





## Documentation Updates

The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
- Software Release Date, which indicates the release date of this version of the software.

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**<http://h20230.www2.hp.com/selfsolve/manuals>**

This site requires that you register for an HP Passport and sign in. To register for an HP Passport ID, go to:

**<http://h20229.www2.hp.com/passport-registration.html>**

Or click the **New users - please register** link on the HP Passport login page.

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- Submit and track support cases and enhancement requests
- Download software patches
- Manage support contracts
- Look up HP support contacts
- Review information about available services
- Enter into discussions with other software customers
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**<http://h20229.www2.hp.com/passport-registration.html>**

To find more information about access levels, go to:

**[http://h20230.www2.hp.com/new\\_access\\_levels.jsp](http://h20230.www2.hp.com/new_access_levels.jsp)**

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# Chapter 1

## Background

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## Introduction

This HP integration product implements HP Service Manager Exchange with SAP Solution Manager. This version only implements Service Manager Incident Exchange with SAP Solution Manager. Therefore, this document focuses on the HP Incident Exchange.

Businesses today increasingly rely on their mission-critical SAP applications. Disruptions in the SAP environment have a severe business impact. Keeping the system continuously available has never been more vital for success. In any SAP landscape, business process disruptions caused by an application or infrastructure incident must be proactively prevented. If disruptions do occur, they need to be quickly and efficiently resolved. HP and SAP have teamed up to solve this issue.

Incident management in enterprises today consists of disconnected incident management systems that often implement divergent processes. This situation diminishes collaboration within IT operations, lowers quality of service and productivity.

The integration of SAP Solution Manager Service Desk with HP Service Manager provides a cohesive Incident and Service Request Management solution for the entire enterprise, resulting in higher enterprise availability, improved service quality and reduced IT costs.

HP Incident Exchange builds a dynamic link between HP Service Manager Software and SAP Solution Manager Service Desk and improves the Incident and Service Request Management Process throughout the entire enterprise. HP Incident Exchange offers dynamic integration between HP Service Manager and SAP Solution Manager Service Desk for improved incident workflow.

The interface to exchange support messages between HP Service Manager and SAP Solution Manager Service Desk was designed and developed jointly by HP and SAP and is certified by SAP.

## Audience

This document is intended for the following audiences:

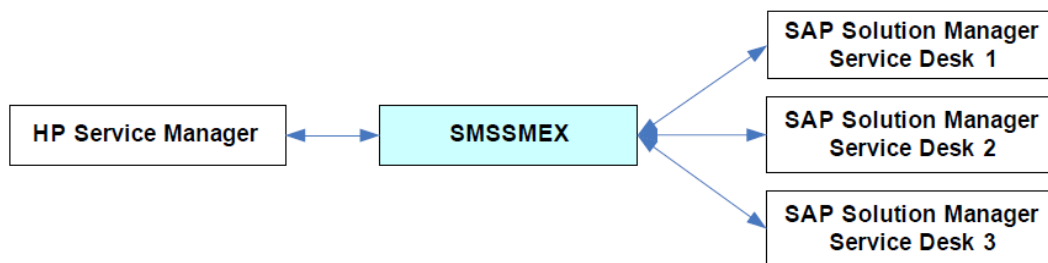
- Incident Analysts (and others involved in Incident Management, such as operators)
- Solution Manager User
- System Administrators (for installation and initial configuration)

## Prerequisites

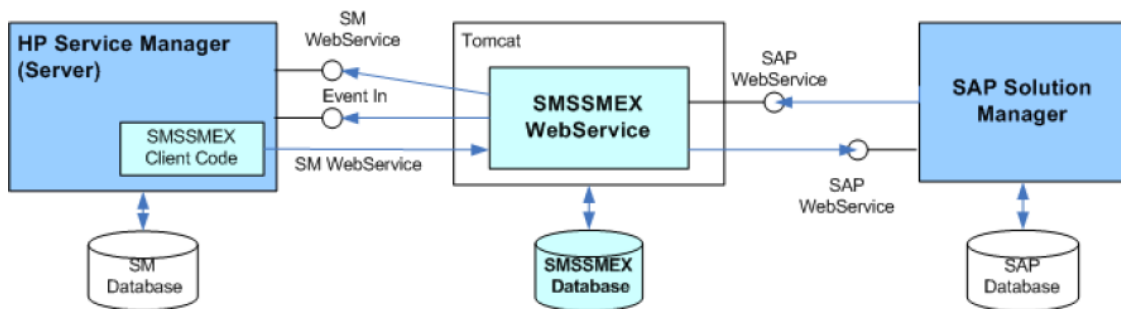
See the Service Manager 7.11 or 9.32 Compatibility Matrix. SM Collaboration requires the following core components:

- HP Service Manager 7.11 or 9.32
- SAP Solution Manager 7.1

## Architecture



SMSSMEX integrates a single Service Manager server with multiple external helpdesk systems.



- HP Service Manager Server is the HP service desk system.
- Service Manager DB provides persistent storage for HP Service Manager.
- SMSSMEX Client Code consists of RAD and Java scripts, table definitions and GUI formats. The SMSSMEX webservices are called from this client code.



- WebServer is a Tomcat Web Application Server or WebLogic Application Server that hosts the SMSSMEX WebService (deployed as a .war file).
- SMSSMEX WebService exposes the incident webservice of HP Service Manager in the SAP format and transfers client requests to SAP Solution Manager webservices.
- SMSSMEX Database provides persistent storage for the SMSSMEX WebService.
- SAP Solution Manager is the Service Desk.



# Chapter 2

## User Scenarios

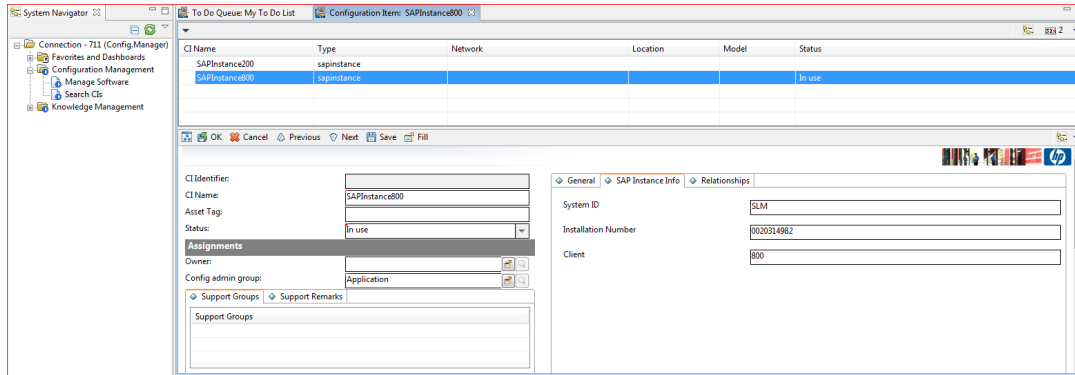
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### Set up SAP Instance CI in Service Manager

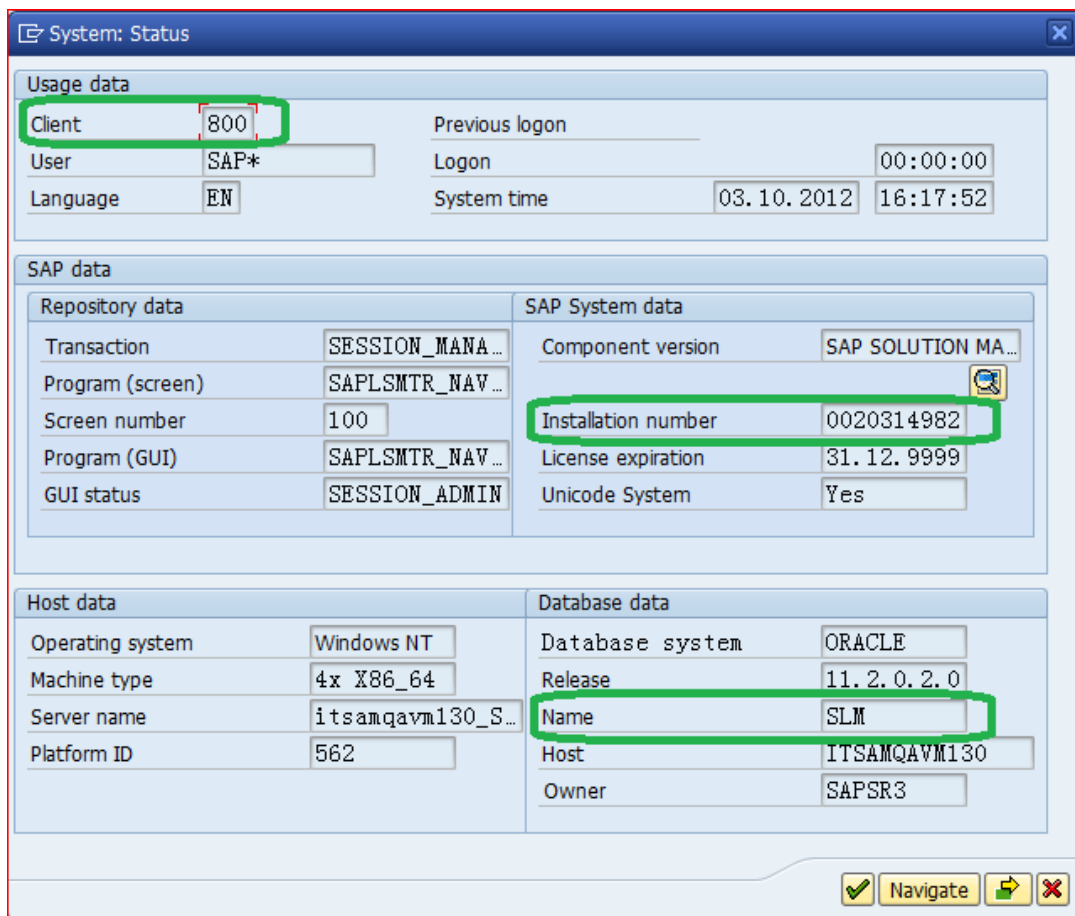
1. Log on to Service Manager as Config.Manager.
2. Click **Configuration Management > Search CIs**.
3. Set **SAPInstance** for the Type field.
4. Click **Search**.
5. Update the SAP Instance Info tab of the CI to reference to your SAP Solution Manager for

testing. [Please refer to Appendix A for how to get the values from SAP.]



To get System ID, Installation Number and Client information from SAP:

1. Log on to Solution Manager.
2. Click **System > Status** to get the three values:



## Create an incident in Service Manager

1. Log on to Service Manager as a user with the open incident permission.
2. Click **Incident Management > Open New Incident**. The incident ticket quick add form opens.
3. Fill in required fields for the new incident as necessary:
  - Set MyDevices for the Service field.
  - Select a CI of the SAPInstance type for the Affected CI field. The SAPInstance CI describes the client information of Solution Manager, such as SystemID, Installation Number and Client.

**Caution:** You should first select **Affected Service** and then select **Affected CI**. Please follow the sequence.

4. Complete the other required fields.
5. Click **Submit** and then click **Open New Incident** to create an incident.

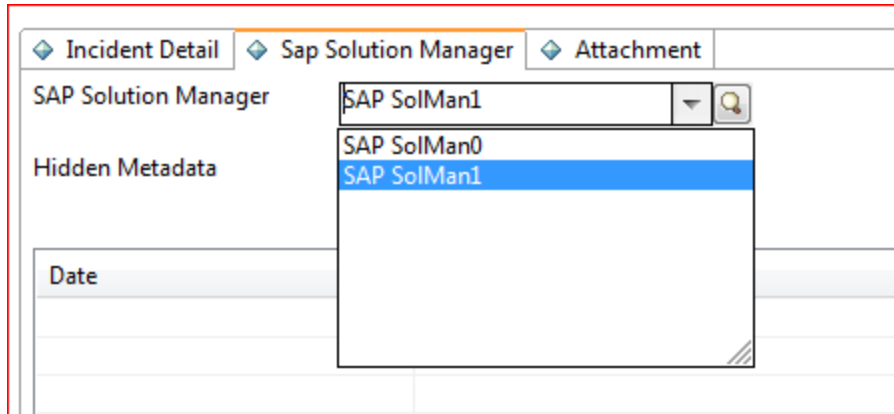
## Open a new incident to send to SAP

1. Click **Incident Management > Search Incidents**. The Display Which Incident Tickets form opens.
2. In the Incident ID textbox, type the ID of the new incident created in step 1 and click **Search**. The incident opens.

