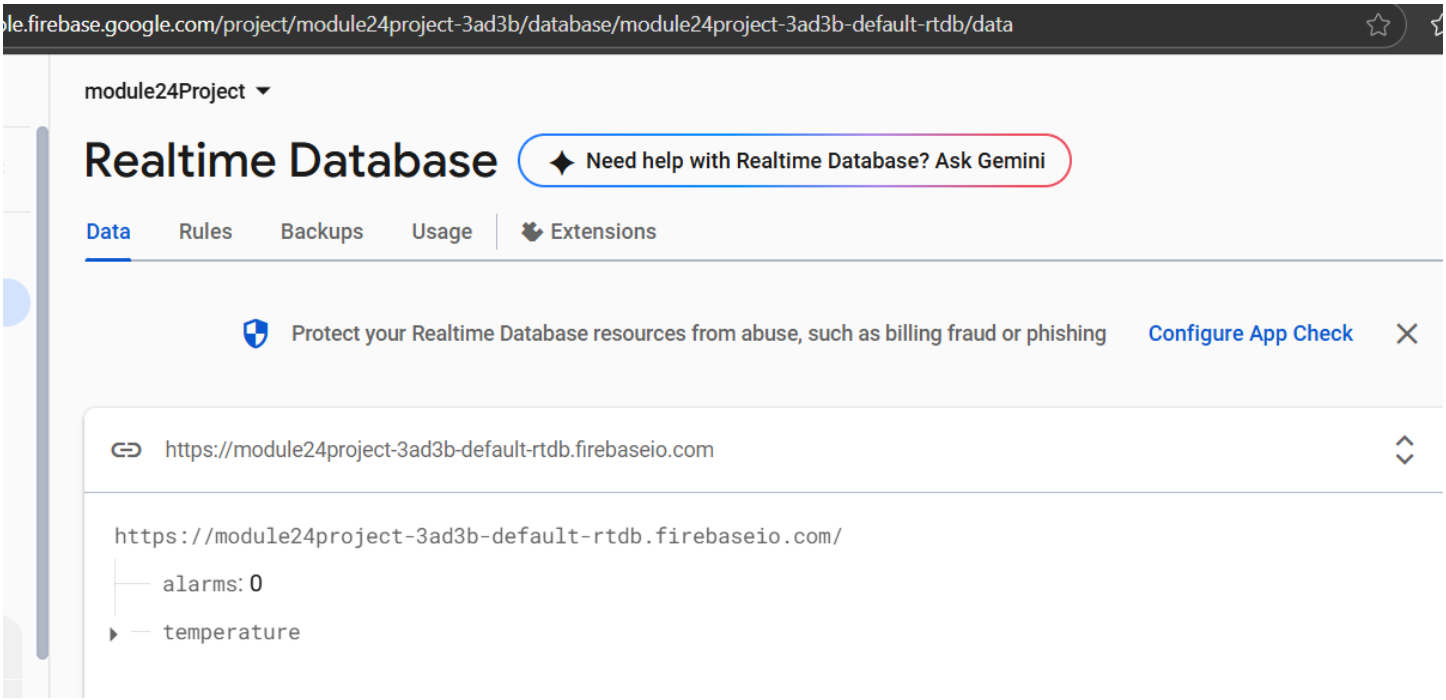
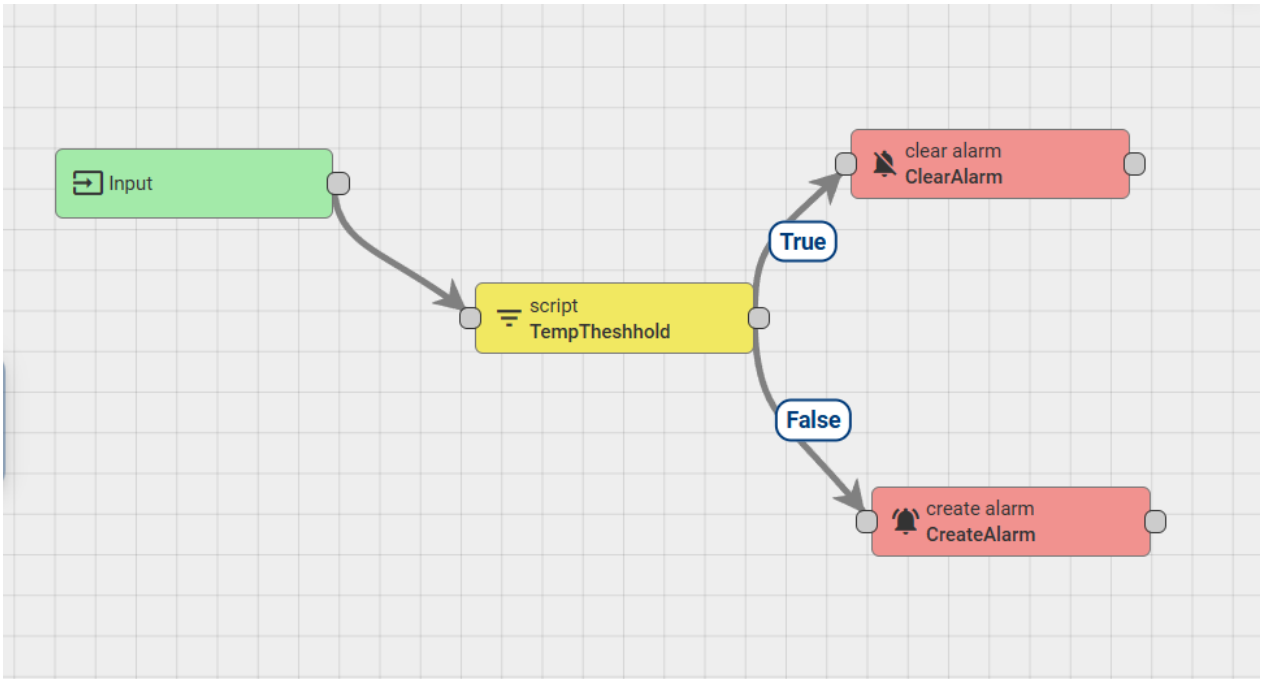
Required Project 24.1 (Part 2): Analyzing Live Streaming Data Using ThingsBoard

