

Collect Collaboration Endpoint PRT File for 78XX and 88XX IP Phones

Contents

[Introduction](#)

[Prerequisites](#)

[Requirements](#)

[Components Used](#)

[Background Information](#)

[PRT Creation and Collection](#)

[Summary Steps](#)

[Detailed Creation Steps](#)

[Detailed Collection Steps](#)

[PRT Collection Procedure for 8821 IP Phone](#)

[Detailed Creation Steps for 8821 IP Phone](#)

[Detailed Collection Steps for 8821 IP Phone](#)

[Related Information](#)

Introduction

This document describes how to create and collect the Problem Report Tool (PRT) file from Cisco 78XX/88XX Series endpoints.

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- How to enable web access on the endpoint configuration
- Internet Protocol (IP) connectivity to the phone for access to the phone web interface

Components Used

The information in this document is based on these software and hardware versions:

- Cisco IP Phone firmware version 10.3(1) and later
- In this article, the Cisco 8845 Phone is used; however, the PRT feature is available on these phones.

At the bottom of this page, you are able to also gather a PRT from the 8821 firmware 11.0(4) and later.

78XX Series Phones with PRT Support

- Cisco IP Phone 7811
- Cisco IP Phone 7821
- Cisco IP Phone 7841
- Cisco IP Phone 7861

88XX Series Phones with PRT Support

- Cisco IP Phone 8811
- Cisco IP Phone 8821
- Cisco IP Phone 8841
- Cisco IP Phone 8845
- Cisco IP Phone 8851
- Cisco IP Phone 8851NR
- Cisco IP Phone 8861
- Cisco IP Phone 8865


The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.


Background Information

The Cisco Collaboration endpoint user interface displays basic information. In order to troubleshoot complex issues collect the PRT file. Please see the [Related Information](#) section to review the process depicted in this **VIDEO - Unified Communications Manager - 7800 and 8800 Problem Report Tool Collection**.

With firmware 10.3(1) and later some 78XX & 88XX Series Collaboration Endpoints support the PRT feature.

 **Note:** The Cisco DX650 also supports the PRT feature as seen in [DX650 FAQ: How do you create a problem report?](#). However, the focus of this document is 78XX/88XX Series Collaboration Endpoints.

 **Note:** The collaborations endpoint default level of console logging can be sufficient for basic analysis. If additional debugs are needed, refer to the [How to Log into a Cisco IP Phone to Set Debug Level](#) for more information.

 **Warning:** A packet capture (pcap) from the endpoint is required for conclusive analysis. The pcap procedure is covered in [Collecting a packet capture from a Cisco IP Phone](#).

PRT Creation and Collection

Summary Steps

Step 1. Press the **Settings** button on the phone.


Step 2. Navigate to **Phone Information**.

Step 3. Press soft key **Report problem**.

Step 4. Select **Other** in the **Problem Description**.

