FUJITSU

**FUJITSU Software
Systemwalker Operation Manager**

Web Console Operation Guide

UNIX/Windows(R)

Preface

This document contains information required to use the Systemwalker Operation Manager Web Console.

Abbreviations and Generic Terms Used

- The term "Windows Server 2012 R2" is used to refer to all of the following products:

    - Microsoft(R) Windows Server(R) 2012 R2 Foundation (x64)

    - Microsoft(R) Windows Server(R) 2012 R2 Standard (x64)

    - Microsoft(R) Windows Server(R) 2012 R2 Datacenter (x64)

- The term "Windows Server 2012" is used to refer to all of the following products:

    - Microsoft(R) Windows Server(R) 2012 Foundation (x64)

    - Microsoft(R) Windows Server(R) 2012 Standard (x64)

    - Microsoft(R) Windows Server(R) 2012 Datacenter (x64)

    - Microsoft(R) Windows Server(R) 2012 R2 Foundation (x64)

    - Microsoft(R) Windows Server(R) 2012 R2 Standard (x64)

    - Microsoft(R) Windows Server(R) 2012 R2 Datacenter (x64)

- The term "Windows Server 2008 R2" is used to refer to all of the following products:

    - Microsoft(R) Windows Server(R) 2008 R2 Foundation

    - Microsoft(R) Windows Server(R) 2008 R2 Standard

    - Microsoft(R) Windows Server(R) 2008 R2 Enterprise

    - Microsoft(R) Windows Server(R) 2008 R2 Datacenter

- The term "Windows Server 2008 Foundation" is used to refer to all of the following products:

    - Microsoft(R) Windows Server(R) 2008 R2 Foundation

    - Microsoft(R) Windows Server(R) 2008 Foundation

- The term "Server Core" is used to refer to all of the following products:

    - Microsoft(R) Windows Server(R) 2012 Standard Server Core

    - Microsoft(R) Windows Server(R) 2012 Datacenter Server Core

    - Microsoft(R) Windows Server(R) 2008 Standard Server Core

    - Microsoft(R) Windows Server(R) 2008 Standard without Hyper-V(TM) Server Core

    - Microsoft(R) Windows Server(R) 2008 Enterprise Server Core

    - Microsoft(R) Windows Server(R) 2008 Enterprise without Hyper-V(TM) Server Core

    - Microsoft(R) Windows Server(R) 2008 Datacenter Server Core

    - Microsoft(R) Windows Server(R) 2008 Datacenter without Hyper-V(TM) Server Core

- The term "Windows Server 2008 STD" is used to refer to all of the following products:

    - Microsoft(R) Windows Server(R) 2008 Standard (x86)/(x64)

    - Microsoft(R) Windows Server(R) 2008 Standard without Hyper-V(TM)

- The term "Windows Server 2008 DTC" is used to refer to all of the following products:

    - Microsoft(R) Windows Server(R) 2008 Datacenter (x86)/(x64)

- Microsoft(R) Windows Server(R) 2008 Datacenter without Hyper-V(TM)

- The term "Windows Server 2008 EE" is used to refer to all of the following products:

  - Microsoft(R) Windows Server(R) 2008 Enterprise (x86)/(x64)

  - Microsoft(R) Windows Server(R) 2008 Enterprise without Hyper-V(TM)

- The term "Windows Server 2008" is used to refer to all of the following products:

  - Microsoft(R) Windows Server(R) 2008 Standard (x86)/(x64)

  - Microsoft(R) Windows Server(R) 2008 Enterprise (x86)/(x64)

  - Microsoft(R) Windows Server(R) 2008 Datacenter (x86)/(x64)

  - Microsoft(R) Windows Server(R) 2008 Foundation (x64)

  - Microsoft(R) Windows Server(R) 2008 Standard without Hyper-V(TM) (x86)/(x64)

  - Microsoft(R) Windows Server(R) 2008 Enterprise without Hyper-V(TM) (x86)/(x64)

  - Microsoft(R) Windows Server(R) 2008 Datacenter without Hyper-V(TM) (x86)/(x64)

  - Microsoft(R) Windows Server(R) 2008 R2 Foundation (x64)

  - Microsoft(R) Windows Server(R) 2008 R2 Standard (x64)

  - Microsoft(R) Windows Server(R) 2008 R2 Enterprise (x64)

