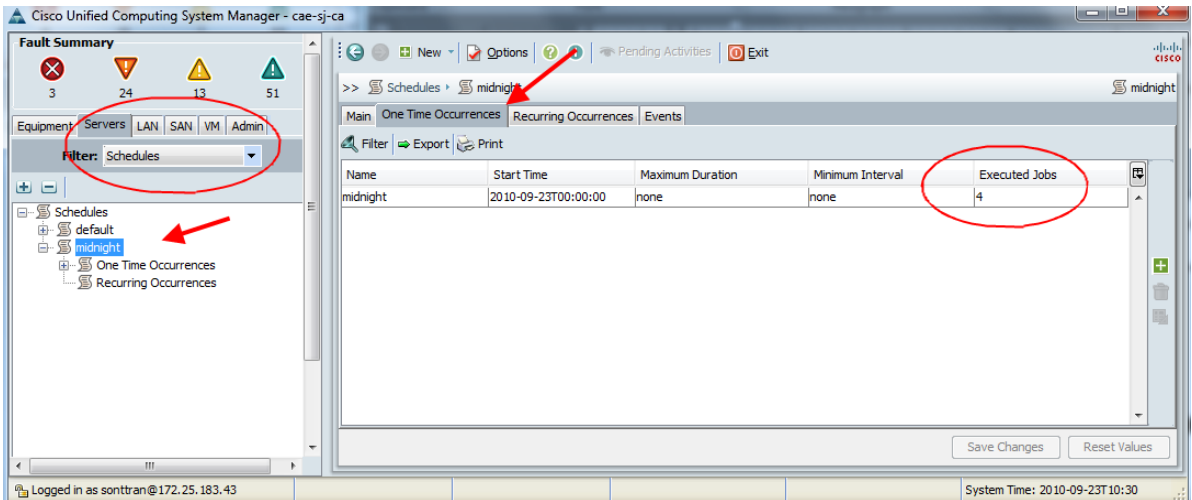
You'll see a warning



Application of the firmware changes will be deferred until the scheduled time. Pending changes are shown in the General tab of the SP



After the schedule is completed. You can query the Schedule for executed jobs



As this was a one time occurrence schedule, the SP Maintenance will revert to the default Policy