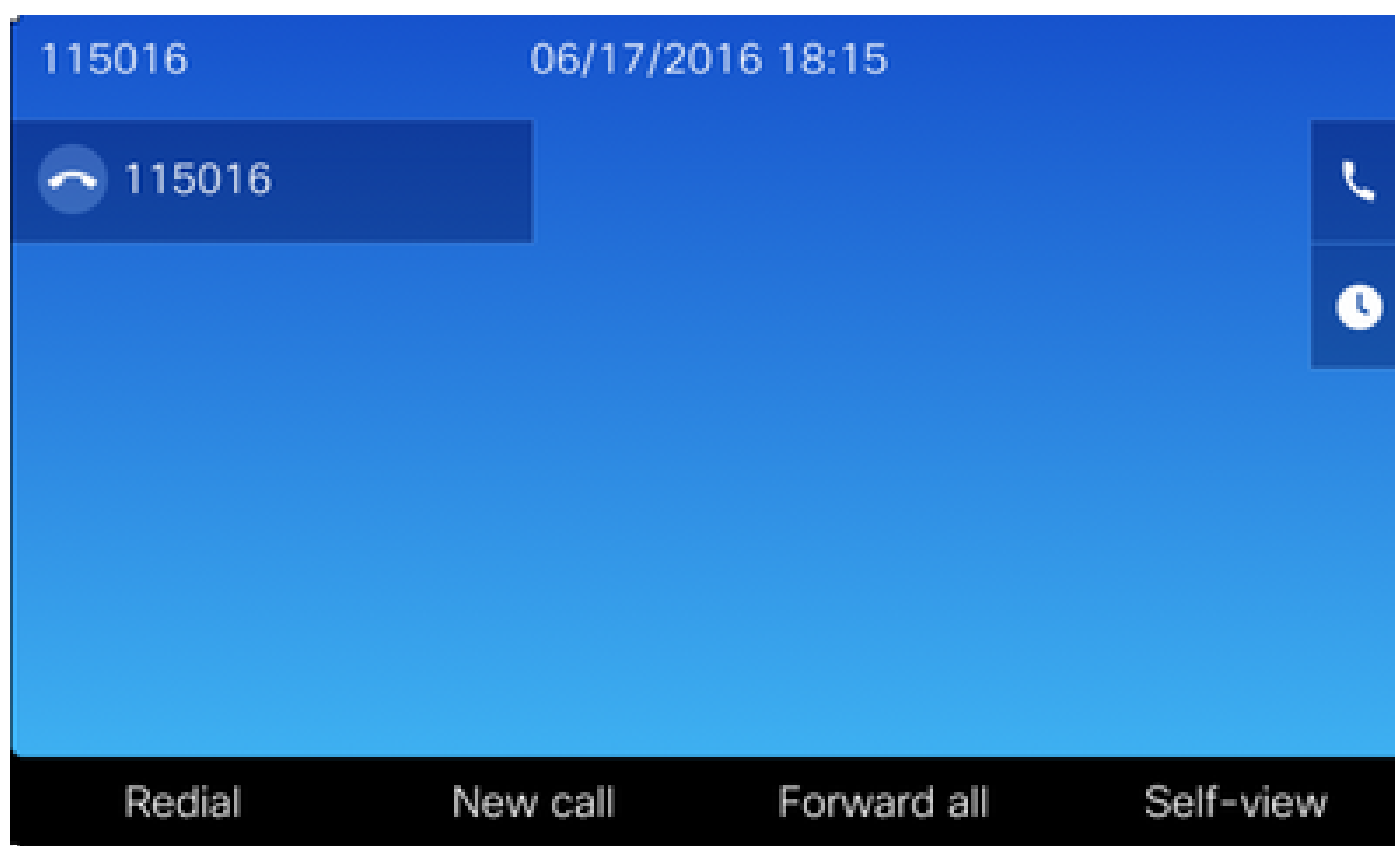
Step 5. Press the **Submit** soft key on the phone.

Step 6. Browse to the phone web interface and select **Console Logs**. Once at the console logs website, scroll to the bottom of the page and notice the **Problem Report Tool Logs**. Download the **prt-xxxxxxxxx.tar.gz** file.

 **Note:** The **xxxxxxxxxx** in the example name **prt-xxxxxxxxx.tar.gz** displays the date and time the PRT file is created. It looks similar to this: **prt-20160721-163034-1C6A7AE05D37.tar.gz**.

