Google Calendar 3 – Installation and Initial Setup
Installation and User Guide

Preliminary Setup and Notes

You first need to **establish and create google credentials** before the plugin can access your calendar.

Follow the instructions in the document **"Setting up a Google V3 API Service Account"** – when you have finished you should have a credentials file named GCal3.json and a copy of the Calendar ID.

If you are using UI5 and Calendar ID contains any of the following characters you need to substitute the encoded form. This is a limitation of the vera input method in UI5

The two that I know of are:
& - replace with %26
 # - replace with %23
There may be others ....

Using iCal Calendars
It is also possible to use **PUBLIC** iCal calendars for example:
http://sports.yahoo.com/nfl/teams/sfo/ical.ics

If you are trying the iCal feature - the easiest way to tell if you have a 'good' url is to paste it into a browser and see if the browser attempts to download a calendar file for you. Also the url must be in the form of http:// or https://

Also note that iCal is inconsistent (allowed by the spec) in the way it stores date and time information. The plugin will correctly handle iCal calendars that specify the start/end in utc or an unspecified 'local' time. If it's unspecified – the plugin will use the time setting from vera. Usually this will be fine so long as the iCal sets the events to the same time as the vera expects. If the calendar has a different timezone and does not save the time in utc - then the vera event times will be wrong.
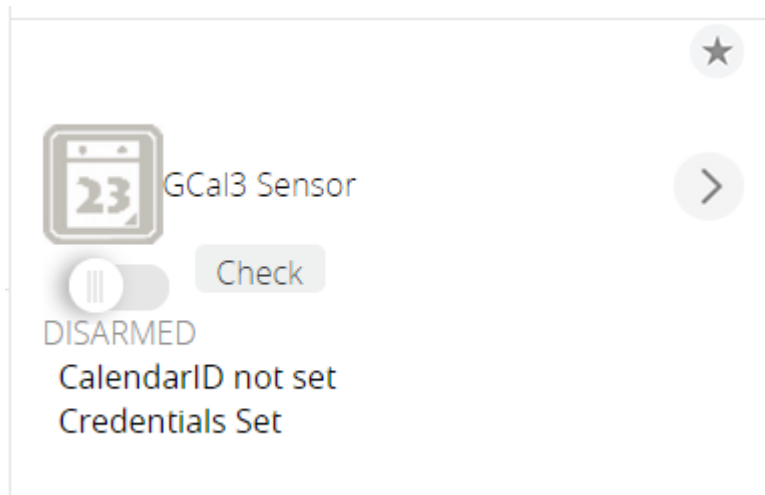
In iCal, there are different ways to represent repeating calendar events. GCAL requires that there are separate entries for each repeated event (this is how google provides its event data). If the iCal is created with a single event and repeat information, GCAL will not process it correctly.

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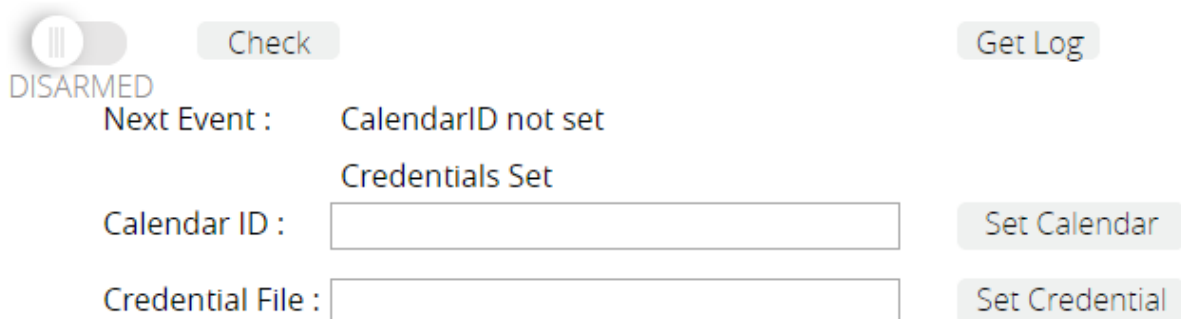
Installation

Install from the marketplace. Press F5 on your browser (to refresh). If you get a message that Lua Startup Failed – reboot the vera.

You should then see a front panel that looks like the following. The message lines may read differently if this is a completely new install or if you had a previous version of GCal3 on your vera.