The screenshot displays the HP Service Manager interface. On the left, the 'New Incident' form is visible, showing fields for Incident ID (IM10236), Status (Open), Assignment Group (Application), Assignee, Vendor, Reference Number, Affected Items (Service: MyDevices, Affected CI: SAPInstance900), Outage Start (08/16/12 01:15:47), Outage End, Location, Title (Incident from Service Manager), and Description (Test incident exchange). On the right, the 'Incident Detail' view is shown, displaying fields for Category (Incident), Area (access), Sub-area (authorization error), Impact (1 - Enterprise), Urgency (1 - Critical), Priority (1 - Critical), Service Contract, SLA Target Date (08/20/12 12:00:00), Alert Status (open), and Solution Code.

3. Click the **Sap Solution Manager** tab and select a Solution Manager client in the **SAP**

### Solution Manager drop-down list.

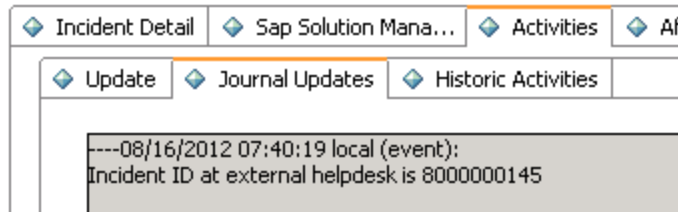


4. Click **Send Incident** to send the incident to SAP.
5. Service Manager receives the **Request accepted** message after the incident is sent to middleware successfully. Click **OK** to close the incident window.

**i** Incident IM10236 triggers external helpdesk 'exthd1' with response "><Request accepted".

Incident ID:

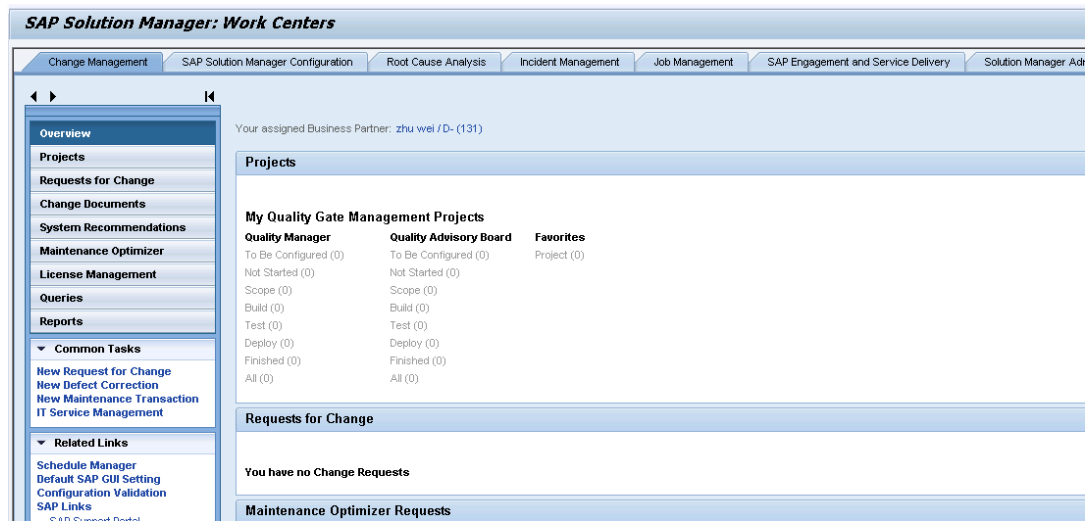
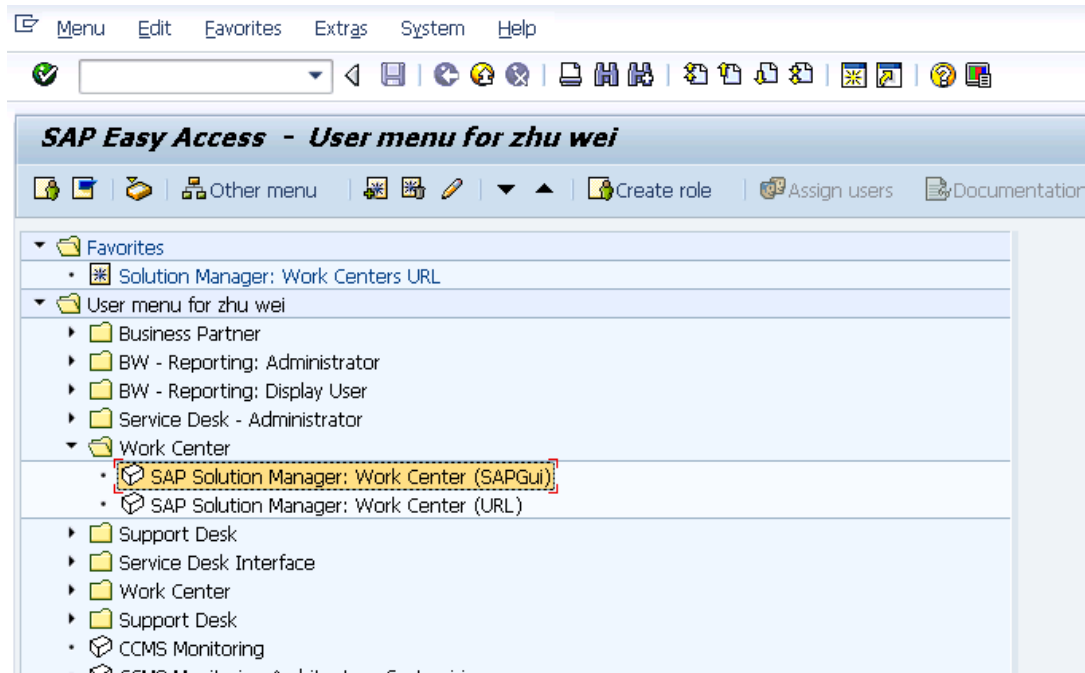
6. After a few minutes, re-open the incident to check whether it is sent to SAP. If the incident is sent successfully, Service Manager receives the Incident ID message from SAP.



7. Click **OK** to close the incident window.

## Open the incident in Solution Manager

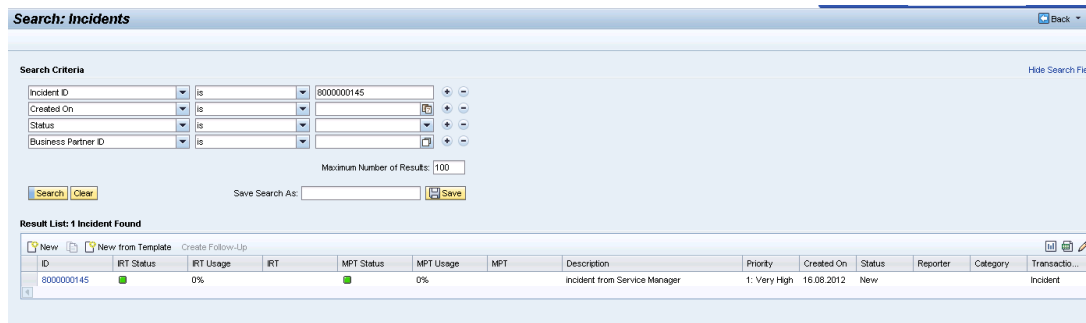
1. Log on to Solution Manager.
2. Click **Work Center > SAP Solution Manager: Work Center (SAP GUI)** to open Solution Manager Work Center.



3. Click **Common Tasks > IT Service Management**. The SAP Solution Manager IT Service Management page opens in Explorer.



4. Click **Search > Incidents** to open the search window.
5. Type the incident ID in **Search Criteria** and then click **Search**. The incident is displayed in the Result List.



6. Click the incident ID link to open the incident.
7. Fill the required fields (Reporter) and change the Status to **In Process**.



8. Click **Add Text** in Text drop-down section to add description for the incident.

9. Click **Save**. The incident information synchronizes with Service Manager automatically.

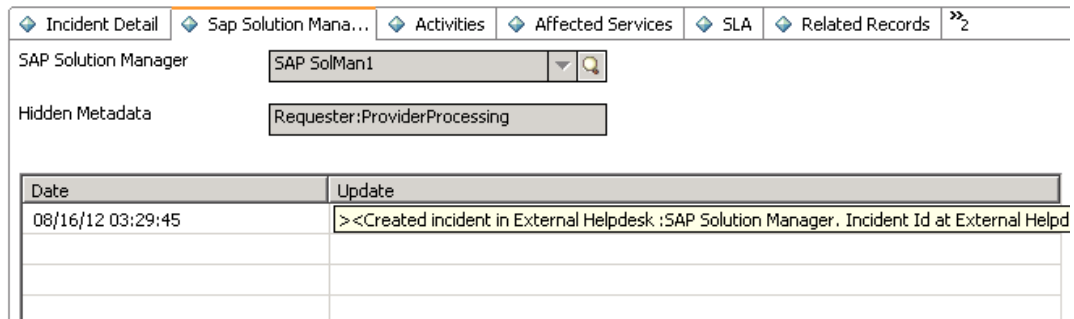
**Note:** Solution Manager autosaves the text field periodically. The autosaved text field is not synchronized with Service Manager.

10. Click **Display** to switch the incident to view mode.

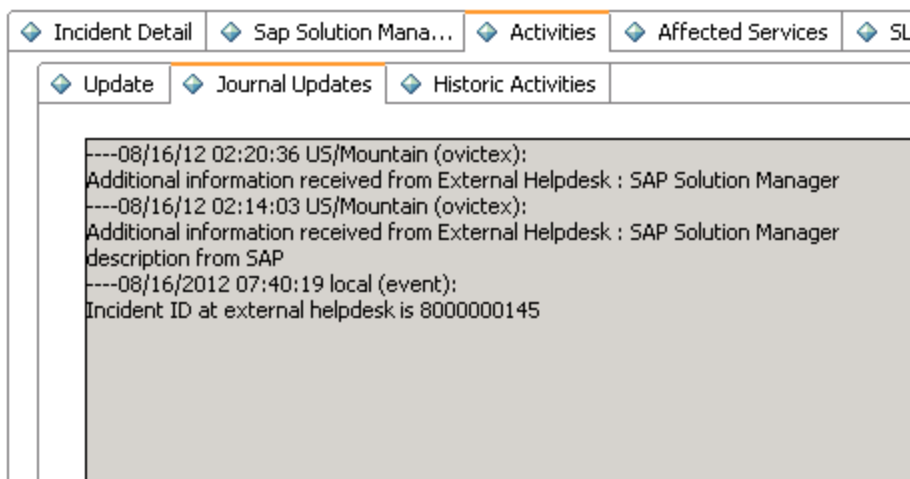
## Check updates in Service Manager

1. Click **Incident Management > Search Incidents**. The Display Which Incident Tickets form opens.

2. In the Incident ID textbox, type the ID of the new incident created in step 1 and click Search. The incident opens.
3. Click the **Sap Solution Manager** tab to view the incident's status from Hidden Metadata.
  - **Requester:** Indicates the incident is sent by Service Manager. Solution Manager is the provider.
  - **ProviderProcessing:** Indicates the incident is being processed by Solution Manager.



4. Click **Activities** tab > **Journal Updates** tab to view the message from Solution Manager. As shown in the following screenshot, Service Manager receives the message “description from SAP” from Solution Manager. The read-only textbox displays messages from Solution Manager every time the incident is updated.