Detailed Creation Steps

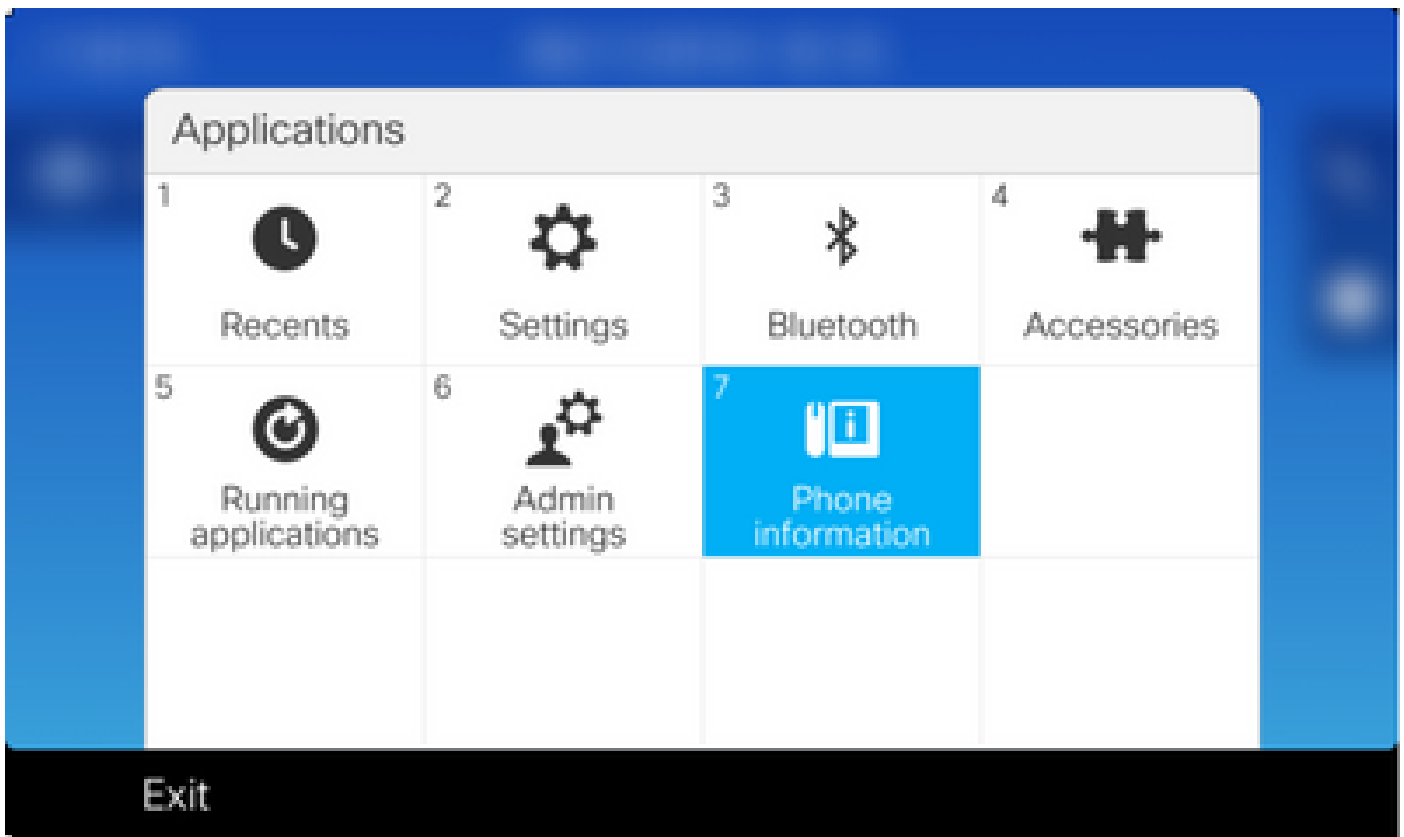
Begin at the endpoint home screen.