GCal3 Sensor

Check

DISARMED
CalendarID not set
Credentials Set

Initial Configuration

Open the Control tab on the plugin and set the Calendar ID (the one you saved when you did the credentials set-up) and if necessary the Credentials File name (the default – Gcal3.json) is already set in the plugin). Note that Vera will restart (after about 30 sec) with these actions – so wait until this is complete.
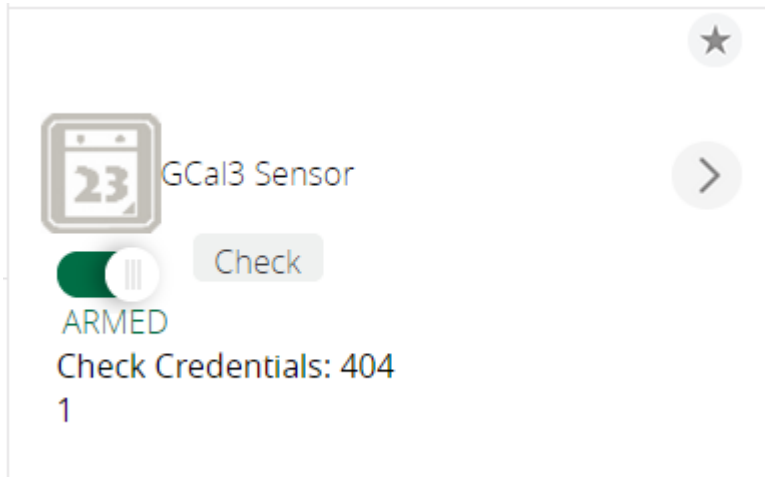
Check   Get Log

DISARMED
Next Event :   CalendarID not set
                    Credentials Set

Calendar ID :   [   ]   Set Calendar

Credential File : [   ]   Set Credential

Go to your vera dashboard and upload a copy the GCal3.json file created earlier

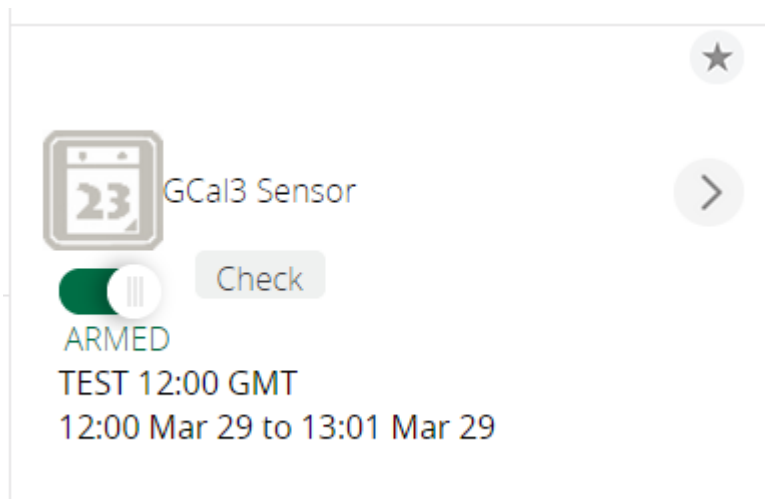# Google Calendar 3 Version 2.1

Apps → Develop Apps → Luup Files → Browse [select GCal3.json]. Note that Lua will restart (UI7) if using UI56 then check the restart box

GCal will then check the credentials. If you get a message that looks like this – then your calendar are not set up with the correct permissions or the credential file is incorrect or has the wrong name.
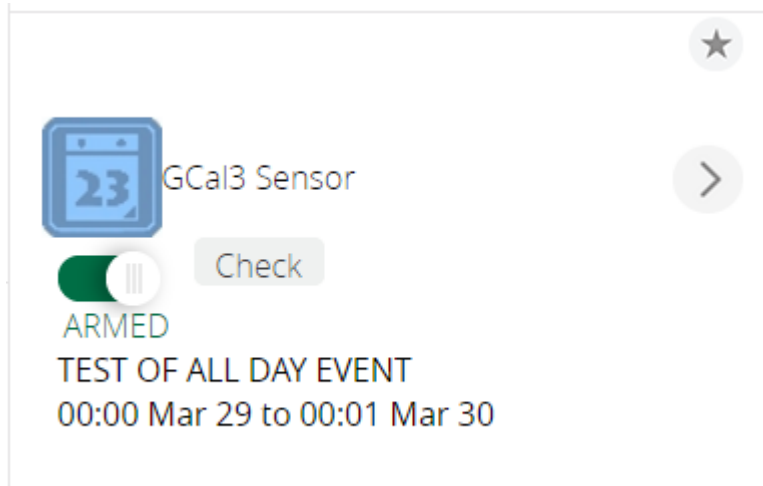
GCal3 Sensor

Check

ARMED

Check Credentials: 404
1

Assuming there are no errors at this stage - Click on "DISARMED" to ARM the plugin.

The front panel of the calendar will look like this: Showing the start and end time of the next event

GCal3 Sensor

Check

ARMED

TEST 12:00 GMT
12:00 Mar 29 to 13:01 Mar 29

If it's an all-day event it will be displayed like this (starts at 00:00 and end at 00:01 the next day).

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Open the **Calendar Tab** and you should see your calendar. If this is not the case – **the likely cause is that you are not logged into google from your browser.**

If there is any error at this stage – you will likely need to look at the log information with gc_debug set to 3.
(See the advanced configuration and use document

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