  - Microsoft(R) Windows Server(R) 2008 R2 Datacenter (x64)

- The term "Windows Server 2003 STD" is used to refer to all of the following products:

  - Microsoft(R) Windows Server(R) 2003 R2, Standard x64 Edition

  - Microsoft(R) Windows Server(R) 2003 R2, Standard Edition

  - Microsoft(R) Windows Server(R) 2003, Standard x64 Edition

  - Microsoft(R) Windows Server(R) 2003, Standard Edition

- The term "Windows Server 2003 DTC" is used to refer to all of the following products:

  - Microsoft(R) Windows Server(R) 2003 R2, Datacenter x64 Edition

  - Microsoft(R) Windows Server(R) 2003 R2, Datacenter Edition

  - Microsoft(R) Windows Server(R) 2003, Datacenter x64 Edition

  - Microsoft(R) Windows Server(R) 2003, Datacenter Edition for Itanium-based Systems

  - Microsoft(R) Windows Server(R) 2003, Datacenter Edition

- The term "Windows Server 2003 EE" is used to refer to all of the following products:

  - Microsoft(R) Windows Server(R) 2003 R2, Enterprise x64 Edition

  - Microsoft(R) Windows Server(R) 2003 R2, Enterprise Edition

  - Microsoft(R) Windows Server(R) 2003, Enterprise x64 Edition

  - Microsoft(R) Windows Server(R) 2003, Enterprise Edition for Itanium-based Systems

  - Microsoft(R) Windows Server(R) 2003, Enterprise Edition

- The term "Windows(R) 2000" is used to refer to all of the following products:

  - Microsoft(R) Windows(R) 2000 Professional

  - Microsoft(R) Windows(R) 2000 Server

  - Microsoft(R) Windows(R) 2000 Advanced Server

  - Microsoft(R) Windows(R) 2000 Datacenter Server

- The term "Windows NT(R)" is used to refer to all of the following products:

    - Microsoft(R) Windows NT(R) Server network operating system Version 4.0

    - Microsoft(R) Windows NT(R) Workstation operating system Version 4.0

- The term "Windows(R) 8.1" is used to refer to all of the following products:

    - Windows(R) 8.1 (x86)

    - Windows(R) 8.1 Pro (x86)

    - Windows(R) 8.1 Enterprise (x86)

    - Windows(R) 8.1 (x64)

    - Windows(R) 8.1 Pro (x64)

    - Windows(R) 8.1 Enterprise (x64)

- The term "Windows(R) 8" is used to refer to all of the following products:

    - Windows(R) 8 (x86)

    - Windows(R) 8 Pro (x86)

    - Windows(R) 8 Enterprise (x86)

    - Windows(R) 8 (x64)

    - Windows(R) 8 Pro (x64)

    - Windows(R) 8 Enterprise (x64)

    - Windows(R) 8.1 (x86)

    - Windows(R) 8.1 Pro (x86)

    - Windows(R) 8.1 Enterprise (x86)

    - Windows(R) 8.1 (x64)

    - Windows(R) 8.1 Pro (x64)

    - Windows(R) 8.1 Enterprise (x64)

- The term "Windows(R) 7" is used to refer to all of the following products:

    - Windows(R) 7 Home Premium (x86)

    - Windows(R) 7 Professional (x86)

    - Windows(R) 7 Enterprise (x86)

    - Windows(R) 7 Ultimate (x86)

    - Windows(R) 7 Home Premium (x64)

    - Windows(R) 7 Professional (x64)

    - Windows(R) 7 Enterprise (x64)

    - Windows(R) 7 Ultimate (x64)

- The term "Windows Vista(R)" is used to refer to all of the following products:

    - Windows Vista(R) Home Basic (x86)

    - Windows Vista(R) Home Premium (x86)

    - Windows Vista(R) Business (x86)

    - Windows Vista(R) Enterprise (x86)

    - Windows Vista(R) Ultimate (x86)

- Windows Vista(R) Home Basic (x64)

- Windows Vista(R) Home Premium (x64)

- Windows Vista(R) Business (x64)

- Windows Vista(R) Enterprise (x64)

- Windows Vista(R) Ultimate (x64)

- The term "Windows(R) XP" is used to refer to all of the following products:

    - Microsoft(R) Windows(R) XP Professional x64 Edition

    - Microsoft(R) Windows(R) XP Professional

    - Microsoft(R) Windows(R) XP Home Edition

- Microsoft(R) Windows(R) Millennium Edition is abbreviated as "Windows(R) Me".