5. Click **Activities** tab > **Historic Activities** tab to view updated log from Solution Manager.

Date/Time	Type	Operator	Description
08/16/12 02:20:36	External Update	ovictex	Additional information received from Ex...
08/16/12 02:14:04	External Update	ovictex	Additional information received from Ex...
08/16/12 01:40:19	Update from Customer	ovictex	8000000145
08/16/12 01:23:18	operator update	zhulin	Incident has been sent to SAP Solution...
08/16/12 01:15:47	Open	zhulin	test incident exchange

## Synchronize new information with Solution Manager

1. Click **Activities** tab > **Update** tab and type information in the Update textbox.

Type:

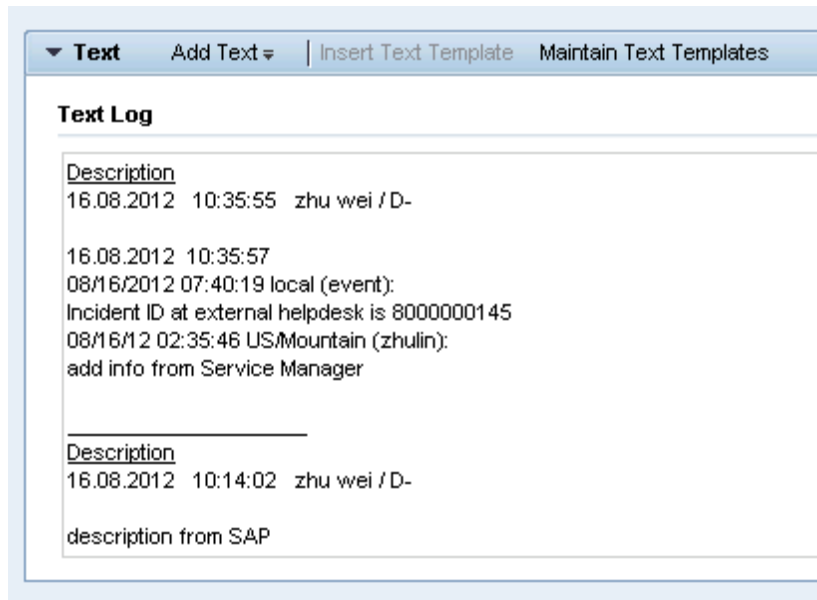
Update:

2. Click **Add Info** to synchronize with Solution Manager and then Service Manager receives the message “Request Accepted”.
3. Click **OK** to close the incident window.

## Check updates from Service Manager

1. Search the incident and then open it.
2. As shown in the following screenshot, Solution Manager receives update from Service

Manager.



## Update the incident status in Solution Manager

1. Search the incident and open it.
2. Click **Edit** to switch to the edit mode.
3. Change the status to **Customer Action** and then save it.

The incident's status must be changed to **Customer Action** or **Proposed Solution** in Solution Manager if the incident is closed in Service Manager.

4. Click **Add Text** to add a **Reply** type of Text. This is the solution provided by SAP.
5. Add a **Send Solution to External Service Desk** scheduled action.
6. Click **Save**.

7. Click **Display** or **Cancel** to release the incident in Solution Manager.

General Data		
ID:	8000000145	
Description:	incident from Service Manager	
Customer:	HPSW-R&D-SH	
Reporter:	zhu zi lin	
Processor:	zhu wei	
Service Team:		

Processing Data		
Status:	Customer Action	
Impact:		Urgency:
Recommended Priority:		Priority: 1: Very High

Dates		
Created:	16.08.2012	09:23
Changed:	16.08.2012	10:43
First Response by:		
IRT Status:	<input checked="" type="checkbox"/>	0 %

## Close the incident in Service Manager

1. Click **Incident Management > Search Incidents**. The Display Which Incident Tickets form opens.
2. In the Incident ID textbox, type the ID of the new incident created in step 1 and click **Search**. The incident opens.
3. Click **Close Incident** to close the incident in Service Manager.

**Caution:** The incident status in SAP Solution Manager MUST be **Customer Action** or **Proposed Solution**, then the incident can be closed in HP Service Manager side.

**Note:** Wait for a few minutes after you clicked the **Close Incident** button. The Close Incident action is unsynchronized between HP Service Manager and SAP Solution Manager.

## Check the incident's status in Solution Manager

1. Search the incident and then open it.
2. Solution Manager displays the message "The message is already closed".

- The incident's status is changed to Confirmed.

**Incident: 8000000145, incident from Service Manager**

Save | Display | Cancel | New | New from Template | Create Follow-Up | Actions | More

The message is already closed

**Details** Edit

**General Data**

ID: 8000000145  
 Description: incident from Service Manager  
 Customer: HPSW-R&D-SH  
 Reporter: zhu zl lin  
 Processor: zhu wei  
 Service Team:

**Processing Data**

Status: Confirmed  
 Impact: Urgency:  
 Recommended Priority: Priority: 1: Very High

**Dates**

Created: 16.08.2012 09:23  
 Changed: 16.08.2012 10:46  
 First Response by:  
 IRT Status:  0 %  
 Due by:  
 MPT Status:  0 %

## SM 9.32 to SAP Solution Manager 7.1

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## Create an incident in Service Manager

1. Log on to Service Manager as an Administrator.
2. Click **Incident Management > Open New Incident**. The incident ticket quick form opens.

3. Fill in required fields for the new incident as necessary:
  - a. Click **Fill** to select an Assignment Group.
  - b. Click **Fill** to select the applicable **Affected Service**, “MyDevices”.
  - c. Click **Fill** to select the **Affected CI**. The CI describes the client information of Solution Manager, such as SystemID, Installation Number and Client.

**Caution:** You should first select **Affected Service** and then select **Affected CI**. Please follow the sequence.

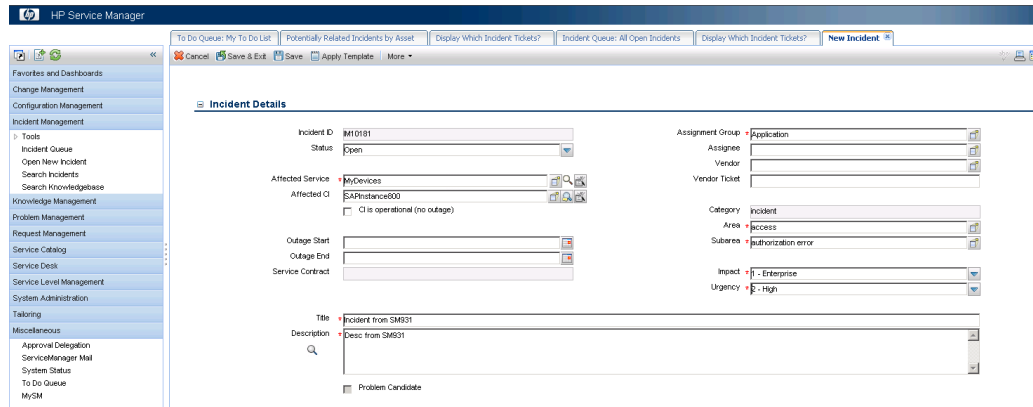
- d. Type a **Title** for the incident.

**Note:** The Default Impact and Priority values of the affected CI are automatically populated to the Impact and Urgency fields of the incident record. You can manually change these auto-populated values if needed.

**Caution:** If you specify the Impact and Urgency values first and then specify an Affected CI with an empty Default Impact or Priority value, the Impact or Urgency value you selected for the incident record will be cleared.

- e. Type a **Description** for the incident.
- f. Click **Search Knowledge** icon to see if the issue is already logged in the knowledgebase.

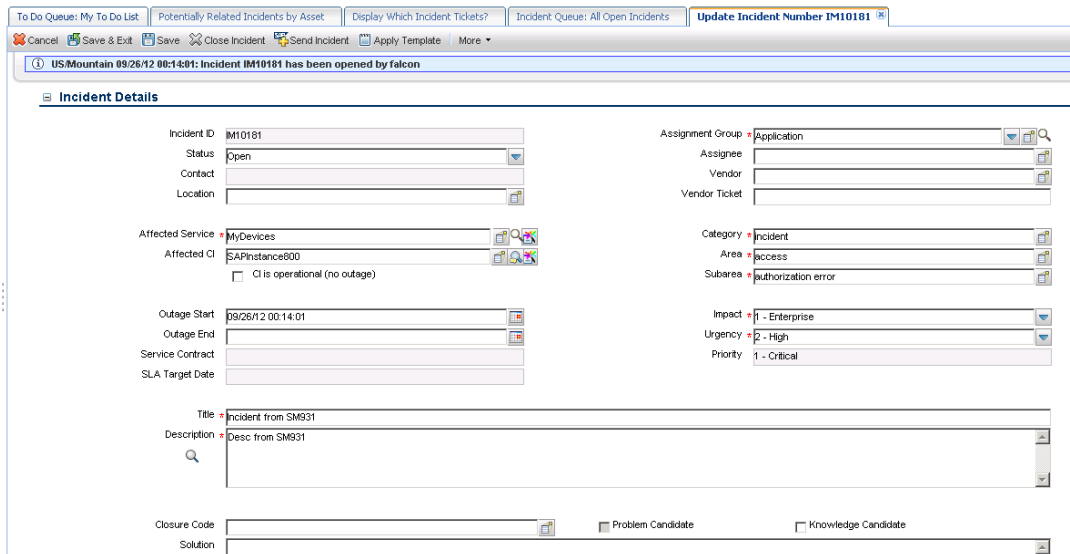
- g. Complete the required fields in the Incident Details section.
- h. Complete the form with any other relevant information.



- 4. Click **Save&Exit** and then click **Open New Incident** to create an incident.

## Open a new incident to send to SAP

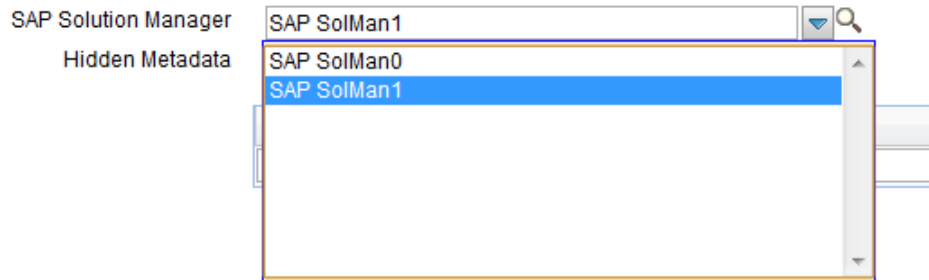
- 1. Click **Incident Management > Search Incidents**. The Display Which Incident Tickets form opens.
- 2. In the Incident ID textbox, type the ID of the new incident created in step 1 and click **Search**. The incident opens.



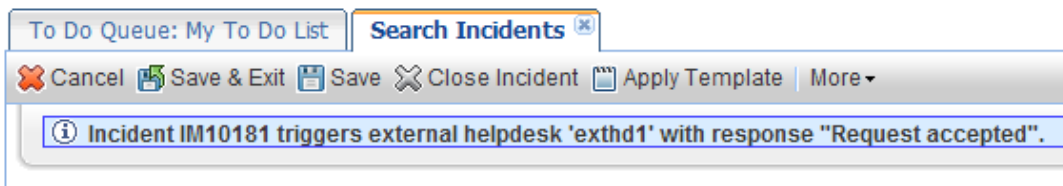
- 3. Extend the **Sap Solution Manager** tab and select a Solution Manager client in the **SAP Solution Manager** drop-down list.



## ☐ Sap Solution Manager

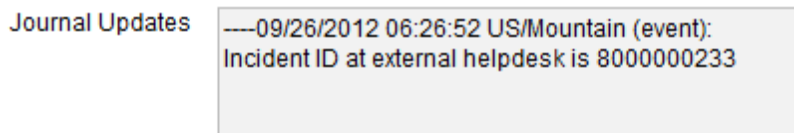


4. Click **Send Incident** to send the incident to SAP.
5. Service Manager receives the **Request accepted** message after the incident is sent to middleware successfully. Click **OK** to close the incident window.