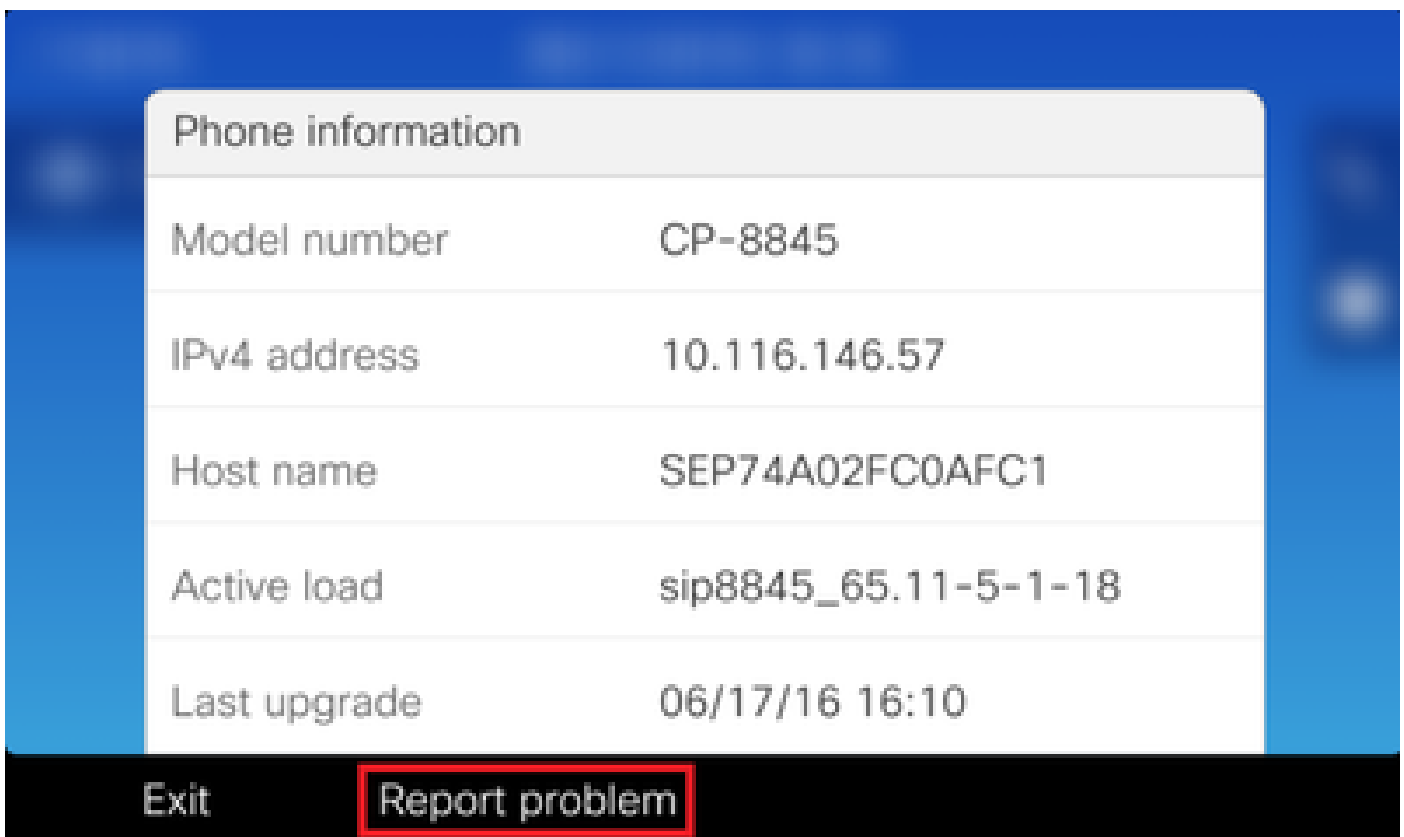
From the endpoint keypad, press the **Settings** button



On the Applications menu, press **Phone information** as shown in the image.



The **Report problem** button appears in a black ribbon at the bottom of the screen.



The **Problem reporting tool** screen is presented on the phone. Enter the date and time that indicates when the issue occurred.

Problem reporting tool

1 Date of problem 06/17/2016

2 Time of problem 6:16 PM

3 Problem description Please select >

Exit Submit

Once the date and time of the problem are entered, press the **Problem description**