- Microsoft(R) Windows(R) 98 operating system is abbreviated as "Windows(R) 98".

- Microsoft(R) Windows(R) 2000 Server is abbreviated as "Windows(R) 2000 Server".

- Windows Internet Explorer(R) is abbreviated as "Internet Explorer".

- Versions of Systemwalker Operation Manager that run on all of the following operating systems are referred to as "Windows versions of Systemwalker Operation Manager" or simply "Windows versions":

    - Windows

    - 64-bit versions of Windows, except Itanium

- Articles specific to the version of Systemwalker Operation Manager that runs on 32-bit versions of Windows are referred to as "Windows x86 version".

- Articles specific to the version of Systemwalker Operation Manager that runs on Itanium-compatible versions of Windows are referred to as "Windows for Itanium version".

- Articles specific to the version of Systemwalker Operation Manager that runs on 64-bit versions of Windows, except Itanium, are referred to as "Windows x64 version".

- Windows(R) 2000, Windows Server 2003 STD, Windows Server 2003 DTC, Windows Server 2003 EE, Windows Server 2008, Windows Server 2008 EE, Windows Server 2008 DTC, Windows Server 2008 STD, Windows Server 2008 Foundation, Windows Server 2008 R2, Server Core, Windows Server 2012, and Windows Server 2012 R2 may be abbreviated as "Windows servers".

- Oracle Solaris may be referred to as Solaris, Solaris Operating System or Solaris OS.

- Versions of Systemwalker Operation Manager that run on Solaris are referred to as "Solaris versions of Systemwalker Operation Manager" or simply "Solaris versions".

- Articles specific to the version of Systemwalker Operation Manager that runs on 32-bit versions of Solaris are referred to as "Solaris 32-bit version".

- Articles specific to the version of Systemwalker Operation Manager that runs on 64-bit versions of Solaris are referred to as "Solaris 64-bit version".

- Versions of Systemwalker Operation Manager that run on HP-UX are referred to as "HP-UX versions of Systemwalker Operation Manager" or simply "HP-UX versions".

- Versions of Systemwalker Operation Manager that run on AIX are referred to as "AIX versions of Systemwalker Operation Manager" or simply "AIX versions".

- Versions of Systemwalker Operation Manager that run on the following operating system are referred to as "Linux versions of Systemwalker Operation Manager" or simply "Linux versions":

    - Linux

    - 64-bit versions of Linux, except Itanium

- Articles specific to the version of Systemwalker Operation Manager that runs on 32-bit versions of Linux are referred to as "Linux x86 version".

- Articles specific to the version of Systemwalker Operation Manager that runs on Itanium-compatible version of Linux are referred to as "Linux for Itanium version".

- Articles specific to the version of Systemwalker Operation Manager that runs on 64-bit versions of Linux, except Itanium, are referred to as "Linux x64 version".

- Solaris, HP-UX, AIX, Linux and Linux for Itanium versions of Systemwalker Operation Manager are referred to collectively as "UNIX versions of Systemwalker Operation Manager" or simply "UNIX versions".

- Solaris, HP-UX, AIX and Linux may be referred to as "UNIX servers".

- Systemwalker Operation Manager Standard Edition may be abbreviated as "SE".

- Systemwalker Operation Manager Enterprise Edition may be abbreviated as "EE".

- Standard Edition may be abbreviated as "SE" and Enterprise Edition may be abbreviated as "EE".

- BrightStor(R) ARCserve(R) Backup for Windows is abbreviated as "ARCserve".

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The use of screenshots follows the guidelines of Microsoft Corporation.

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Contents

Chapter 1 Overview of the Web Console

1.1 Function Overview

In the Systemwalker Operation Manager Web Console, the Operation Manager's client functions that are shown below can be used.

