

# Using the REST API in Action Script

PRODUCT PROFESSIONAL SERVICES



- Why does it matter?
- In many customer environments, Operators are responsible for deleting their own actions. In many
  cases this is not performed in a timely matter and the number of closed actions grow to a point where
  it affects console performance.
- The BigFix Console will list every action that has been taken including every result from every BigFix Client. As the number of actions grows large, the BigFix Console will use more memory to load the actions and the cache load/write times increase. You can right click and delete old actions, which will mark them as deleted in the database. Once they are marked as deleted, the BigFix Console will no longer load them saving memory and load time. The actions will continue to be in the database after they are deleted, but they will not be accessible to the BigFix Console or to web reports.
- Why not automate this using BigFix?

- What is it?
- A BigFix task that runs on the Root Server
- Can be scheduled to run every *n* days so you no longer have to worry about action maintenance on the BigFix console

- How does it work?
- We call the REST API CLI within an action script
- We use Relevance Substitution to query the database and give us the results of all Stopped actions (whose time stopped is older than *n* days from the current date) and/or Expired actions (whose time issued is older than *n* days from the current date)
- We use Relevance Substitution again to parse these results so we are only left with a list of Action IDs
- Using a bat file, we call the REST API CLI again deleting these actions using a loop.

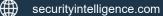
- How do Luse it?
- Import the task, '~~Delete Expired and Stopped Actions.bes' into the BES Console.
- On the 'Description' tab, enter the Master Operator User Name, The Master Operator Password, The RunAs User Name (used to run the bat file when no user is logged into the system) and the age in days of the stopped/expired actions to target.
- Schedule the action to run as you would any other action.
- Run it against the Root Server.
- Note: You will be prompted to provide the RunAs User password upon deployment.

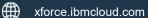


## THANK YOU

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#### The Fixlets!



~~Delete Expired and Stopped Actions.bes



~~Delete Expired and Stopped Actions (2).bes