Robby MacNaughton

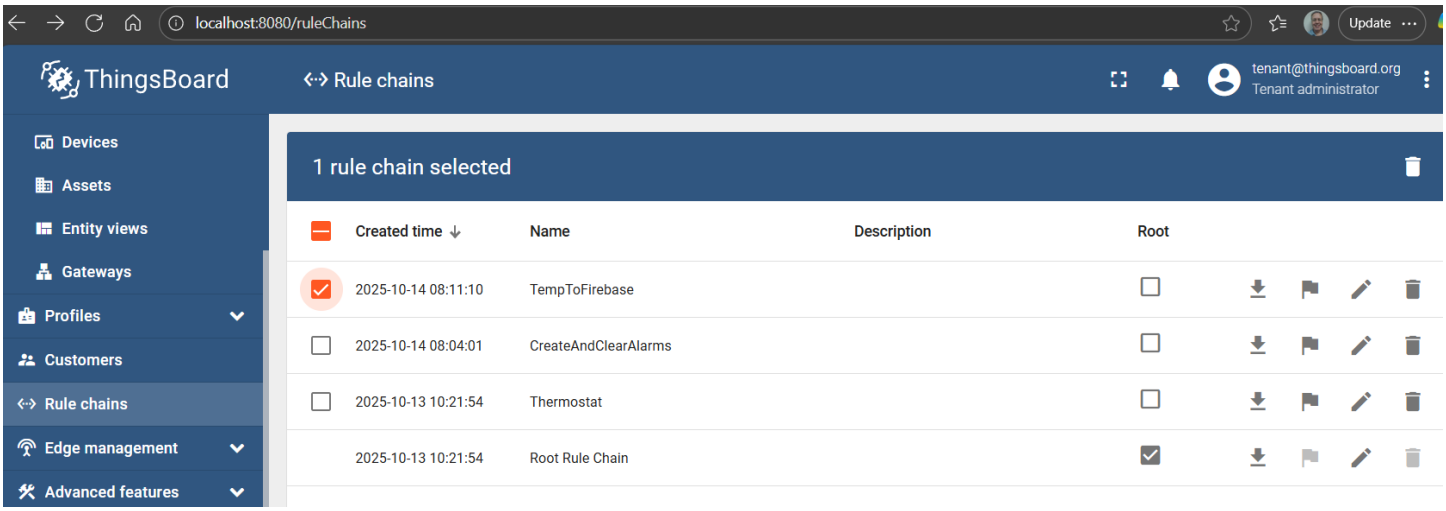
1. Provide a screenshot to show that you created the alarm field inside your Realtime database and initialized it to zero.