6. After a few minutes, re-open the incident to check whether it is sent to SAP.

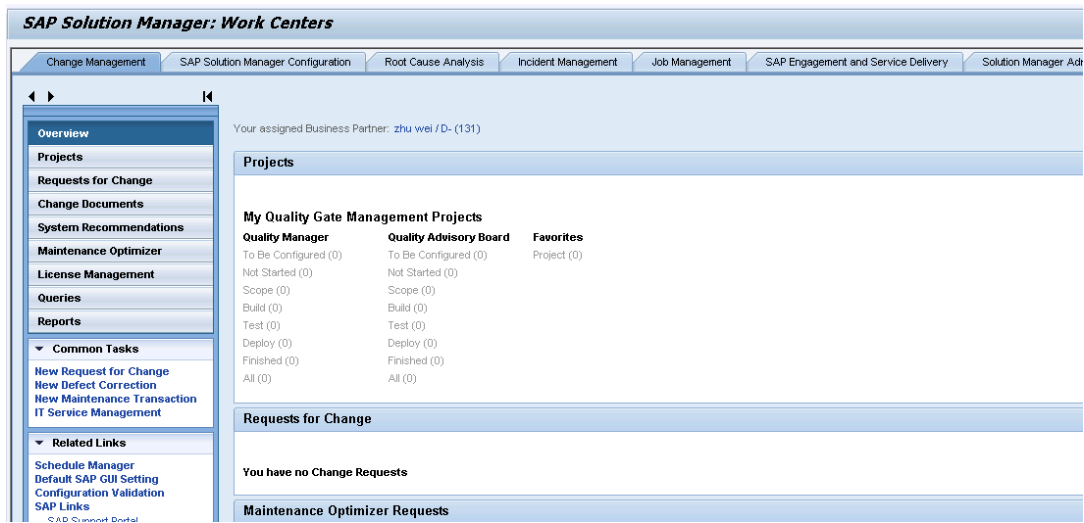
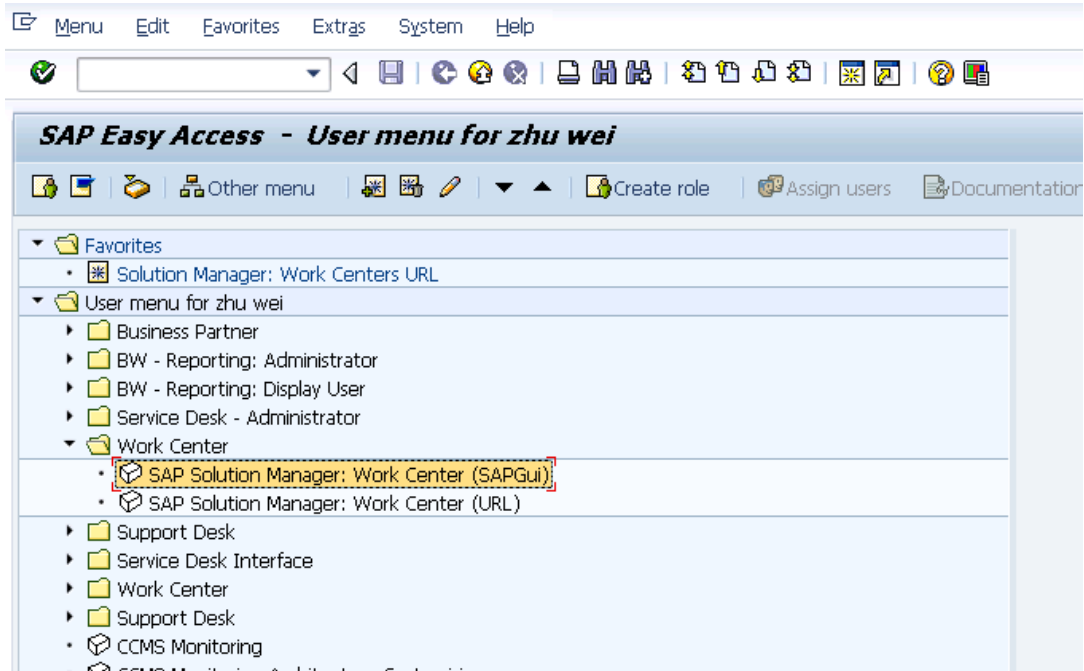
If the incident is sent successfully, Service Manager receives the Incident ID message from SAP.



7. Click **Cancel** to close the incident window.

## Open the incident in Solution Manager

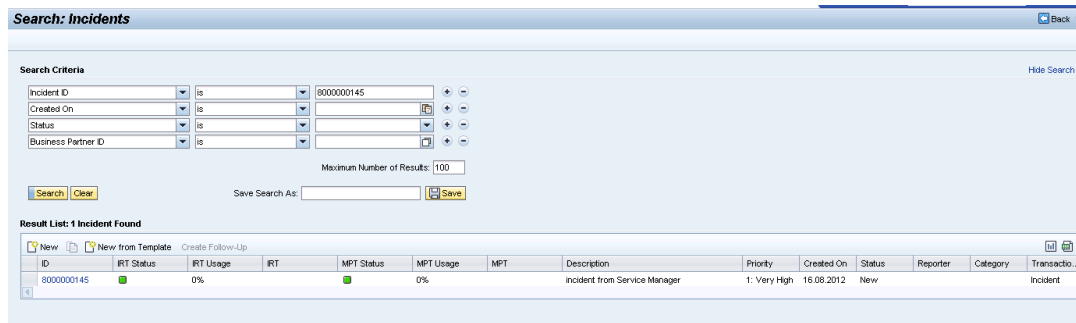
1. Log on to Solution Manager.
2. Click **Work Center > SAP Solution Manager: Work Center (SAP GUI)** to open Solution Manager Work Center.



3. Click **Common Tasks > IT Service Management**. The SAP Solution Manager IT Service Management page opens in Explorer.



4. Click **Search > Incidents** to open the search window.
5. Type the incident ID in **Search Criteria** and then click **Search**. The incident is displayed in the Result List.



6. Click the incident ID link to open the incident.
7. Fill the required fields (Reporter) and change the Status to **In Process**.

8. Click **Add Text** in Text drop-down section to add description for the incident.

9. Click **Save**. The incident information synchronizes with Service Manager automatically.

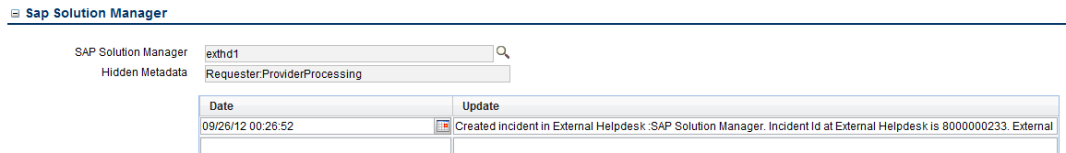
**Note:** Solution Manager autosaves the text field periodically. The autosaved text field is not synchronized with Service Manager.

10. Click **Display** to switch the incident to view mode.

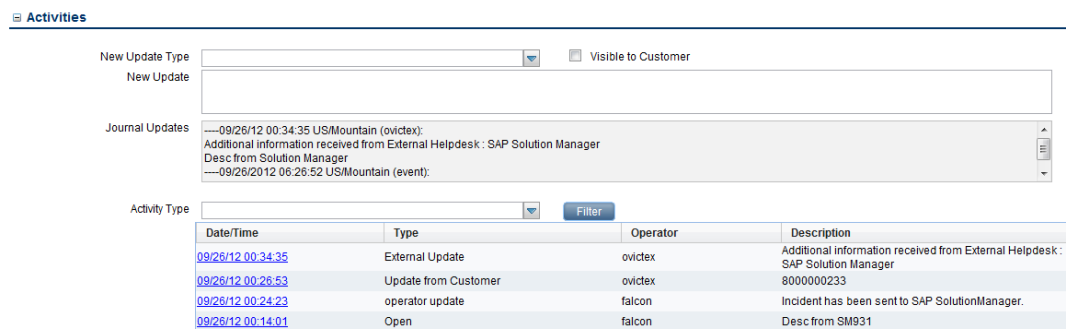
## Check updates in Service Manager

1. Click **Incident Management > Search Incidents**. The Display Which Incident Tickets form opens.

- In the Incident ID textbox, type the ID of the new incident created in step 1 and click **Search**. The incident opens.
- Extend the **Sap Solution Manager** tab to view the incident’s status from Hidden Metadata.
  - Requester:** Indicates the incident is sent by Service Manager. Solution Manager is the provider.
  - ProviderProcessing:** Indicates the incident is being processed by Solution Manager.

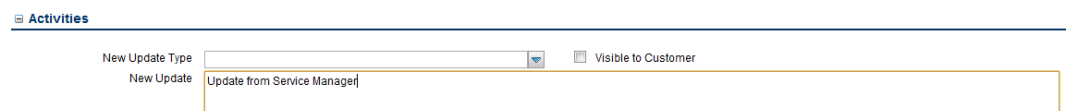


- Extend **Activities** tab to view the message of Journal Updates. As shown in the following screenshot, Service Manager receives the message “Desc from Solution Manager” from Solution Manager. The read-only textbox displays messages from Solution Manager every time the incident is updated.



## Synchronize new information with Solution Manager

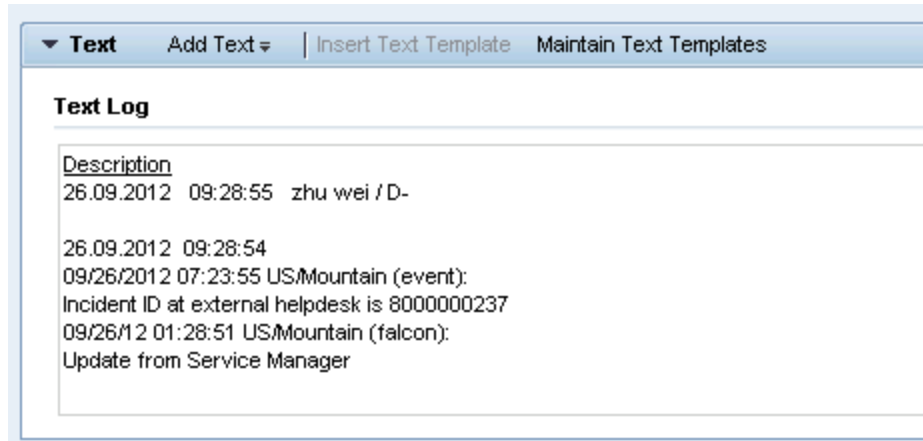
- Extend Activities tab to input “Update from Service Manager” message into New Update textbox.



- Click **Add Info** to synchronize with Solution Manager and then Service Manager receives the message “Request Accepted”.
- Click **Cancel** to close the incident window.

## Check updates from Service Manager

1. Search the incident and then open it.
2. As shown in the following screenshot, Solution Manager receives update from Service Manager.



## Update the incident status in Solution Manager

1. Search the incident and open it.
2. Click **Edit** to switch to the edit mode.
3. Change the status to **Customer Action** and then save it.

The incident's status must be changed to **Customer Action** or **Proposed Solution** in Solution Manager if the incident is closed in Service Manager.

4. Click **Display** to switch to the view mode.

The screenshot shows a web interface for incident details. At the top, there is a 'Details' tab and an 'Edit' icon. The form is divided into three main sections: 'General Data', 'Processing Data', and 'Dates'.  
**General Data:** ID: 8000000233; Description: Incident from SM931; Customer: HPSW-R&D-SH; Reporter: zhu zi lin; Processor: zhu wei; Service Team: (empty).  
**Processing Data:** Status: Customer Action; Impact: (empty); Urgency: (empty); Recommended Priority: (empty); Priority: 2: High.  
**Dates:** Created: 26.09.2012 08:24; Changed: 26.09.2012 08:50; First Response by: (empty).  
At the bottom, the IRT Status is shown as a green square followed by '0 %'.

## Close the incident in Service Manager

1. Click **Incident Management > Search Incidents**. The Display Which Incident Tickets form opens.
2. In the Incident ID textbox, type the ID of the new incident created in step 1 and click **Search**. The incident opens.
3. Click **Close SAP Incident** to close the incident in Service Manager.