Jobscheduler

- Monitor multiple servers

- Display Gantt charts

- Reference lists of all registered groups and job nets

- Reference a list of job nets registered in a group

- Reference a list of jobs registered in a job net

- Reference a list of message events registered as job net startup conditions

- Reference of numbers per job net status

- Group and job net operations (cancel, start, restart, pause, continue, disable, enable, confirm, reinstate, and revoke)

- Reference job output information

- Reference job net and job history information

- Display and edit memos

Job Execution Control

- Display a list of job statuses

- Job operations

- Display detailed information about jobs

- Display a summary in the job folder, display a list of job files, and submit jobs

- Display a list of statuses of all queues that exist on the connected server

- Reference detailed information about queues

- Queue operations (pause, start, and change definitions temporarily)

1.2 Operating Environment

The recommended environment for using the Web Console is shown below.

Web browser

Internet Explorer 8/9/10/11

Font size

Medium

Screen resolution

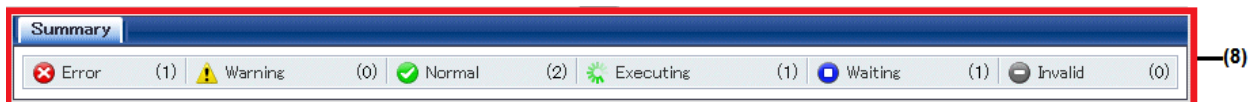1024x768 pixels

1.3 Overview of the Web Console Functions

An overview of the functions of the Web Console is shown below.
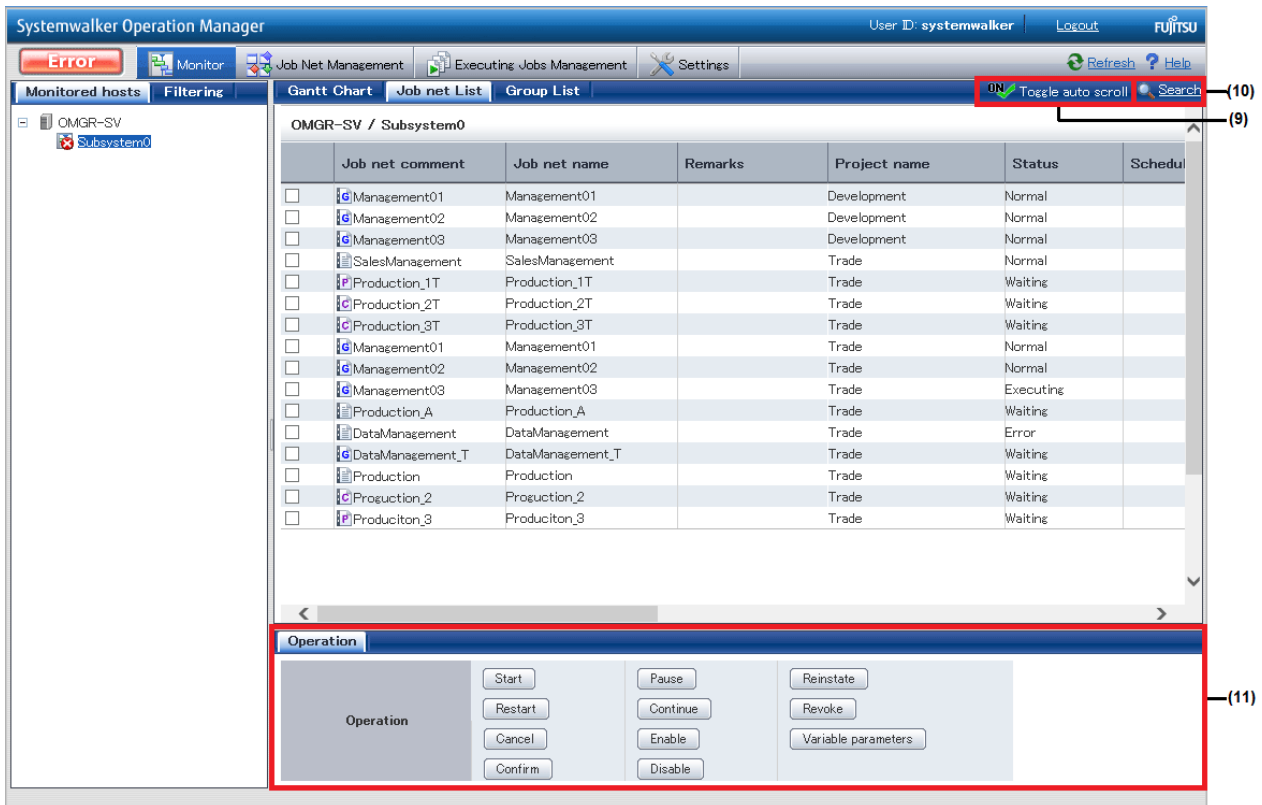
Figure 1.1 Systemwalker Operation Manager Web Console

