

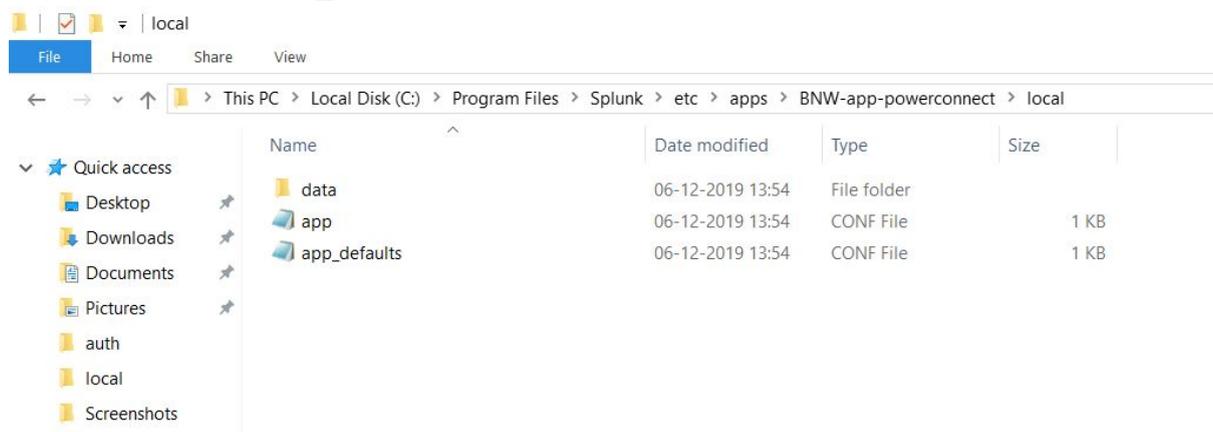
Steps to Increase Key-Value Pair Extractions Limit in Splunk

If the data in your Splunk instance may have an event size greater than 10240 characters then Splunk won't auto-extract kv-pairs after 10240 characters. So there are two ways of overcoming this problem:

1. Using props.conf (**Note: This method only works if you have data in the form of JSON**)
2. Using limits.conf

1. Using props.conf:

Step 1: Go to `$SPLUNK_HOME/etc/apps/BNW-app-powerconnect/local/` directory.



Step 2: If there exist a file named **props.conf** then edit and if it doesn't exist create one.

Step 3: There are two ways you can apply the settings.

- a. For specific **sourcetype** or **host** or **source** (*preferred way*)
- b. Globally apply settings

a. For specific sourcetype or host or source:

For a specific sourcetype:

Let's say you want to apply for **sourcetype=sap:java**

```
[sap:java]
KV_MODE = json
```

For a specific source:

Let's say you want to apply for **source=N71**

```
[source::N71]
KV_MODE = json
```

For a specific host:

Let's say you want to apply for **host=SAPN71D**

```
[host::SAPN71D]
KV_MODE = json
```

b. Globally apply settings:

Note: If there are same settings applied for any specific sourcetype, host or source then these settings won't override them.

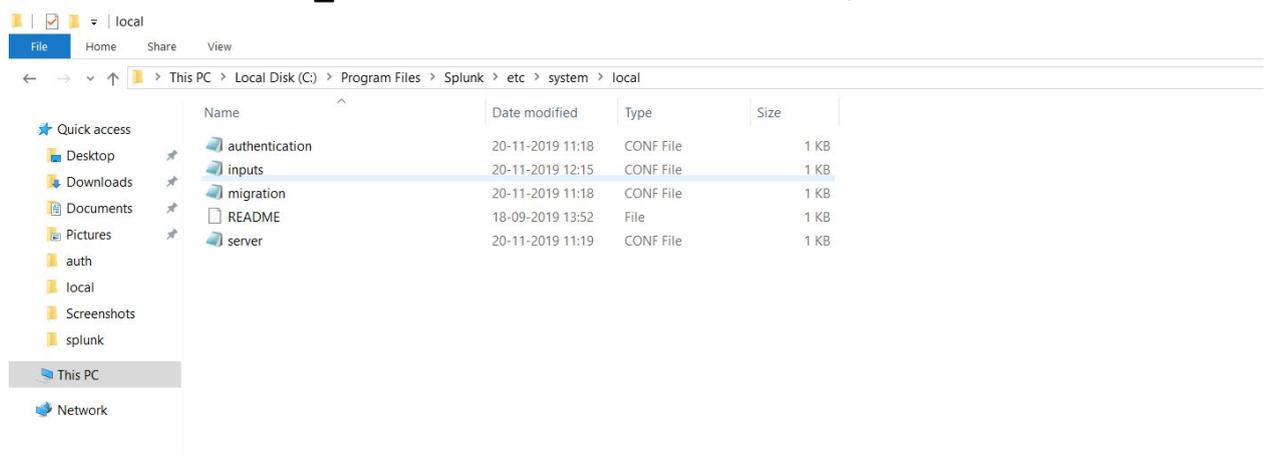
Add the following content to your props.conf file.

```
[default]
KV_MODE = json
```

Final Step: Restart Splunk to make these changes into effect.

2. Using limits.conf

Step 1: Go to `$SPLUNK_HOME/etc/system/local/` directory.



Step 2: If there exist a file named limits.conf then edit and if it doesn't exist create one.

Step 3: Add the following content to the file:

Note: You can specify the character limit as per your requirement.

```
[kv]
maxchars = 2500000
```

If the file already has **[kv]** stanza then just add the **maxchars = 2500000** line in that stanza to increase the character limit to 2500000 characters.

Final Step: Restart Splunk to make these changes into effect.