**Caution:** The incident status in SAP Solution Manager MUST be **Customer Action** or **Proposed Solution**, then the incident can be closed in HP Service Manager side.

**Note:** Wait for a few minutes after you clicked the **Close SAP Incident** button. The Close Incident action is unsynchronized between HP Service Manager and SAP Solution Manager.

## Check the incident's status in Solution Manager

1. Search the incident and then open it.
2. Solution Manager displays the message "The message is already closed".

- The incident's status is changed to Confirmed.

**Incident: 8000000233, Incident from SM931**

Save | Display | Cancel | New | New from Template | Create Follow-Up | Actions | More

The message is already closed

**Details** Edit

---

**General Data**

ID:	8000000233	
Description:	Incident from SM931	
Customer:	<a href="#">HPSW-R&amp;D-SH</a>	
Reporter:	<a href="#">zhu zi lin</a>	
Processor:	<a href="#">zhu wei</a>	
Service Team:		

---

**Processing Data**

Status:	Confirmed	
Impact:		Urgency:
Recommended Priority:		Priority: 2: High

---

**Dates**

Created:	26.09.2012	08:24
Changed:	26.09.2012	09:04

First Response by:

IRT Status:	<input checked="" type="checkbox"/>	0 %
Due by:		
MPT Status:	<input checked="" type="checkbox"/>	0 %

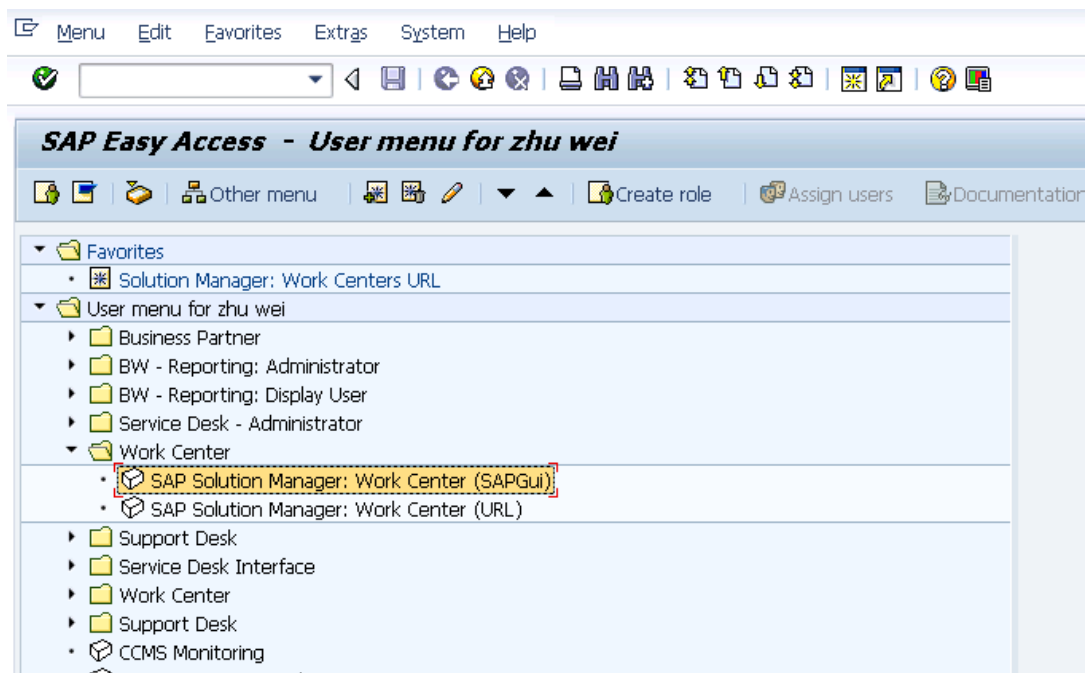


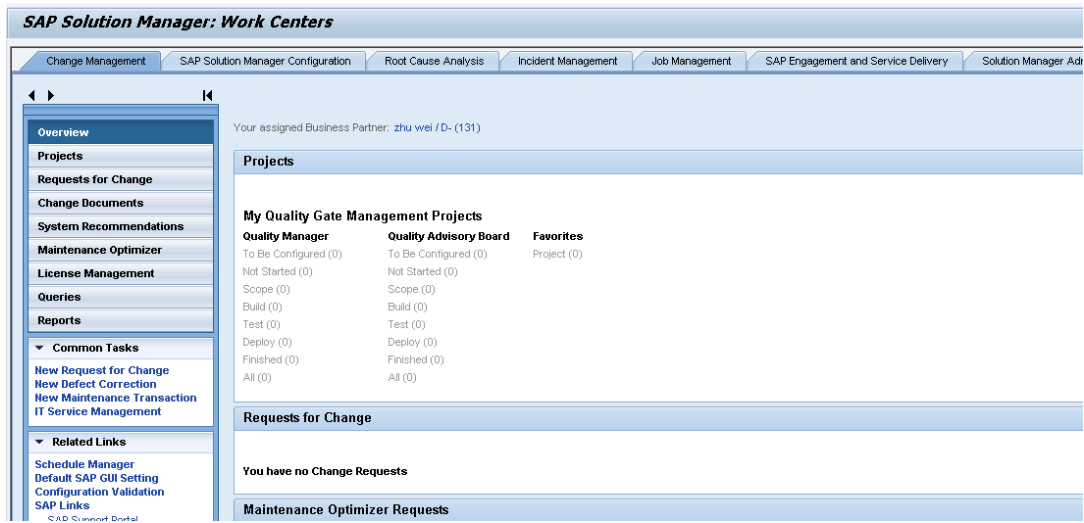
# SAP Solution Manager 7.1 to SM 7.11

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Send the incident back to Service Manager .....	39
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Check the incident's status in Service Manager .....	42

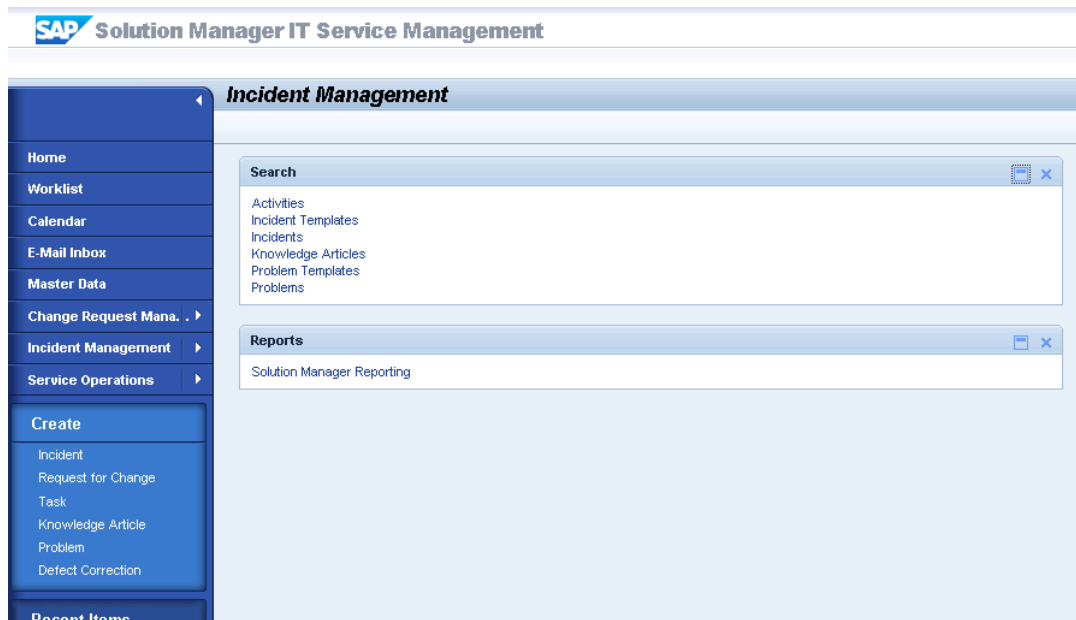
## Create incident in Solution Manager

1. Log on to Solution Manager.
2. Click **Work Center > SAP Solution Manager: Work Center (SAP GUI)** to open Solution Manager Work Center.





3. Click **Common Tasks > IT Service Management**. The SAP Solution Manager IT Service Management page opens in Explorer.



4. Click **Create > Incident**. The Incident: New page opens.

The screenshot shows the 'Incident: New' form in SAP Solution Manager. The form is divided into several sections:
 

- General Data:** Fields for ID, Description\*, Customer, Reporter\*, Processor\*, and Service Team.
- Category:** Four level dropdown menus (Level 1-4) and a Solution Category dropdown.
- Processing Data:** Status (New), Impact, Urgency, Recommended Priority, and Priority\* (2: High).
- Relationships:** Related Problem, Related Request for Change, and Related Knowledge Article.
- Reference Objects:** Installed Base and Installed Base Component.
- Dates:** Created, Changed, and First Response by.

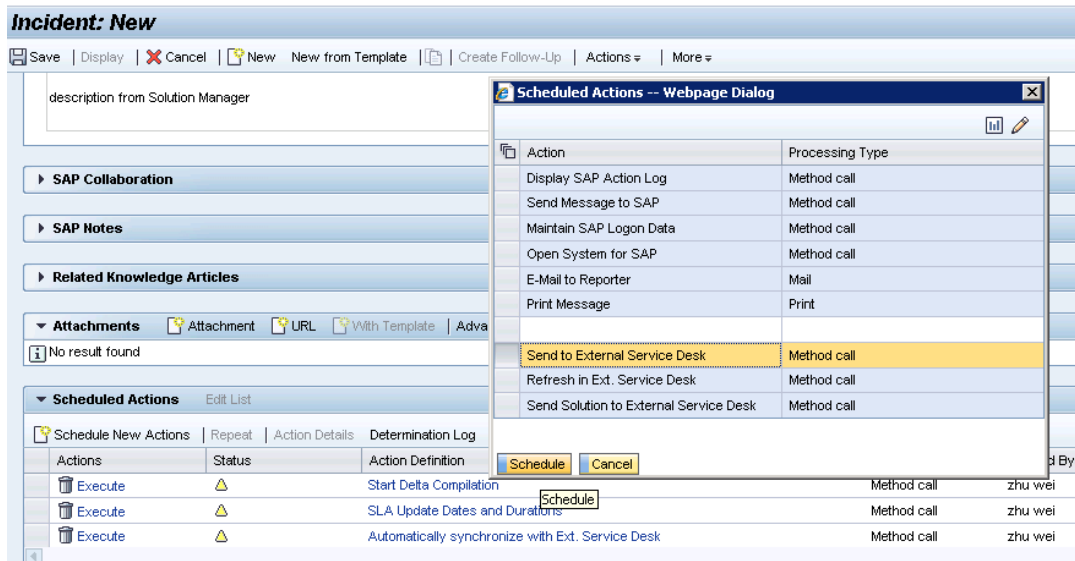
5. Fill in the required fields for the new incident as necessary:

- Type a **Description** and a **Reporter** for the incident.
- Select a **Priority** in the drop-down list.
- Click **Fill** to select the **Installed Base Component**. This field describes the client information of Solution Manager, such as SystemID, Installation Number and Client.
- Complete the form with any other relevant information.