Problem reporting tool

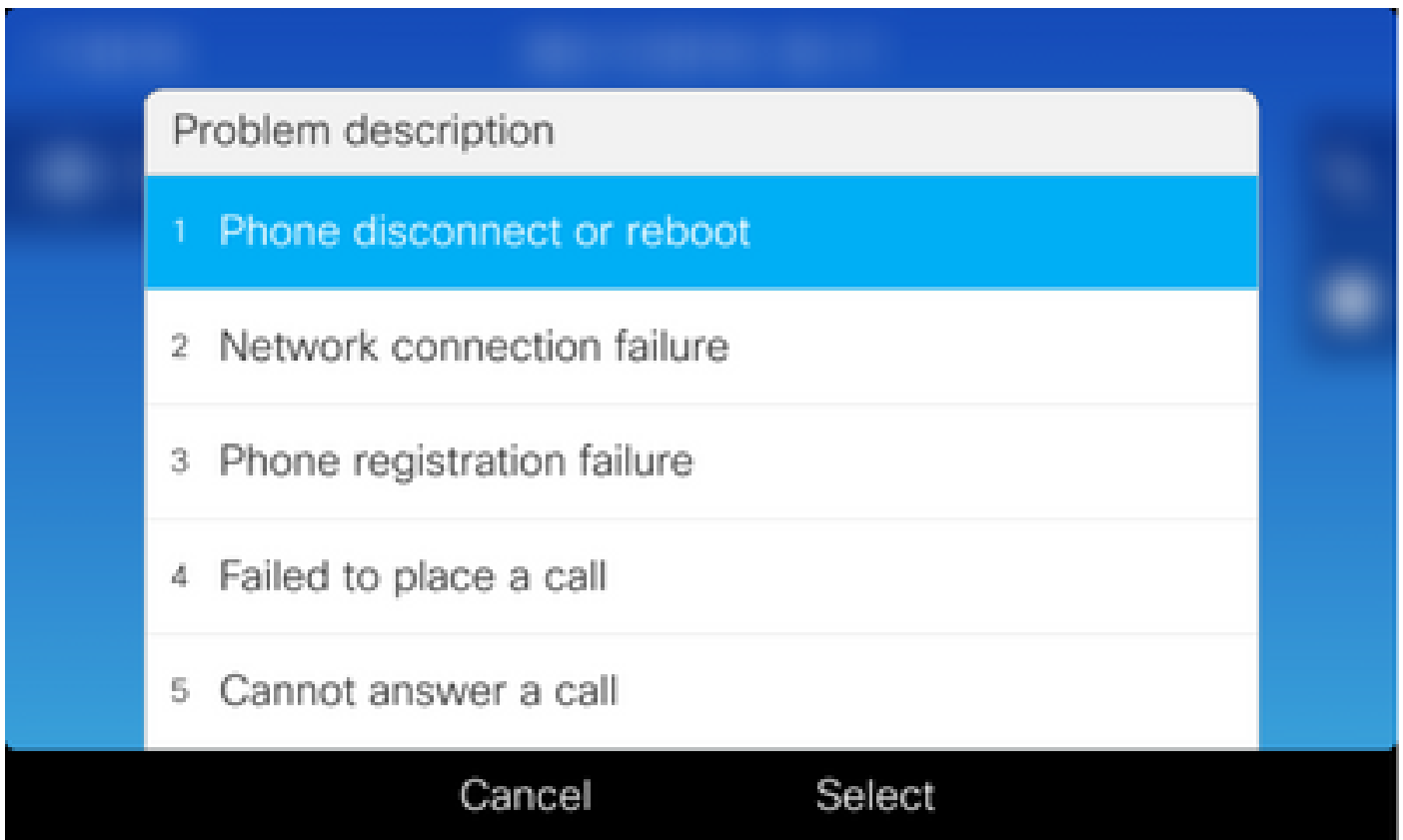
1 Date of problem 06/17/2016

2 Time of problem 6:16 PM

