

# Master-Child Use Cases



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### *1: ADDING NEW CHILD ALERTS TO AN EXISTING MASTER CONFIGURATION*

Option 1:

- Users can add new alert configurations to the existing master configuration by providing all the existing configurations along with the new configuration in the template configuration.
- If any updates are performed in the Master1 configuration, such as schedule updates, those changes will be applied to all the alerts linked with that master configuration.
- 'Updated Configuration' reflects the change which user has to perform on re-importing the alerts.

	Initial Configuration		Updated Configuration	
Alert Name	Configure Template	Master Configuration	Configure Template	Master Configuration
Alert1	Config1	Master1	Config1	Master1

Alert2	Config1	Master1	Config1	Master1
Alert3			Config1	Master1
Alert4			Config1	Master1

Option 2:

- Users can add the new alert configuration by simply providing the new alert in the imported file and associating it with the same master template.
- If any updates are performed in the Master1 configuration, such as schedule updates, those changes will be applied to all the alerts linked with that master configuration.
- All the alerts mentioned in the table below will be updated and scheduled as per the configuration, even though user is importing only delta alerts into the system.
- 'Updated Configuration' reflects the change which user has to perform on re-importing the alerts.

	Initial Configuration		Updated Configuration	
Alert Name	Configure Template	Master Configuration	Configure Template	Master Configuration
Alert1	Config1	Master1		
Alert2	Config1	Master1		
Alert3			Config1	Master1
Alert4			Config1	Master1

## 2: CHANGING SCHEDULES OF CHILD ALERTS LINKED WITH A MASTER ALERT

- All child alerts requiring new schedules should be linked with new master configuration.
- The child alerts i.e. Alert1 and Alert2 in the below example will be executed according to the Master2 configuration.
- Alert3 and Alert4 will not be updated as the new configuration file is only specific to Master2 configuration.
- 'Updated Configuration' reflects the change which user has to perform on re-importing the alerts.

	Initial Configuration		Updated Configuration	
Alert Name	Configure Template	Master Configuration	Configure Template	Master Configuration
Alert1	Config1	Master1	Config1	Master2
Alert2	Config1	Master1	Config1	Master2
Alert3	Config1	Master1		
Alert4	Config1	Master1		

## 3: UN-SCHEDULE CHILD ALERTS

- All alerts that need to be unscheduled should be imported using the import configuration file, and the "Unschedule" field in the import configuration file should be marked as "Yes".
- The system will then un-schedule and delink all the associated child alerts which are marked with "Yes".
- 'Updated Configuration' reflects the change which user has to perform on re-importing the alerts.

	Initial Configuration		Updated Configuration		
Alert Name	Configure Template	Master Configuration	Configure Template	Master Configuration	Unschedule
Alert1	Config1	Master1	Config1	Master1	Yes
Alert2	Config1	Master1	Config1	Master1	Yes
Alert3	Config1	Master1	Config1	Master1	Yes
Alert4	Config1	Master1	Config1	Master1	Yes

#### 4: UNSCHEDULING A FEW CHILD ALERTS AND UPDATING OTHERS

- All alerts that need to be unscheduled should added in the import alert file, and the “Unschedule” field in the import configuration file should be marked as “Yes”.
- The system will then unschedule and delink all the associated child alerts which are marked with "Yes".
- Alerts for which 'Unschedule' field is left blank will not be affected, and the execution will be performed as per the configuration file.
- 'Updated Configuration' reflects the change which user has to perform on re-importing the alerts.

	Initial Configuration		Updated Configuration		
Alert Name	Configure Template	Master Configuration	Configure Template	Master Configuration	Unschedule
Alert1	Config1	Master1	Config1	Master1	Yes
Alert2	Config1	Master1	Config1	Master1	Yes
Alert3	Config1	Master1	Config1	Master1	
Alert4	Config1	Master1	Config1	Master1	

#### 5: CHANGING/UPDATING TEMPLATE ALERTS CONFIGURATION

- If a template alert is changed for any child alert, then a new master should be linked with those alerts.
- Its mandatory to use a new master alert on updating/using a new template alert.
- 'Updated Configuration' reflects the change which user has to perform on re-importing the alerts.

	Initial Configuration		Updated Configuration	
Alert Name	Configure Template	Master Configuration	Configure Template	Master Configuration
Alert1	Config1	Master1	Config1	Master1
Alert2	Config1	Master1	Config1	Master1
Alert3	Config1	Master1	Config2	Master2
Alert4	Config1	Master1	Config2	Master2

## **6: UNSCHEDULING THE ALERT AND TRIGGERING ITS EXECUTION ON TODAY'S DATE, THEN RESCHEDULING THE ALERT ON DIFFERENT FREQUENCY**

- This scenario can occur if alerts are:
  - Not executed on scheduled date due to any reason
  - Alerts had to be deleted due to any data issues or error.
  - Alerts are executing on a different date than the scheduled date and next run date of alert requires syncing for future execution.
- This will be a three-step process, where the alerts will first be disabled using the 'Unschedule' flag in the import configuration.
- Next, alert execution will be carried out based on the current day using a 'run once' frequency by using a master configuration which is not linked to any alerts.
- Once the alert execution is completed, the alert schedules should be updated according to the product frequency and can be linked with the old master.