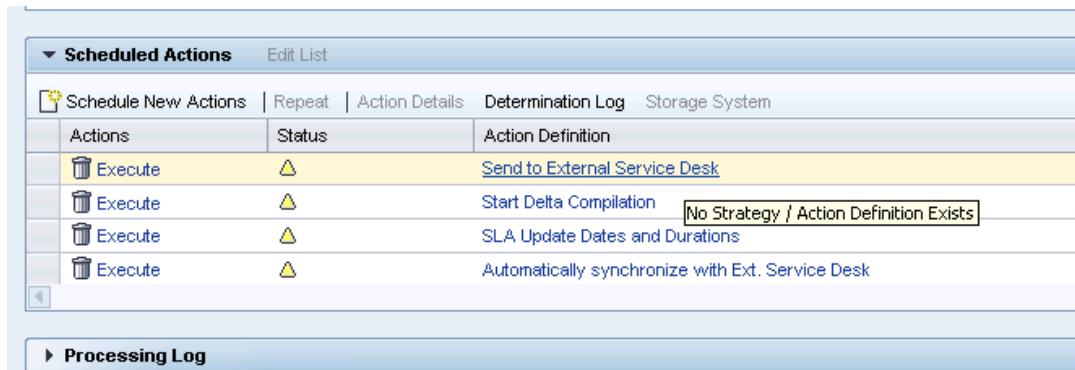
The screenshot shows the 'Incident: New' form with the following data entered:
 

- General Data:** Description\* is 'Incident from Solution Manager', Customer is 'HPSV.R&D-SH', and Reporter\* is 'zhu zilin'.
- Category:** Level 1-4 are empty.
- Processing Data:** Status is 'New', Urgency is empty, Recommended Priority is empty, and Priority\* is '2: High'.
- Relationships:** All fields are empty.
- Reference Objects:** Installed Base is '1' and Installed Base Component is '3258'.
- Dates:** Created and Changed are '00:00'. IRT Status is '0 %'.

6. Click **Schedule new Action** in Schedule Actions drop-down section and select **Send to External Service Desk** from the list in the new window opened.



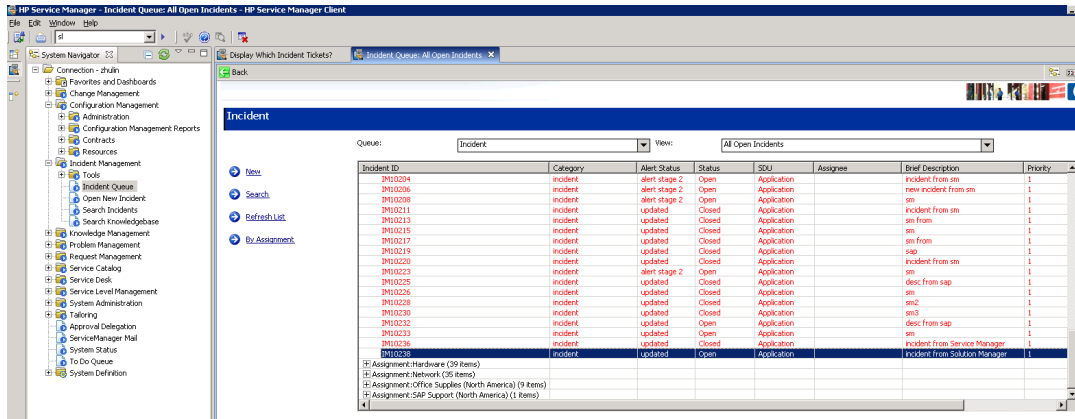
- As shown in the following screenshot, the new action is waiting to be executed in the action list.



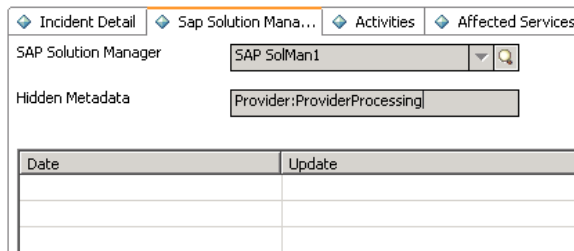
- Click **Save** to send the incident to Service Manager
- Click **Display** to switch the incident to view mode.

## Send solution in Service Manager

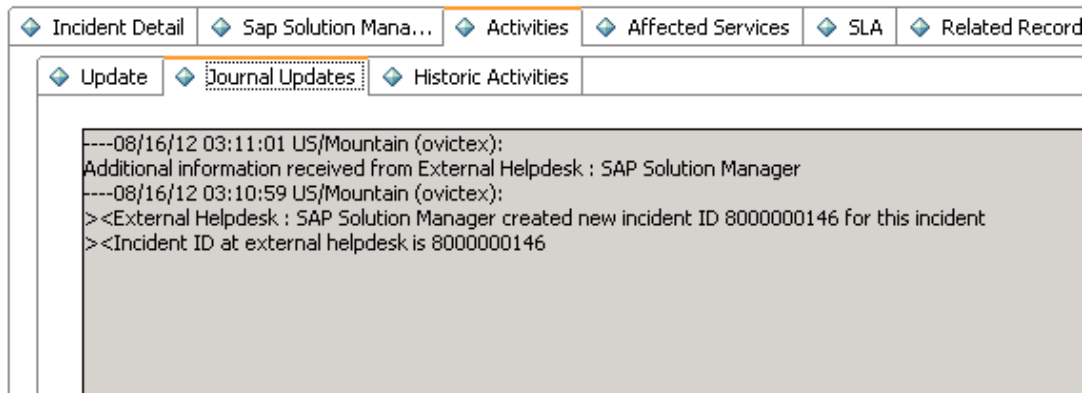
- Log on to Service Manager as an Administrator.
- Click **Incident Management > Incident Queue**. Find the incident from Solution Manager in the Incident Queue form.



- Open the incident and check the updated information from Solution Manager.
- Click the **Sap Solution Manager** tab to view the incident’s status from Hidden Metadata.
  - Provider:** Indicates the incident is requested by Solution Manager. Service Manager provides the solution to Solution Manager.
  - ProviderProcessing:** Indicates the incident is being processed by Service Manager.



- Click **Activities** tab > **Journal Updates** tab to view the message from Solution Manager. As shown in the following screenshot, Service Manager receives the message that displays incident ID of Solution Manager.



6. Click **Incident Detail** tab to add solution to the Solution field.

The screenshot shows the 'Incident Detail' form with the following values:

- Category: incident
- Area: access
- Sub-area: authorization error
- Impact: 2 - Site/Dept
- Urgency: 3 - Average
- Priority: 2 - High
- Alert Status: DEADLINE ALERT
- Candidate for Knowledge DB:
- Solution: (empty text area)

7. Click **Send Solution** to send solution provided by Service Manager to Solution Manager.
8. After a few minutes, click the **Sap Solution Manager** tab to view the incident's status from Hidden Metadata.
  - **SolutionProvided:** Indicates the incident has been sent with solution by Service Manager.

The screenshot shows the 'Update Incident Number' dialog box and the 'Hidden Metadata' section. The dialog box contains the following information:

- Incident ID: IM10238
- Status: Open
- Assignment Group: Application
- Assignee: (empty)
- Vendor: (empty)
- Reference Number: (empty)
- Affected Items: MyDevices

The 'Hidden Metadata' section shows a log entry with the date 08/16/12 03:35:27 and the message '> <Solution is provided to External Helpdesk: SAP Solution Manager'. The 'Update' button is visible next to the log entry.

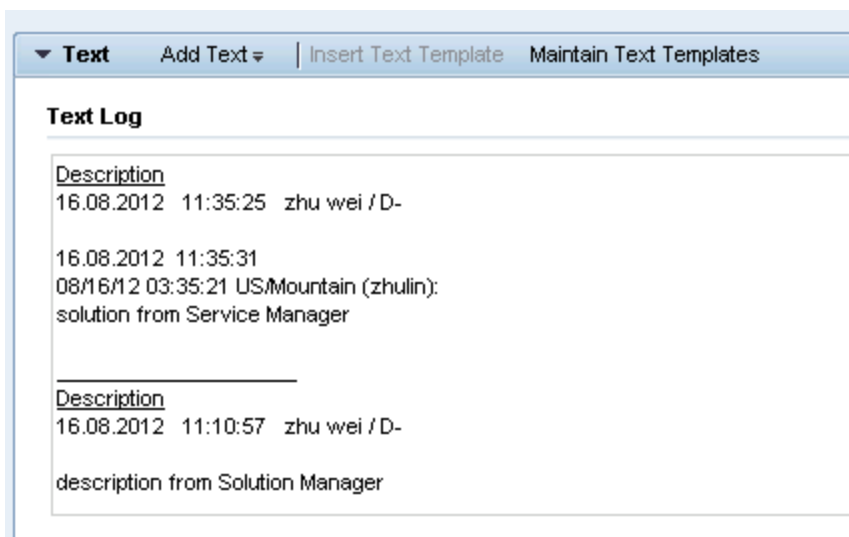
And the log is recorded with the message “the solution is proved to Solution Manager” below the Hidden Metadata textbox. The Send Solution button and the Send Back button are unavailable and only the **Add Info** button is active.

- **Send Solution:** Service Manager provides a solution to Solution Manager. The action is unidirection. After the action, the incident in Service Manager cannot send a second solution. Only adding new information into the incident is allowed. Otherwise, the incident will be sent back by Solution Manager.
- **Add Info:** Service Manager can synchronize with Solution Manager continually. The action is bidirection.
- **Send Back:** Service Manager rejects the solution from Solution Manager. The action is unidirection. After the action, the incident in Service Manager cannot be sent back again to Solution Manager.

9. Click **OK** to close the incident window.

## Check the solution from Service Manager

Search the incident and open it. As shown in the following screenshot, Solution Manager receives the message “solution from Service Manager” from Service Manager.



## Send the incident back to Service Manager

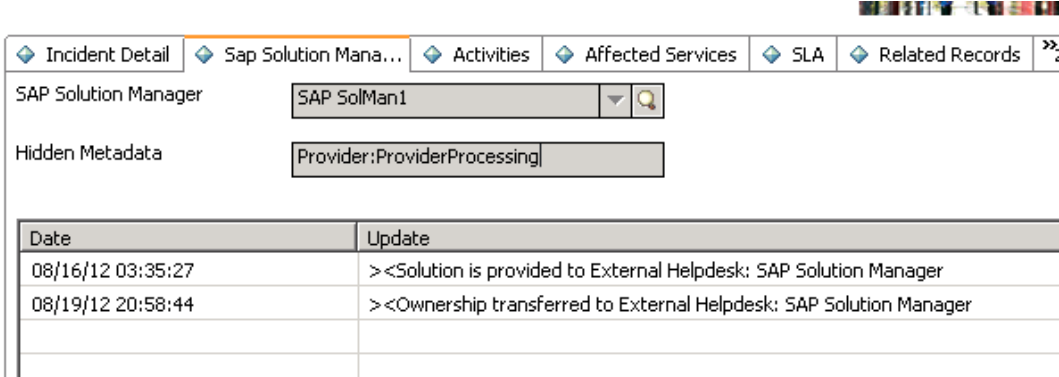
1. Log on to Solution Manager.
2. Search the incident and open it.
3. Click **Edit** to switch the incident to edit mode.
4. Change the status to **In Process**.
5. Add a scheduled action **Send to External Service Desk**.

6. Click **Save** to send the incident back to Service Manager.
7. Click **Display** or **Cancel** to release the incident in Solution Manager.

## Send the incident back to Solution Manager again

1. Log on to Service Manager as an Administrator.
2. Click **Incident Management > Incident Queue**. Find the incident from Solution Manager in the Incident Queue form.
3. Open the incident and check the updated information from Solution Manager.
4. Click the **Sap Solution Manager** tab to view the incident's status from Hidden Metadata.

The Hidden Metadata field displays "Provider: ProviderProcessing", which means Solution Manager is waiting for the solution provided by Service manager.



Date	Update
08/16/12 03:35:27	><Solution is provided to External Helpdesk: SAP Solution Manager
08/19/12 20:58:44	><Ownership transferred to External Helpdesk: SAP Solution Manager

5. Click **Activities** tab > **Update** tab and then type the send back reason in the Update textbox.
6. Click **Send Back** to send the incident back to Solution Manager.
7. After a few minutes, re-open the incident and click the **Sap Solution Manager** tab to view the incident's status from Hidden Metadata.

The Hidden Metadata field displays "Provider: RequesterProcessing", which means Solution Manager is processing the incident. The incident's ownership is transferred to Solution Manager.