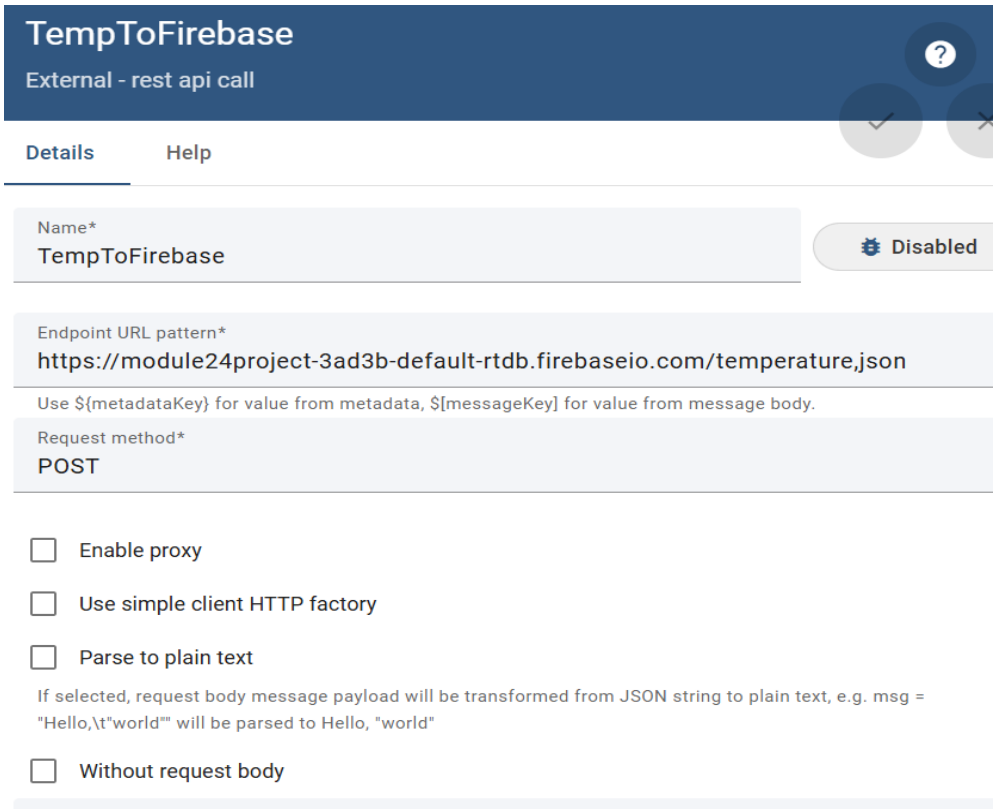
2. Provide a screenshot to show that you created the CreateAndClear*Alarms* rule chain with all of the necessary components.

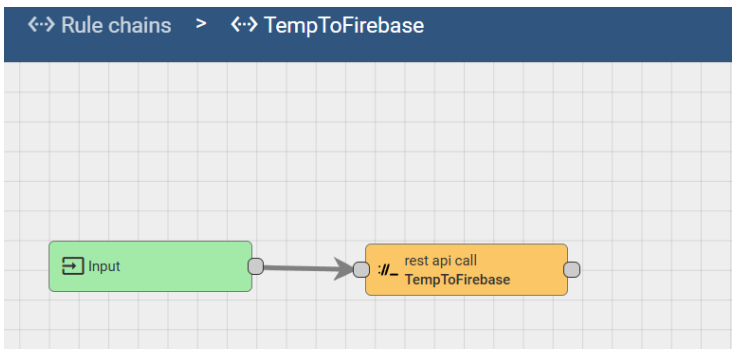


3. Provide a screenshot to show that you created the TempToFirebase rule chain with all of the necessary components.

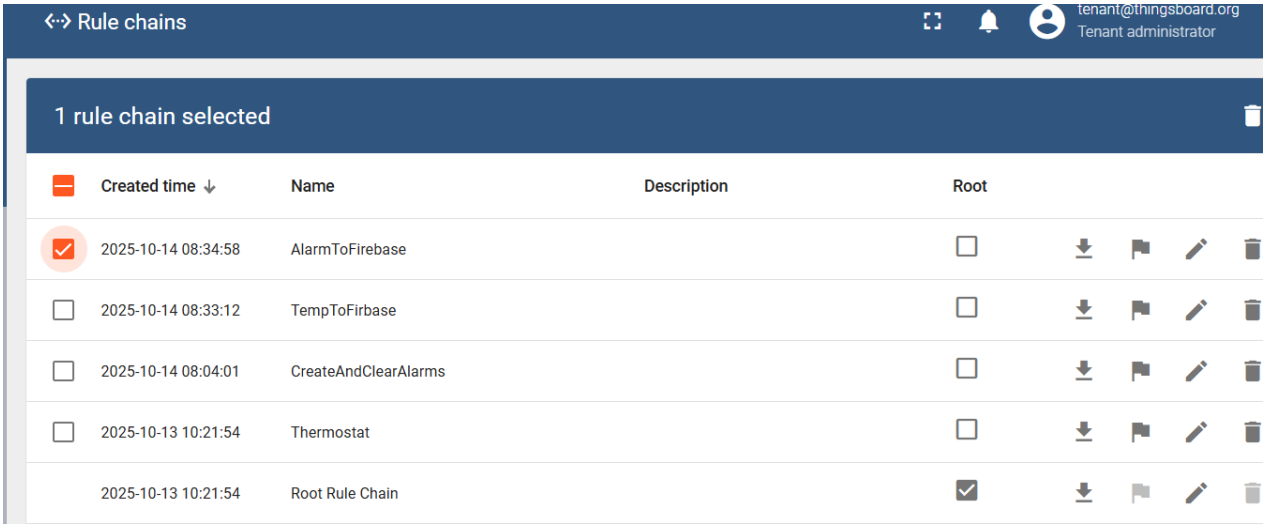


4. Provide two screenshots. The first screenshot should show that you added the TempToFirebase *node* to your Rule Engine correctly. The second screenshot should show that you connected the Input and TempToFirebase *node*