Area Name	Overview	
(1) Global header	A header that shows that this is a Systemwalker product, and is displayed in all windows. The logged in user ID and a log out button is displayed.	
(2) Global navigation bar	The selection area of the operations view for the Systemwalker Operation Manager's Web Console.	
	Monitor view	Performs job net and group monitoring. **Gantt chart/Job net list/Group list** are displayed, and various operations can be performed.
	Manage Job nets view	Displays the flow, job net information, and history, in addition, job and job net operations can be performed.
	Executing Jobs Management view	Performs job monitoring and operations. Can display the job execution status, queue status and job folder lists, and operations can be performed if necessary.
	Settings view	Monitored host selection, the monitoring window display customizations, and operation confirmation settings can be performed.
	Refresh	Updates the server time, Gantt chart, job net information, group information, monitored host tree, flow, job information, queue information, and job folder information.
	Help	Displays the help manual in another window.
(3) Warning indicator	An indicator that informs you if an error or warning has occurred in the monitored Gantt chart. When an error or warning occurs the indicator will flash, and if there have been no errors or warnings, then the indicator will be gray. [Status indications] Red (ERROR) is flashing: An error has occurred. Yellow (WARNING) is flashing: A warning has occurred. Red or yellow: There is an error or warning. Gray: No error or warning has occurred. [How to stop the flashing] When the warning indicator is clicked, the **List of job nets with error or warning** window is displayed, and the warning indicator will stop flashing and retain the color.	

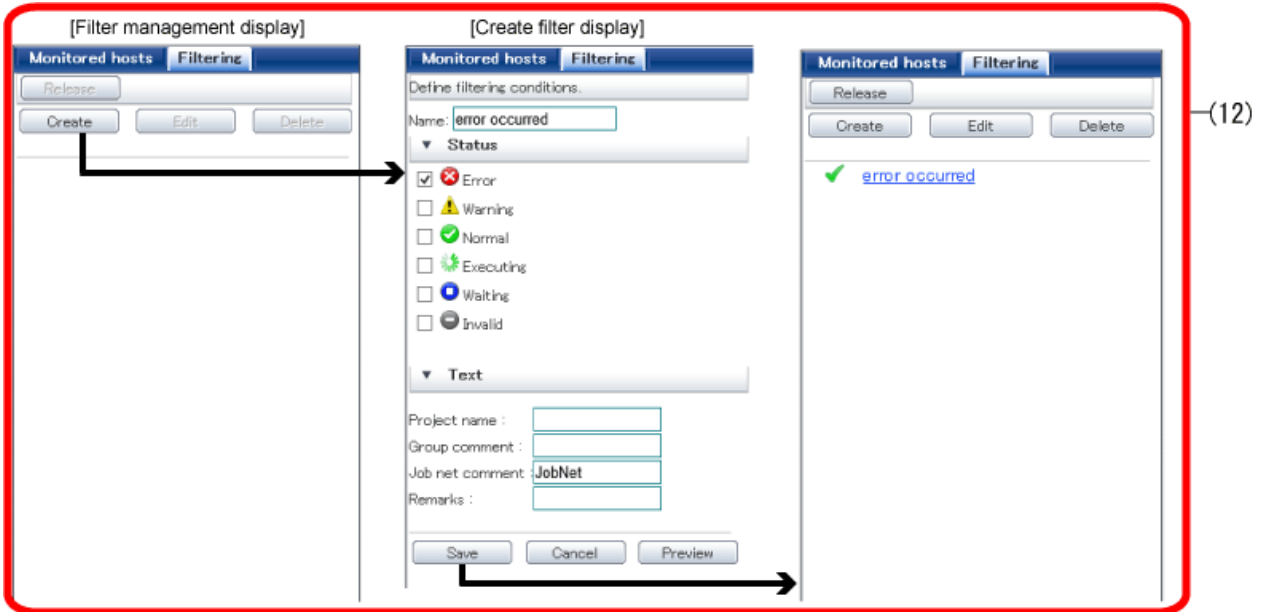| Area Name	Overview	
(4) Selection display area	Depending on which view is selected in the global navigation bar, the displayed content will change as shown below:	
	Monitor view	The **Monitored hosts** tab and the **Filter** tab are displayed. In the **Monitored hosts** tab, monitored hosts are displayed in a tree format, and subsystems can be selected. In the **Filter** tab, monitoring targets can be filtered by setting the job net status and job net comment. Refer to the explanation in (12) for details on the **Filter** tab.
	Manage Job nets view	Job nets of the monitored project, and their status, are displayed, and the job nets can be selected.
	Executing Jobs Management view	Monitored hosts are displayed in a tree format, and subsystems can be selected.
	Settings view	A settings view for the selection of monitored hosts and the display customizations is displayed.
(5) Main display area	Depending on which view is selected in the global navigation bar, the displayed content will change as shown below:	
	Monitor view	The **Gantt chart/Job net list/Group list** tabs are displayed at the top, and the content switches depending on which is selected.
	Manage Job nets view	If a group or a job net is selected in the selection display area, then the flow is displayed.
	Executing Jobs Management view	The **Job/Queue/Job Folder** tabs are displayed at the top, and the content switches depending on which is selected.
	Settings view	The settings content for the view selected in the selection display area is displayed, and can be set.
(6) Details area	The display will change depending on the type selected (project, job, job net, or group). The execution result, definition information, and history can be referenced, and available operations can be executed using a button.	
(7) Memo	If a job net has been selected, the job net memo is displayed. A memo can be created and saved.	