Date	Update
08/16/12 03:35:27	><Solution is provided to External Helpdesk; SAP Solution Manager
08/19/12 20:58:44	><Ownership transferred to External Helpdesk; SAP Solution Manager
08/20/12 00:38:23	><Ownership transferred to External Helpdesk; SAP Solution Manager

8. Click **OK** to close the incident window.

## Close the incident in Solution Manager

1. Search the incident and open it.
2. Click **Edit** to switch the incident to edit mode.
3. Change the status to **Proposed Solution**.

The incident's status must be change to **Proposed Solution** or **Customer Action** firstly if the incident is changed to **Confirmed**.

4. Change the status to **Confirmed** again.
5. Click **Save** to close the incident.
6. Click **Display** to switch the incident to view mode.

**Incident: 8000000146, incident from Solution Manager**

Save | Display | Cancel | New | New from Template | Create Follow-Up | Actions | More

Transaction 8000000146 saved

**Details** | Edit

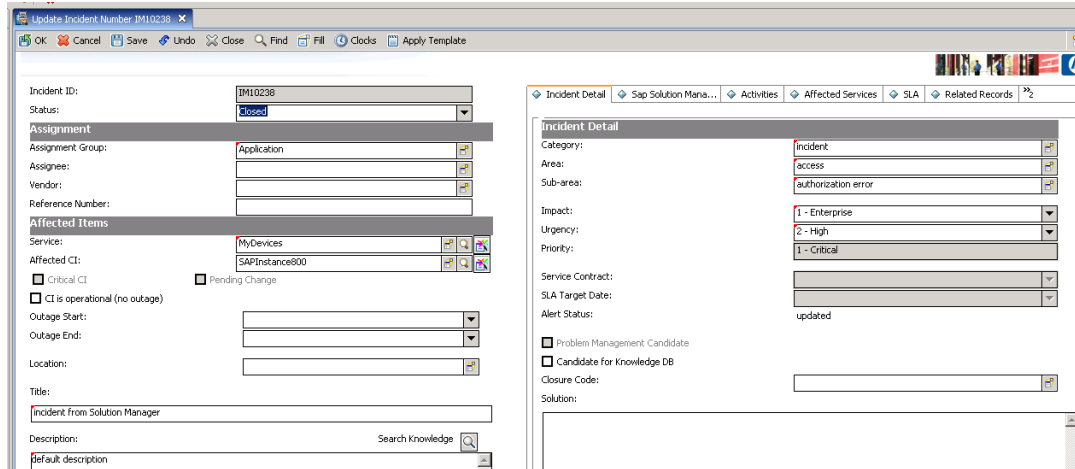
General Data	Category
ID: 8000000146	Level 1:
Description: Incident from Solution Manager	Level 2:
Customer: HPSW-R&D-SH	Level 3:
Reporter: zhu zi lin	Level 4:
Processor: zhu wei	Solution Category:
Service Team:	

Processing Data	Relationships
Status: Confirmed	Related Problem:
Impact:	Related Request for Change:
Urgency:	Related Knowledge Article:
Recommended Priority:	Priority: 2: High

Dates	Reference Objects
Created: 16.08.2012 11:11	Installed Base: 1
Changed: 20.08.2012 08:51	Installed Base Component: 3258
First Response by:	
IRT Status: <span style="color: green;">■</span> 0%	
Due by:	

## Check the incident's status in Service Manager

1. Log on to Service Manager as an Administrator.
2. Click **Incident Management > Incident Queue**. Find the incident from Solution Manager in the Incident Queue form.
3. Open the incident and check the updated information from Solution Manager.



The Status field is **Closed** and all buttons about SAP are not available.

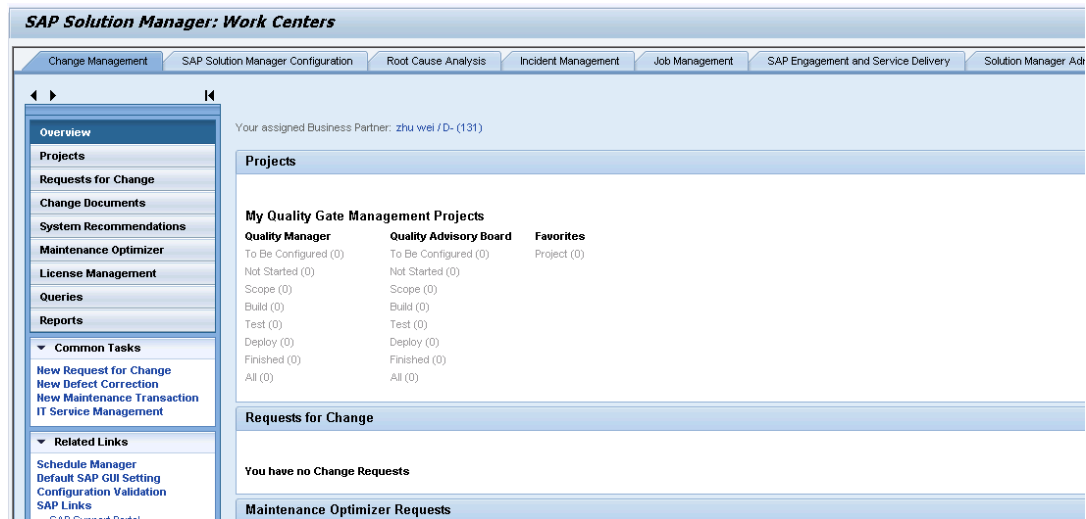
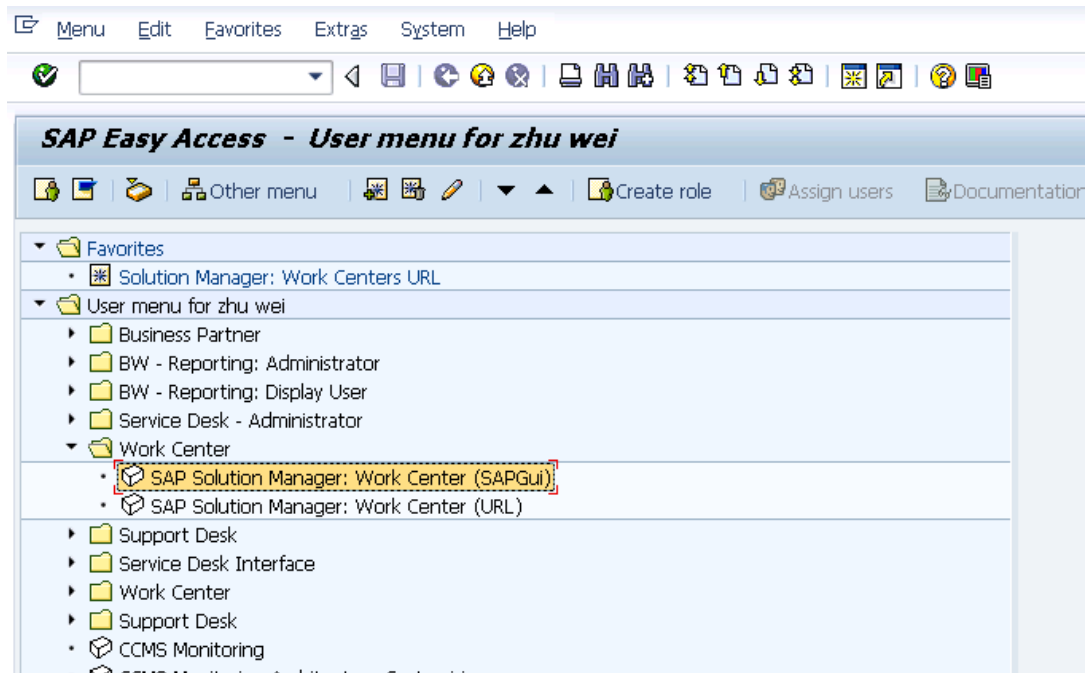
## SAP Solution Manager 7.1 to SM 9.32

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Open new incident in Service Manager .....	46
Check the solution from Service Manager .....	48
Send the incident back to Service Manager .....	49
Send the incident back to Solution Manager again .....	49
Close the incident in Solution Manager .....	50
Check the incident's status in Service Manager .....	51

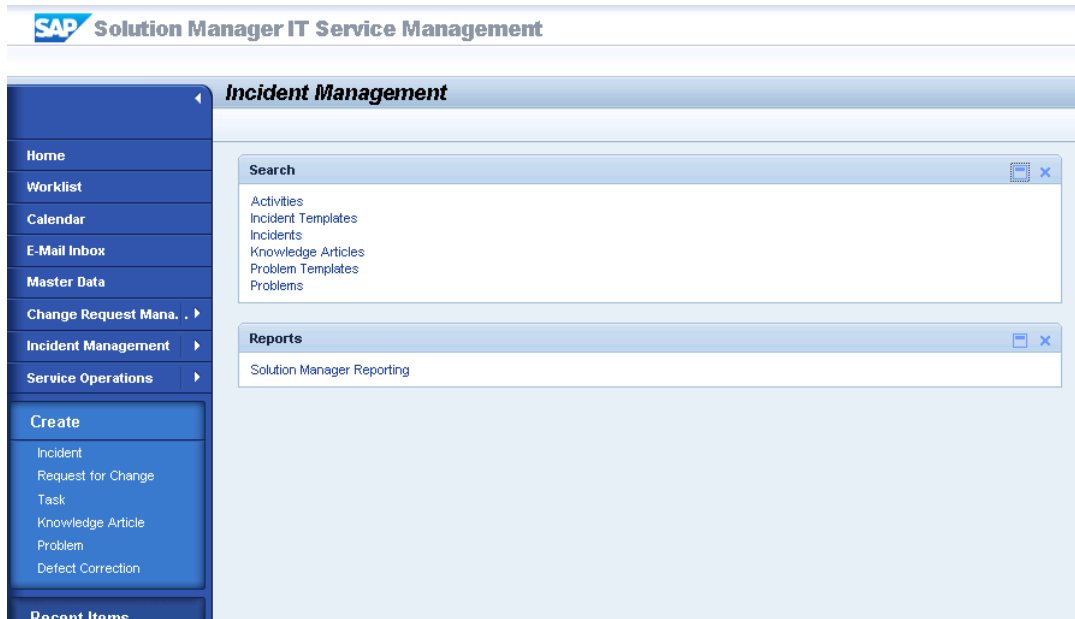
## Create incident in Solution Manager

1. Log on to Solution Manager.
2. Click **Work Center > SAP Solution Manager: Work Center (SAP GUI)** to open Solution

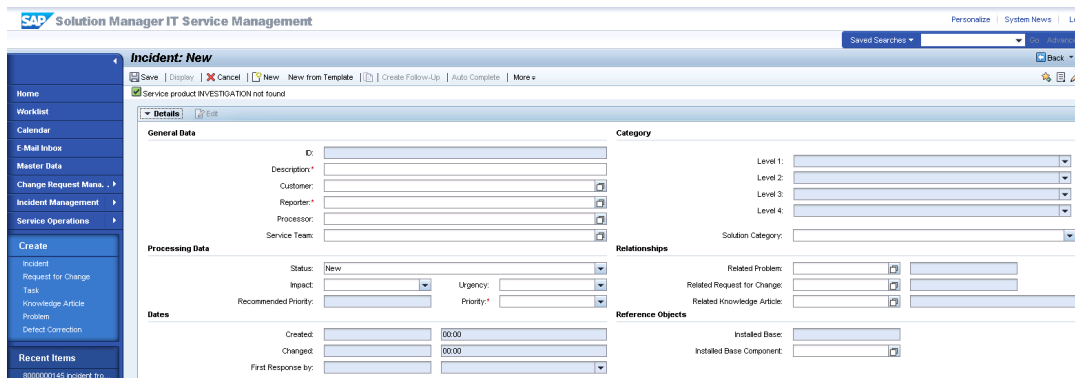
Manager Work Center.



3. Click **Common Tasks > IT Service Management**. The SAP Solution Manager IT Service Management page opens in Explorer.



