

## Guidelines for

### SMART RHEL8 ASSISTANCE SERVICE

- To use this **Smart Assistance Service** you must have to install apache webserver([httpd](http://httpd.apache.org/)) on your RHEL8 OS.
- Rules for storing the files :-
  - c.html** → */var/www/html/*
  - c.py** → */var/www/cgi-bin*
- You must have to convert the **c.py** file into executable mode. You can use the following command :-  
*sudo chmod +x /var/www/cgi-bin/c.py*
- Just after copying the files to above mentioned location in your system atfirst enter the ip address of your system in the **c.html** file. For e.g:-  
*<form action=http://192.168.30.138/cgi-bin/c.py>*
- It is highly recommended to use Chrome browser.
- The user of this service must provide all the root privileges to the “apache” user.

- Disable your firewall and SELinux. Else it will block few functions. You can disable these using the CGI program also.
- There are three text input box(box-1, box-2 & box-3). The box-1 is the main input box, it cannot be empty, here you have to enter all your requirement(like, what you want). But to enter any name or IP address (like – file name, folder name, user name, 192.168.30.103, etc.) enter in the box-2. Enter additional names in box-3(if needed in some special cases).
- Always write in lower case in box-1 and always use full phrases instead abbreviations. Because abbreviations cannot be recognized.
- To see the calendar :-  
For a single month calendar, specify the month in box-2 and the year in box-3. This will show a particular month of a year. For e.g :-  
Box -2 → 10  
Box – 3 → 2030  
It will show the October month of 2030.  
For a full year calendar, specify only the year in box-2.

- If you want to create or delete a file or a folder then type the name of file or folder along with proper location where to create or from where to delete the file or folder. Default location is – { */var/www/cgi-bin/* }. If no input is provided then the default value is – { *None* }. Incase of file mention the format along with the filename(like - *.txt, .pdf, .docx, etc.*).
- To rename or move or copy a file or a folder:-  
In the box-2, first mention the name and location of old one and then in box-3 mention the name of new file or new folder with location.
- While launching docker container, mention the name of container in box-2 and the OS with its version in box-3.  
For e.g :-  
box-2 → *os1*  
box-3 → *ubuntu:14.04*  
Here “os1” is the name of container and “ubuntu:14.04” is the name of OS and 14.04 is the version of the OS. You must have **docker** software installed on your RHEL8 OS to perform this function.
- To stop a running docker container enter only the name of container in box-2.

- To fetch the source code location of a program, mention the program name in box-2.
- To check a specific file in a directory, mention the directory along with the filename in box-2.