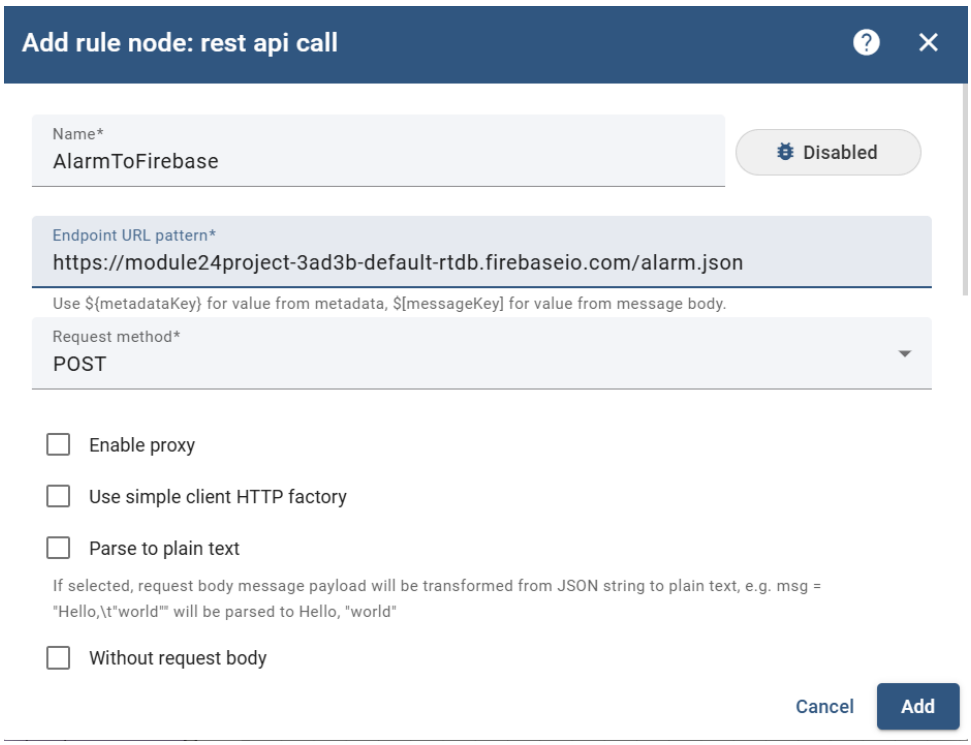


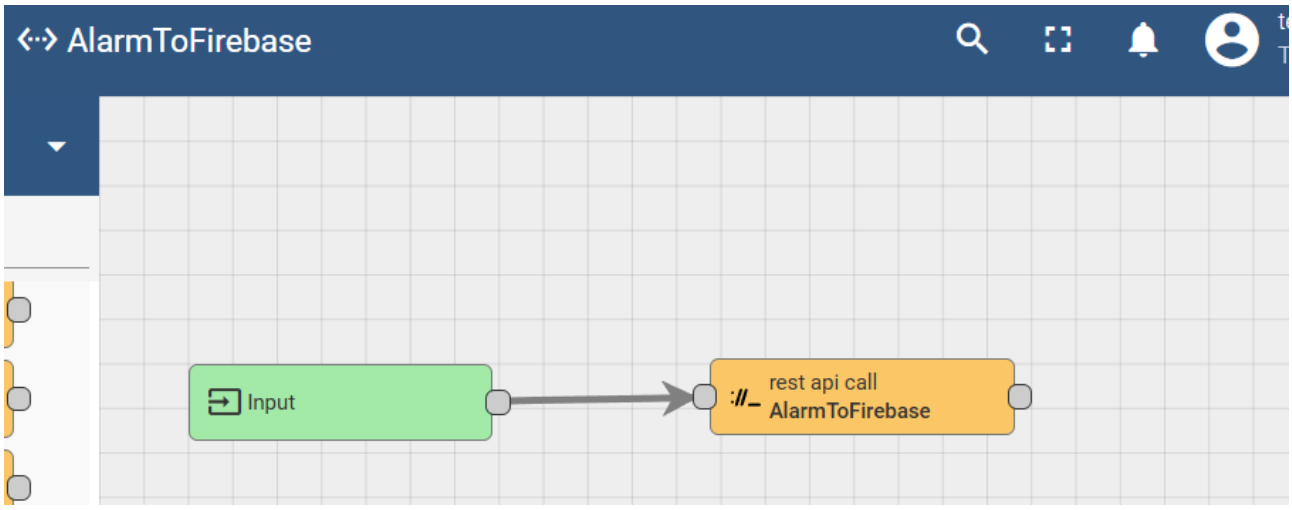


5. Provide a screenshot to show that you created the *Alarm*ToFirebase rule chain with all of the necessary components.

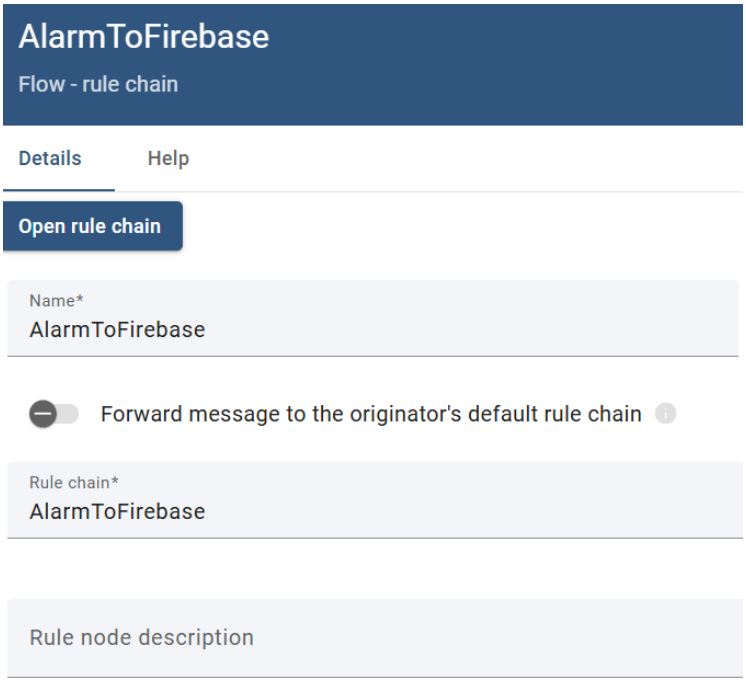


6. Provide two screenshots. The first screenshot should show that you added the *Alarm*ToFirebase *node* to your Rule Engine correctly. The second screenshot should show that you connected the Input and *Alarm*ToFirebase *nodes*.