Area Name	Overview
(8) Summary	Provides a number of all the job nets in the monitored subsystems for each status. By selecting this in the settings view it can be configured to have six category types by using the simple display, or fifteen category types by using the compatibility mode.

Systemwalker Operation Manager

User ID: systemwalker   Logout   FUJITSU

Error   Monitor   Job Net Management   Executing Jobs Management   Settings   Refresh   Help

Monitored hosts   Filtering   Gantt Chart   Job net List   Group List   ON Toggle auto scroll   Search —(10)
—(9)

OMGR-SV
Subsystem0

OMGR-SV / Subsystem0

	Job net comment	Job net name	Remarks	Project name	Status	Schedul
☐	G Management01	Management01		Development	Normal	
☐	G Management02	Management02		Development	Normal	
☐	G Management03	Management03		Development	Normal	
☐	SalesManagement	SalesManagement		Trade	Normal	
☐	P Production_1T	Production_1T		Trade	Waiting	
☐	C Production_2T	Production_2T		Trade	Waiting	
☐	C Production_3T	Production_3T		Trade	Waiting	
☐	G Management01	Management01		Trade	Normal	
☐	G Management02	Management02		Trade	Normal	
☐	G Management03	Management03		Trade	Executing	
☐	Production_A	Production_A		Trade	Waiting	
☐	DataManagement	DataManagement		Trade	Error	
☐	G DataManagement_T	DataManagement_T		Trade	Waiting	
☐	Production	Production		Trade	Waiting	
☐	C Proguction_2	Proguction_2		Trade	Waiting	
☐	P Produciton_3	Produciton_3		Trade	Waiting	

Operation

Operation   Start   Pause   Reinstate
            Restart   Continue   Revoke
            Cancel   Enable   Variable parameters
            Confirm   Disable

—(11)

Area Name	Overview	
(9) Toggle auto scroll	In the Gantt chart, job nets or groups nearest to the update time can be set to be displayed in the center of the main display area automatically. This setting can be turned ON or OFF by clicking it.	
(10) Search	Searches can be performed in the main display area. If this is clicked, the **Search** or **Search flow** dialog box is displayed, and the search content can be entered. Windows that can be searched, and search targets, are shown below:	
	Monitor >> **Gantt chart**	Project name, job net comment.
	Monitor >> **Job net list**	Job net comment, job net name, memo, project name, status, scheduled start date and time, scheduled end date and time, start date and time, end date and time, startup condition, message startup, group comment, and parent job net comment.
	Monitor >> **Group list**	Group comment, group name, project name, status, scheduled start date and time, start date and time, end date and time.
	Manage Job nets flow	Comment character string above and below the icon, the status is selectable from drop-down menus.
(11) Details area	The **Operation** tab is displayed or the **Details** and **Operation** tabs are displayed side by side when the following are selected: - **Monitor** >> **Job net list** - **Monitor** >> **Group list** - **Executing Jobs Management** view In the main display area, select the operation target and then click the required operation button.	