4. Click **Create > Incident**. The Incident: New page opens.



5. Fill in the required fields for the new incident as necessary:

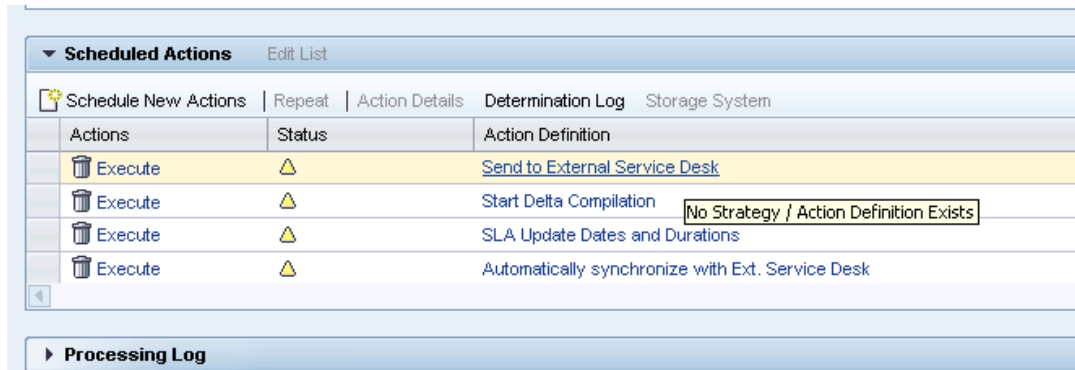
- Type a **Description** and a **Reporter** for the incident.
- Select a **Priority** in the drop-down list.
- Click **Fill** to select the **Installed Base Component**. This field describes the client information of Solution Manager, such as SystemID, Installation Number and Client.

- Complete the form with any other relevant information.

6. Click **Schedule new Action** in Schedule Actions drop-down section and select **Send to External Service Desk** from the list in the new window opened.

Action	Processing Type
Display SAP Action Log	Method call
Send Message to SAP	Method call
Maintain SAP Logon Data	Method call
Open System for SAP	Method call
E-Mail to Reporter	Mail
Print Message	Print
<b>Send to External Service Desk</b>	<b>Method call</b>
Refresh in Ext. Service Desk	Method call
Send Solution to External Service Desk	Method call

7. As shown in the following screenshot, the new action is waiting to be executed in the action list.



8. Click **Save** to send the incident to Service Manager
9. Click **Display** to switch the incident to view mode.

## Open new incident in Service Manager

1. Log on to Service Manager as an Administrator.
2. Click **Incident Management > Incident Queue**. Find the incident from Solution Manager in the Incident Queue form.

Incident ID	Category	Alert Status	Status	SDU	Assignee	Brief Description	Prio...	Initial Ir	Urg...	Problem Type
IM10152	incident	DEADLINE ALE...	Open	Application	zhulin	This is SAP incident	1	1	1	incident
IM10155	incident	DEADLINE ALE...	Open	Application		HP SM SAP Incident 110	2	2	2	incident
IM10158	incident	DEADLINE ALE...	Open	Application		SM	1	1	1	incident
IM10159	incident	DEADLINE ALE...	Open	Application		HP SM SAP Incident 112	2	2	2	incident
IM10164	incident	updated	Open	Application		HP SM SAP Incident 115	1	2	1	incident
IM10165	incident	updated	Closed	Application		SAP Incident 001	1	1	2	incident
IM10166	incident	updated	Closed	Application		SAP Incident For HP 001	1	1	1	incident
IM10167	incident	updated	Closed	Application		SAP Incident for HP 002	1	1	1	incident
IM10168	incident	reopened	Open	Application		sap incident for hp 003	1	1	2	incident
IM10169	incident	updated	Closed	Application		SAP Incident for HP 004	1	1	1	incident
IM10170	incident	updated	Closed	Application		SAP Incident for HP 005	1	1	1	incident
IM10171	incident	updated	Open	Application		SAP Incident for HP 006	1	1	2	incident
IM10172	incident	open	Open	Application		sap incident for hp 003	1	1	2	incident
IM10173	incident	updated	Open	Application		SAP Incident for HP 005	1	1	1	incident
IM10174	incident	updated	Suspended	Application		test	1	1	2	incident
IM10175	incident	updated	Open	Application		SAP Incident For HP 001 ...	3	3	4	incident
IM10180	incident	open	Open	Application		Incident from SM931	1	1	1	incident
IM10184	incident	updated	Open	Application		HP Incident for SAP 116	2	2	2	incident
IM10185	incident	updated	Open	Application		HP Incident for SAP 200	2	2	2	incident
IM10188	incident	updated	Open	Application		Incident from Solution Ma ...	1	1	1	incident

3. Open the incident and check the updated information from Solution Manager.
4. Extend the **Sap Solution Manager** tab to view the incident's status from Hidden Metadata.
  - **Provider:** Indicates the incident is requested by Solution Manager. Service Manager provides the solution to Solution Manager.

- **ProviderProcessing**: Indicates the incident is being processed by Service Manager.

☐ Sap Solution Manager

SAP Solution Manager

Hidden Metadata

Date	Update
<input type="text"/>	<input type="text"/>

5. Extend **Activities** tab to view the message of Journal Updates. As shown in the following screenshot, Service Manager receives the message that displays incident ID of Solution Manager.

☐ Activities

New Update Type   Visible to Customer

New Update

Journal Updates

```

---09/26/12 01:14:49 US/Mountain (ovictex):
Additional information received from External Helpdesk : SAP Solution Manager
---09/26/12 01:14:45 US/Mountain (ovictex):
External Helpdesk : SAP Solution Manager created new incident ID 8000000236 for this incident
    
```

Activity Type

Date/Time	Type	Operator	Description
09/26/12 01:14:50	External Update	ovictex	Additional information received from External Helpdesk : SAP Solution Manager
09/26/12 01:14:46	Open	ovictex	default description

6. Input “Solution from Service Manager” message into the **Solution** textbox in the Incident Detail tab.

Closure Code   Problem Candidate  Knowledge Candidate

Solution

7. Click **Send Solution** to send solution provided by Service Manager to Solution Manager.
8. After a few minutes, click the Sap Solution Manager tab to view the incident’s status from Hidden Metadata.

- **SolutionProvided:** Indicates the incident has been sent with solution by Service Manager.

The screenshot shows the SAP Solution Manager interface. At the top, there is a search bar with the text 'SAP Solution Manager' and a search icon. Below this, there are two input fields: 'SAP Solution Manager' containing 'exthd1' and 'Hidden Metadata' containing 'Provider:SolutionProvided'. Below these fields is a table with two columns: 'Date' and 'Update'. The 'Date' column contains '09/26/12 01:24:41' and the 'Update' column contains 'Solution is provided to External Helpdesk: SAP Solution Manager'.

Date	Update
09/26/12 01:24:41	Solution is provided to External Helpdesk: SAP Solution Manager

And the log is recorded with the message “the solution is proved to Solution Manager” below the Hidden Metadata textbox. The Send Solution button and the Send Back button are unavailable and only the Add Info button is active.

- **Send Solution:** Service Manager provides a solution to Solution Manager. The action is unidirection. After the action, the incident in Service Manager cannot send a second solution. Only adding new information into the incident is allowed. Otherwise, the incident will be sent back by Solution Manager.
- **Add Info:** Service Manager can synchronize with Solution Manager continually. The action is bidirection.
- **Send Back:** Service Manager rejects the solution from Solution Manager. The action is unidirection. After the action, the incident in Service Manager cannot be sent back again to Solution Manager.

9. Click **OK** to close the incident window.

## Check the solution from Service Manager

Search the incident and open it. As shown in the following screenshot, Solution Manager receives the message “solution from Service Manager” from Service Manager.

The screenshot shows the SAP Solution Manager interface. At the top, there is a menu bar with the following items: 'Text', 'Add Text', 'Insert Text Template', and 'Maintain Text Templates'. Below the menu bar is a section titled 'Text Log'. Under 'Text Log', there is a 'Description' field. The description contains two entries: '26.09.2012 09:24:37 zhu wei / D-' and '26.09.2012 09:24:35 Solution from Service Manager'.



## Send the incident back to Service Manager

1. Search the incident and open it.
2. Click **Edit** to switch the incident to edit mode.
3. Change the status to **In Process**.
4. Create New Scheduled Action “**Send to External Service Desk**” to send the incident back to Service Manager.
5. Click **Display** to switch the incident to view mode.

## Send the incident back to Solution Manager again

1. Log on to Service Manager as an Administrator.
2. Click **Incident Management > Incident Queue**. Find the incident from Solution Manager in the Incident Queue form.
3. Open the incident and check the updated information from Solution Manager.
4. Extend the **Sap Solution Manager** tab to view the incident’s status from Hidden Metadata.


The Hidden Metadata field displays “Provider: ProviderProcessing”, which means Solution Manager is waiting for the solution provided by Service manager.

**Sap Solution Manager**

---

SAP Solution Manager

Hidden Metadata

Date	Update
09/26/12 01:24:41	 Solution is provided to External Helpdesk: SAP Solution Manager

5. Extend **Activities** tab to input send back reason in the **New Update** textbox.
6. Click **Send Back** to send the incident back to Solution Manager.
7. After a few minutes, re-open the incident and extend the **Sap Solution Manager** tab to view the incident’s status from Hidden Metadata.

The Hidden Metadata field displays “Provider: RequesterProcessing”, which means Solution Manager is processing the incident. The incident’s ownership is transferred to Solution Manager.

SAP Solution Manager	exthd1	Q
Hidden Metadata	Provider:RequesterProcessing	
Date	Update	
09/26/12 01:24:41	Solution is provided to External Helpdesk: SAP Solution Manager	
09/26/12 01:50:26	Ownership transferred to External Helpdesk: SAP Solution Manager	

8. Click **Cancel** to close the incident window.

## Close the incident in Solution Manager

1. Search the incident and open it.
2. Click **Edit** to switch the incident to edit mode.
3. Change the status to **Proposed Solution**.

The incident's status must be change to **Proposed Solution** or **Customer Action** firstly if the incident is changed to **Confirmed**.

4. Change the status to **Confirmed** again.
5. Click **Save** to close the incident.
6. Click **Display** to switch the incident to view mode.

**Incident: 800000146, incident from Solution Manager**

Save | Display | Cancel | New | New from Template | Create Follow-Up | Actions | More

Transaction 800000146 saved

**Details** | Edit

General Data	Category
ID: 800000146	Level 1:
Description: Incident from Solution Manager	Level 2:
Customer: HPSV-R&D-SH	Level 3:
Reporter: zhu zi lin	Level 4:
Processor: zhu wei	Solution Category:
Service Team:	
Processing Data	Relationships
Status: Confirmed	Related Problem:
Impact:	Related Request for Change:
Recommended Priority:	Related Knowledge Article:
Urgency:	
Priority: 2: High	
Dates	Reference Objects
Created: 16.08.2012 11:11	Installed Base: 1
Changed: 20.08.2012 08:51	Installed Base Component: 3258
First Response by:	
IRT Status: <span style="color: green;">■</span> 0 %	
Due by:	

## Check the incident's status in Service Manager

1. Log on to Service Manager as an Administrator.
2. Click **Incident Management > Incident Queue**. Find the incident from Solution Manager in the Incident Queue form.
3. Open the incident and check the updated information from Solution Manager.

### Incident Details

---

Incident ID	IM10186
Status	Closed
Contact	ZHU LIN
Location	
Affected Service *	MyDevices
Affected CI	SAPInstance800
	<input type="checkbox"/> CI is operational (no outage)
Outage Start	
Outage End	
Service Contract	
SLA Target Date	
Title *	Incident from Solution Manager
Description *	default description

The Status field is **Closed** and all buttons about SAP are not available.

## We appreciate your feedback!

If you have comments about this document, you can [contact the documentation team](#) by email. If an email client is configured on this system, click the link above and an email window opens with the following information in the subject line:

**Feedback on Service Manager Exchange with SAP Solution Manager, 1.10 User Guide**

Just add your feedback to the email and click send.

If no email client is available, copy the information above to a new message in a web mail client, and send your feedback to [oudoc-itsm@hp.com](mailto:oudoc-itsm@hp.com).