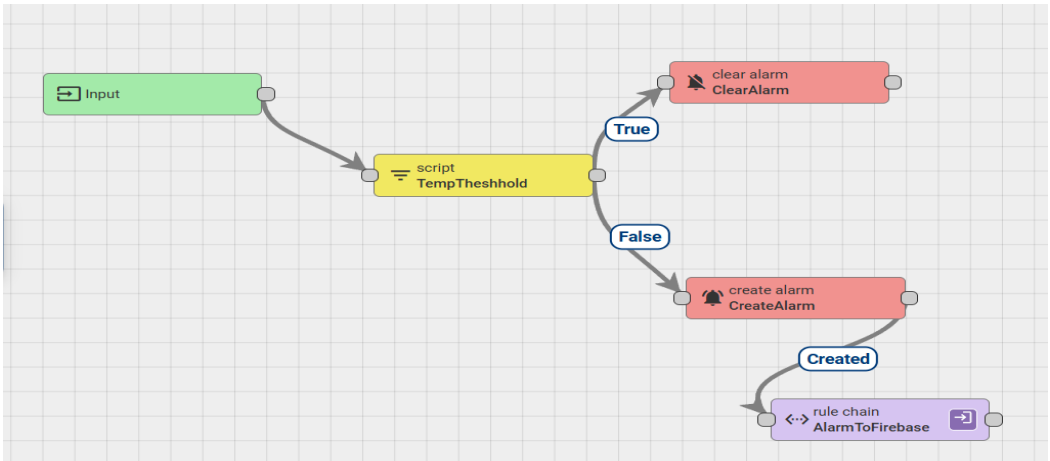




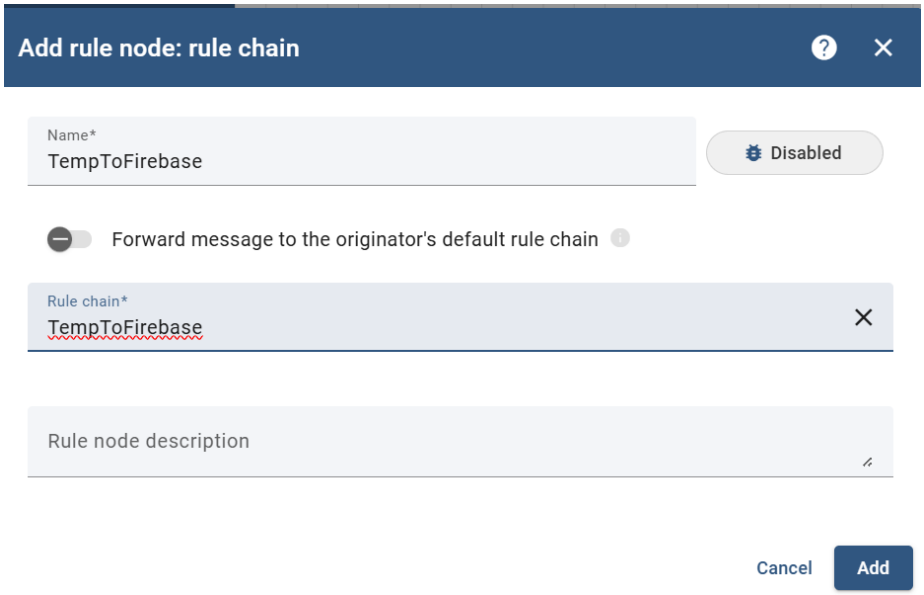
7. Provide a screenshot to show that you added the *Alarm*ToFirebase *node* to your Rule Engine correctly.



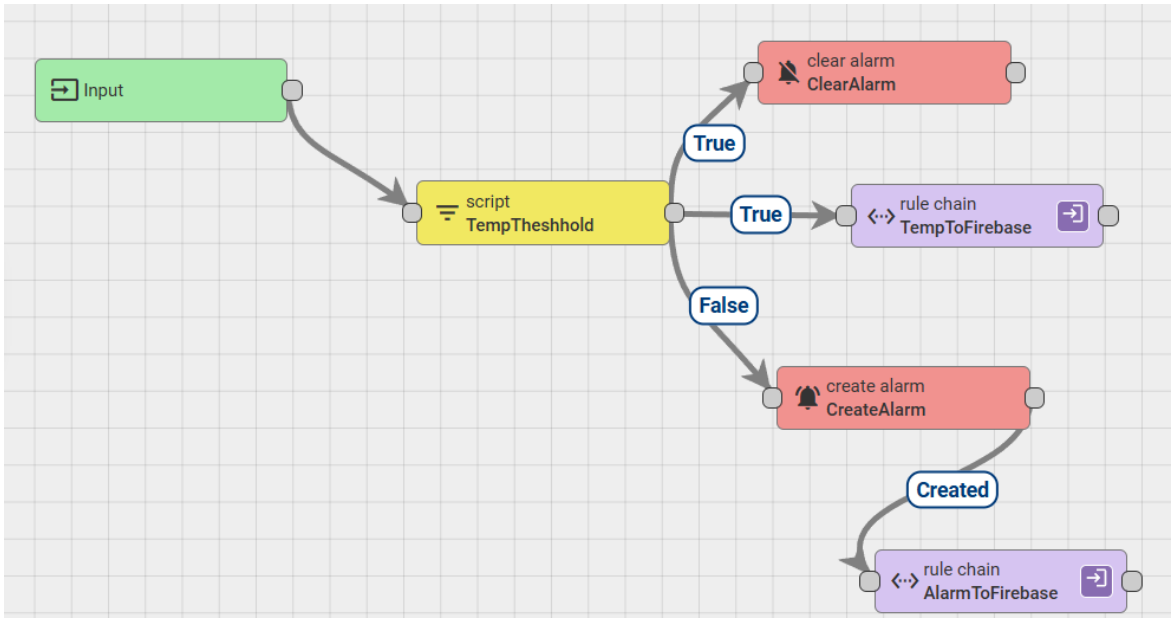