Figure 1.2 Filter tab

Area Name	Overview

(12) Filter tab	When the **Monitor** view is selected, filtering is performed for the content that is displayed in **Gantt chart**/**Job net list**/**Group list**. Filter conditions can be set using character strings or statuses, and can be saved for later use.
	
	[Filter management display]
	
	Filter conditions can be created, edited, or deleted, and any applied filters can be cleared. Select a filter to display only specific items, which satisfy the criteria set in the filter, in the main display area. When the **Create** or **Edit** button is clicked, the display will change to **Create filter display** mode.
	
	[Create filter display]
	
	Filter conditions can be created, edited, and saved. The items below can be configured as conditions. When each condition is configured, job nets that satisfy the conditions for all items are displayed.
	
	  - Job net or group statuses (multiple can be selected)
	
	  - Strings contained in the project name, group name, job net name, or memo
	
	When the **Preview** button is clicked, filtering can be performed using the filter conditions that have been entered. When the **Save** or **Cancel** button is clicked, the display will change to **Filter management display** mode.

Chapter 2 Using the Web Console

2.1 Login/Logout

2.1.1 Login

Procedure

1. Displaying the Systemwalker Operation Manager Web Console's **Login** window

   Enter the following URL in the browser to display the **Login** window of the Systemwalker Operation Manager Web Console:

   > http://Systemwalker Operation Manager server host name:9900/Systemwalker-omgr/login.op

   To use https, specify the following:

   > https://Systemwalker Operation Manager server host name:9900/Systemwalker-omgr/login.op

   Note that, if the port number of the Web Server has been changed from the default value ("9900"), change "9900" in the above URL to the new port number and then specify the URL.

🛈 Note

When Systemwalker Single Sign-On is enabled

- When Systemwalker Single Sign-On is enabled, the **Login** window of the Systemwalker Operation Manager Web Console will not be displayed.

- To perform user operations with administrator privileges for the operating system, when Systemwalker Single Sign-On is enabled, specify the following URL instead of the one previously mentioned:

  > http://Systemwalker Operation Manager server host name:9900/Systemwalker-omgr/sso/local_login.op

  To use https, specify the following:

  > https://Systemwalker Operation Manager server host name:9900/Systemwalker-omgr/sso/local_login.op

  Sign-on using the single sign-on authentication window that is displayed, using the procedure in *Systemwalker User's Guide - Systemwalker User Management and Single Sign-On*.

  The operating system's user authentication window will be displayed, log in using the appropriate procedure.

🛈 Note

Using the Systemwalker Operation Manager Web Console from multiple browsers

To use the Systemwalker Operation Manager Web Console in multiple browsers, select **New Session** in the **Internet Explorer** menu, and use the browser that is displayed.

If a tab or window started by another method is used, sessions that are already logged in will be disconnected and logged out.

Figure 2.1 Systemwalker Operation Manager Web Console's Login window

User ID

Specify the user ID. This cannot be omitted.

[When the destination server is Windows]

Specify a maximum of 36 bytes. If you are specifying a domain account, separate the domain and the user ID with a backslash (\). User IDs containing blank spaces cannot be specified.

[When the destination server is UNIX]

Specify a maximum of 20 bytes.

Password

Specify a maximum of 50 bytes for the password of the user ID specified in **User ID**. This cannot be omitted.

2. Login

In the **Login** window that is displayed, specify the user ID and password then click the **Login** button.

After logging in to the Systemwalker Operation Manager server, the **Monitor** window will be displayed.

2.1.2 Logout

Procedure

Click **Logout** on the global header.

When the Systemwalker Operation Manager window has closed and the Systemwalker Operation Manager **Login** window is displayed, logout from the Systemwalker Operation Manager server will be complete.

To exit the Systemwalker Operation Manager **Login** window, close **Internet Explorer**.

2.2 Setting a Monitored Host

Following the initial login, no Monitored hostswill have been set. Firstly, set the Monitored hosts according to the procedure shown below. Monitored hosts can only be set by an administrator. The same procedure is also used to change the Monitored hosts.