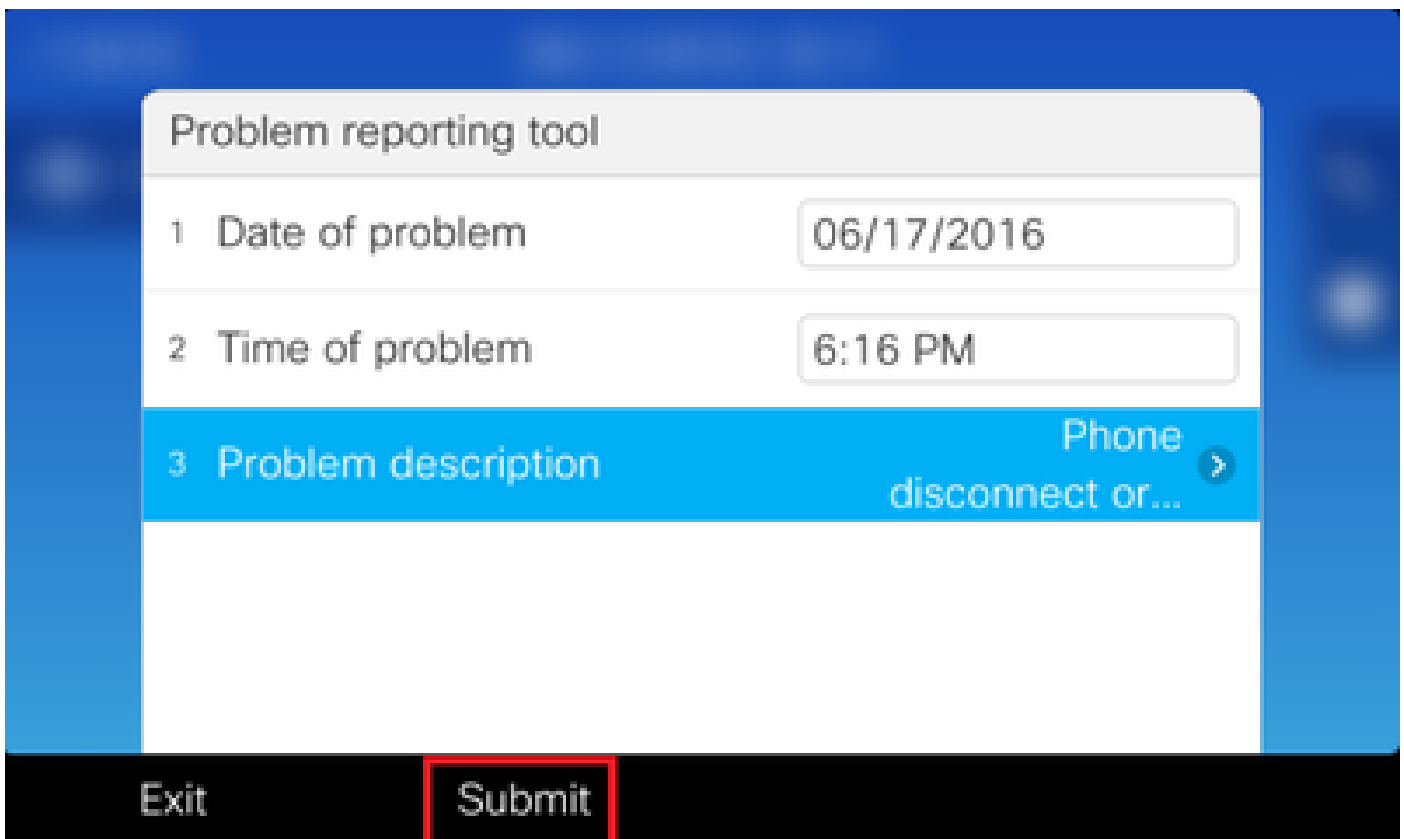
3 Problem description Please select >

Exit Submit

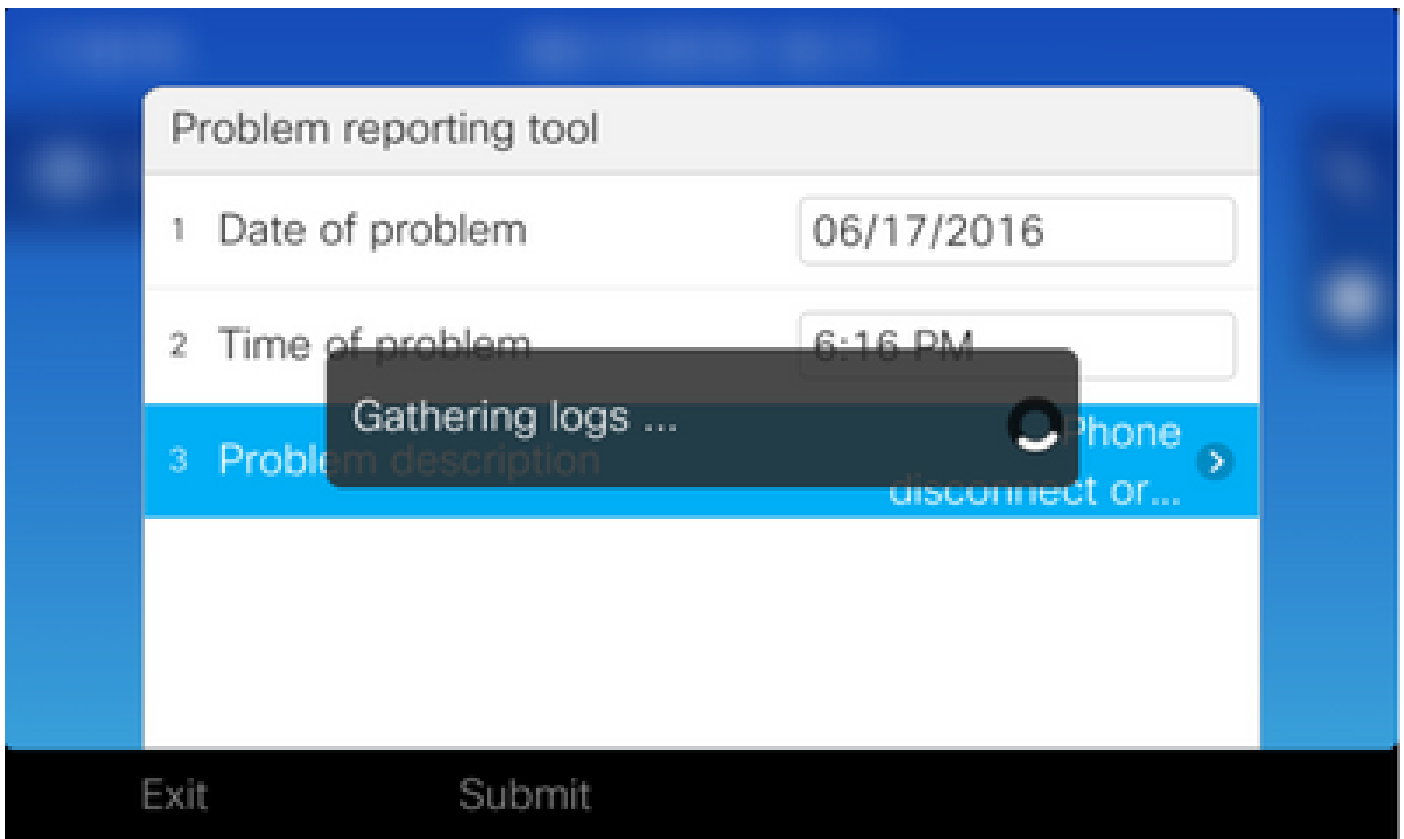
Make a selection from the **Problem description** list. This example shows that **Phone disconnect or reboot** is selected as the description of the problem.