8. Provide a screenshot to show that you connected the Create*Alarm* and *Alarm*ToFirebase *nodes* with a Created link label.



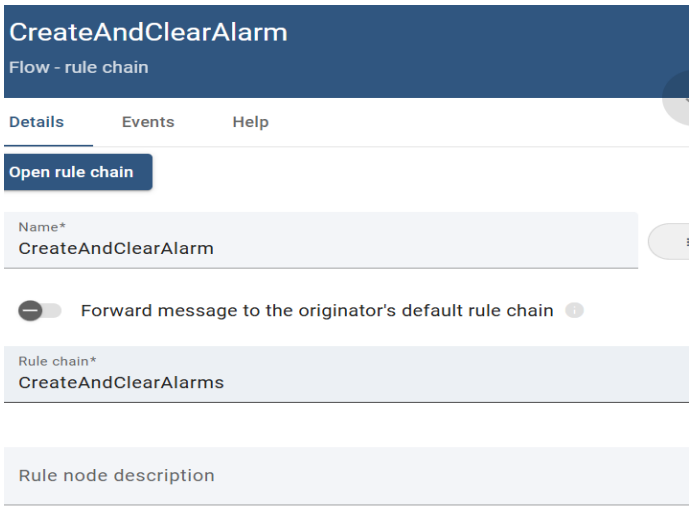
9. Provide a screenshot to show that you added the TempToFirebase *node* to your Rule Engine correctly.



