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# **F5 Read The Docs Documentation**

**F5 Networks, Inc.**

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F5 2021 Read The Docs Guide

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F5 Networks, Inc.





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**Goals:**

- Become familiar with VS Code
- Connect the F5 VS Code Extension to the BIG-IP instance

**Steps:**

- Access VS Code (web edition) in your UDF by going to: **Components > “Client & Prometheus” System Component > Access > VS Code**

- In VS Code, click the F5 Extension icon to the the Extension view. Verify that a host (F5 device) has already been added named “admin@10.1.1.7” and click on the name to connect.
- Enter the password in the prompt (see the Details sections for the BIG-IP in UDF for the password). You are now connected to the device.



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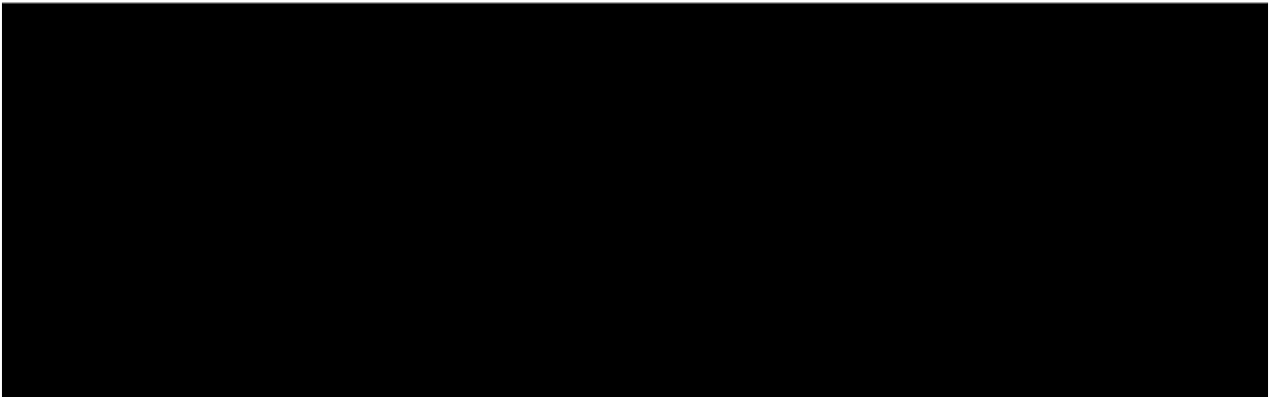
**Goals:**

- Send a TS declaration to configure a TS Pull consumer target
- Verify success and view metrics available

**Steps:**

- Create a new file: **in VS Code, click the hamburger icon (3 lines icon) > select “File” > select “New File”.**

- Copy the follow TS declaration and paste it to the new file window:



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- Right-click the pasted JSON and select “Post as TS Declaration”:

- Upon successful post of the declaration, a response from the system will appear as a new file. Verify a “success” message value. You have now successfully posted the TS declaration to create a Pull target consumer on the BIG-IP.



**Goals:**

- Verify the available metrics that will be pulled via Prometheus and Grafana

**Steps:**

- In VS Code, open this file named “get-all-ts-pull-metrics.http” already saved in the VS Code system instance. The REST-Client Extension is installed in the UDF's VS Code which we will be used to verify the TS metrics.

- Click the “Send Request” button about the GET request. A JSON response from the TS Pull Consumer end-point will return. This is the list of metrics that will be made available to the Prometheus consumer.

- A response from the API call will appear. This is a raw output of the pull consumer you just created that will be pulled by Prometheus & Grafana.

**Goals:**

- View the F5 TS metrics on the Prometheus & Grafana platform

**Steps:**

- Verify the target has been setup in Prometheus. Open Firebox in UDF"

- WIP