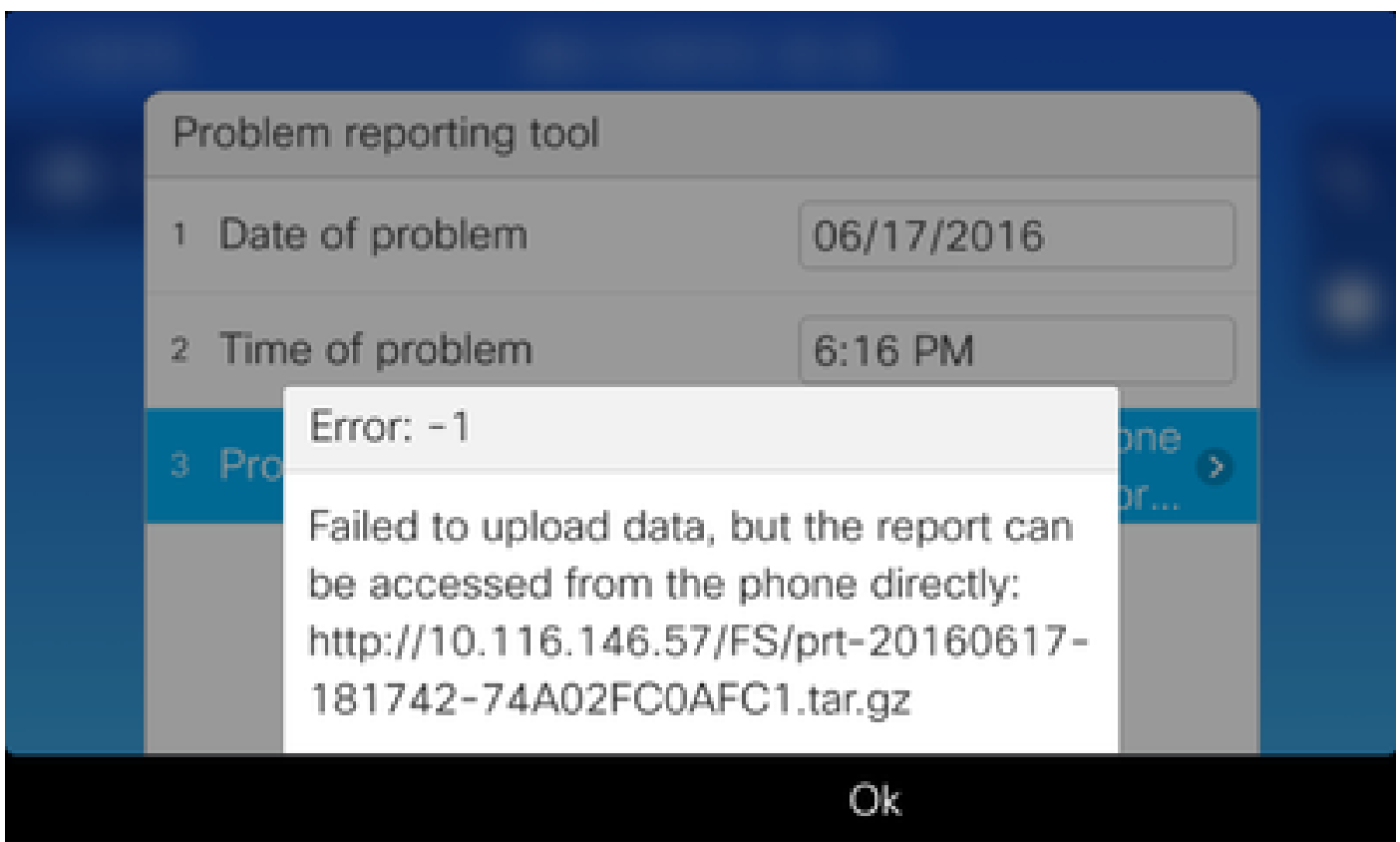
The **Problem reporting tool** page opens with the **Submit** button activated.



Gathering logs display on the screen when you click the submit button as shown in the image.




An error is displayed on the phone screen. Ignore this error as access to the PRT File from the phone web interface is possible.




 **Tip:** In order to avoid this error message, refer to [Problem Report Tool Upload Enhancement](#).

Detailed Collection Steps

To navigate to the phone web interface enter the phone IP Address in a web browser.

 **Note:** In order to enable web access, refer to [Enabling Web Access on the Phone](#).

 **Note:** In the newer software versions, the error displayed on the phone screen indicates the path where the last PRT is stored, is not shown within the IP Phone. The PRT file can be collected directly from the IP Phone once the file name in the event log is reviewed. This method can be used for not registered IP Phones, like the ones over MRA.

Click on **Console logs** as shown in the image.



[Device information](#)

[Network setup](#)

Network statistics

[Ethernet information](#)

[Access](#)

[Network](#)

Device logs

[Console logs](#)

[Core dumps](#)

[Status messages](#)

[Debug display](#)

Streaming statistics