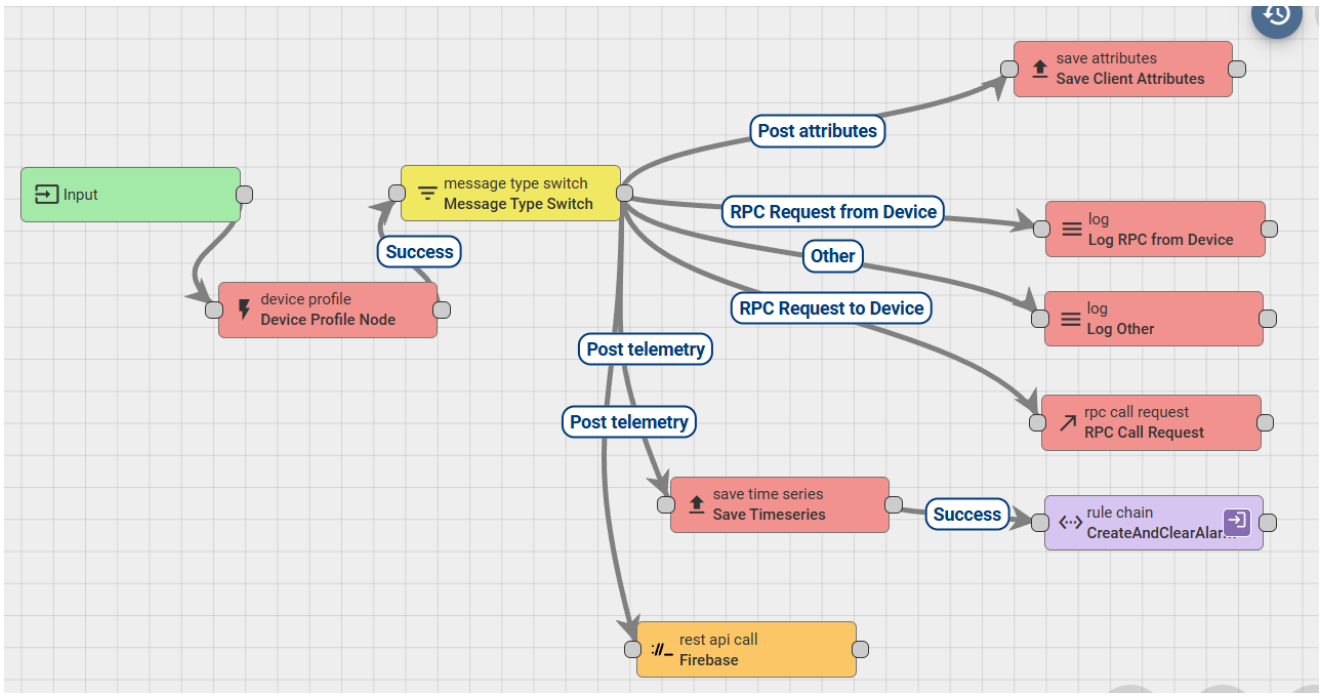
10. Provide a screenshot to show that you connected the MaxTemp and *Alarm*ToFirebase *nodes* with a True link label. There's no MaxTemp used TempThreshold instead



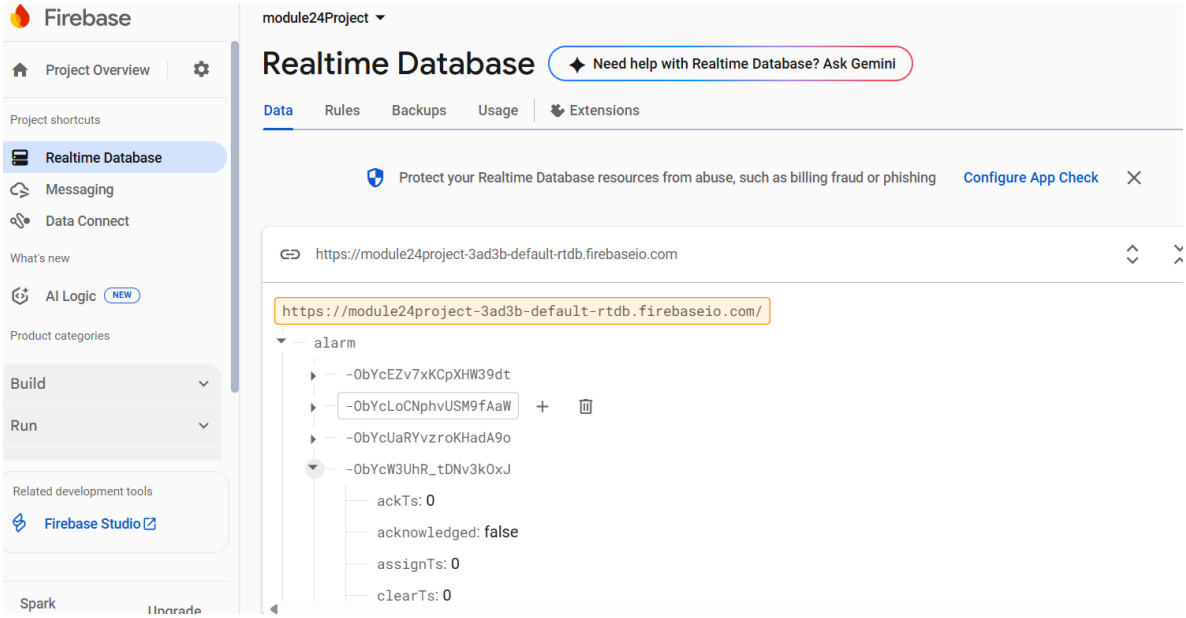
11. Provide a screenshot to show that you added the CreateAndClear*Alarm node* to your Rule Engine correctly.



12. Provide a screenshot to show that you connected the SaveTimeseries and CreateAndClear*Alarm nodes* with a Success link label.



13. Provide two screenshots. The first screenshot should show that the alarm field is being populated with the live *streaming* data from the CreateAndClear*Alarm* rule chain. The second screenshot should show that the temperature field is being populated with temperature and humidity data.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Firebase Studio
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assignTs: 0
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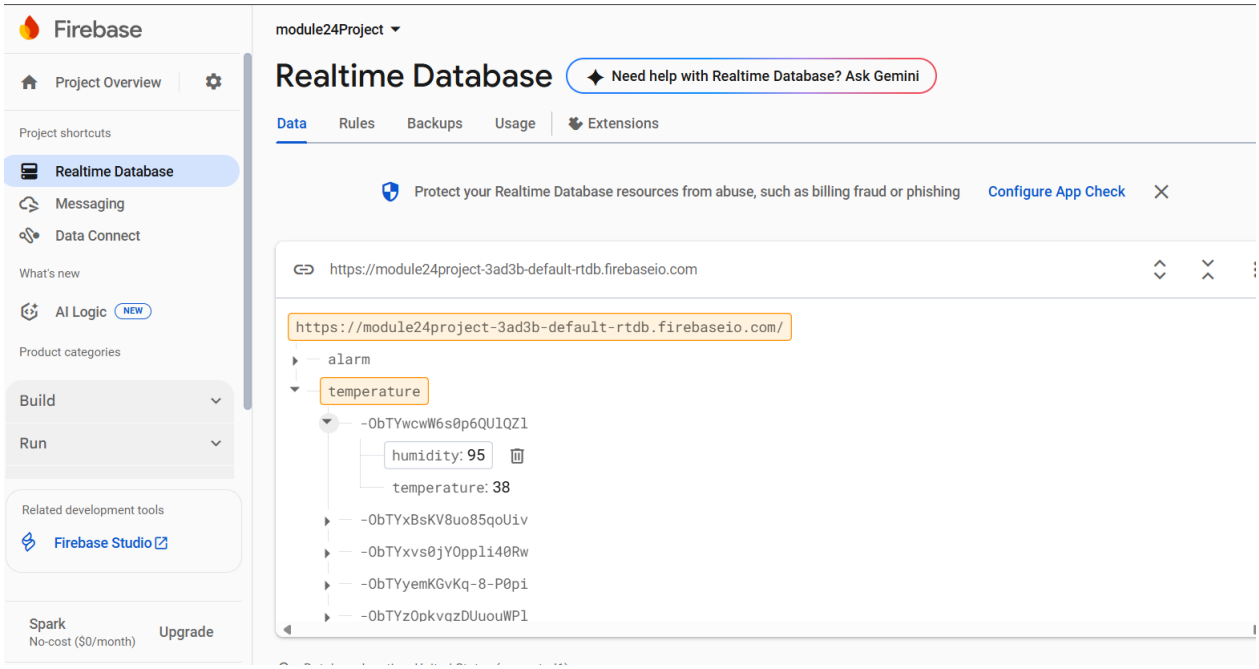
Spark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Build
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Run
temperature
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Related development tools
humidity: 95
Firebase Studio
temperature: 38
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-ObTYxvs0jYOppli40Rw
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