Procedure

Select the **Settings** view and then click **Monitored Hosts** in the selection display area. In the main display area, select the check box for the subsystem of the target host to be monitored, and then click the **Apply** button.

Figure 2.2 Settings view >> Monitored Hosts selection window
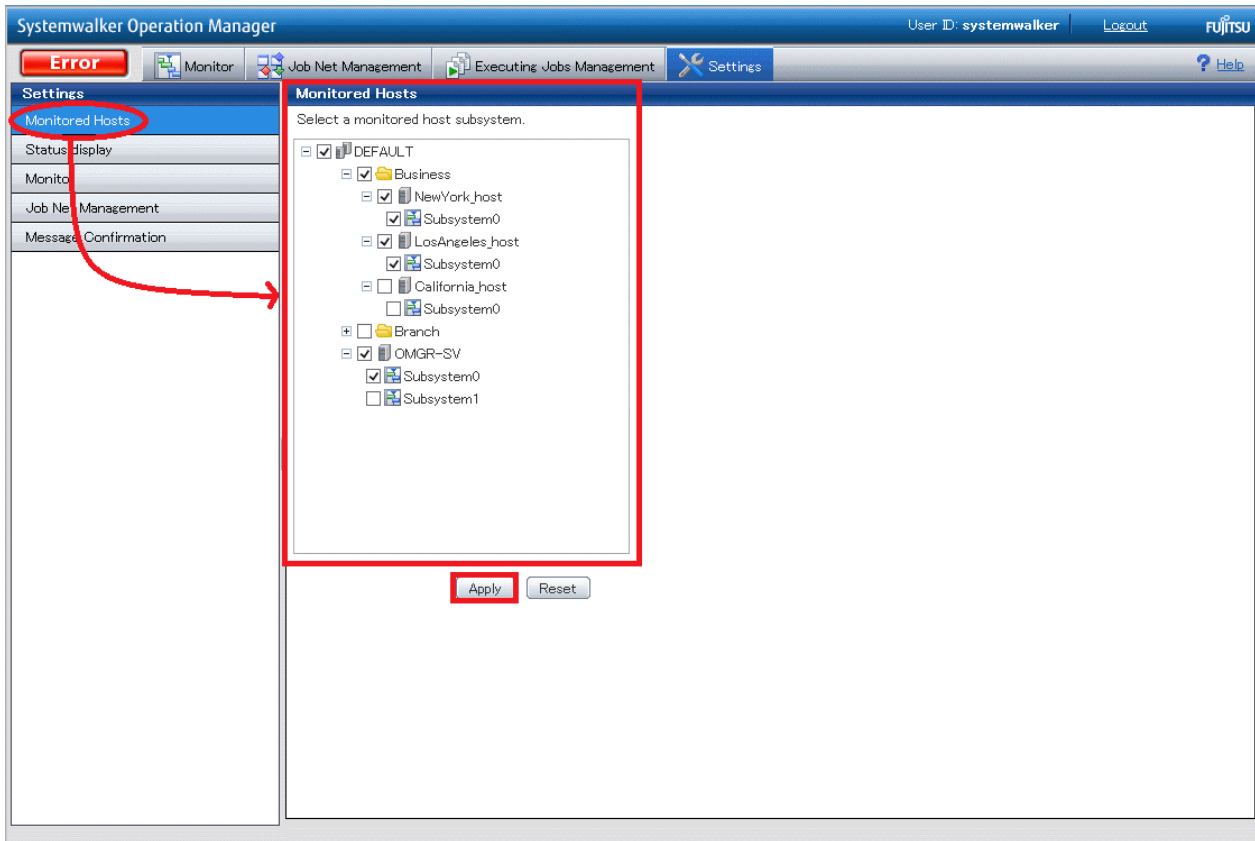
Monitored Hosts

In **Monitored Hosts** of the main display area, a list of registered hosts and the defined subsystems for these hosts is displayed. The hosts are those that were registered in the **Select Monitored Host Configuration** window displayed by clicking **Monitored host** from **Systemwalker Operation Manager Environment Setup** window for Operation Manager Client. Note that the maximum number of subsystems that can be monitored at once is 62.

Apply button

Applies the content that was changed.

Reset button

Cancels the changes made to the content, and the latest saved content is displayed.

2.3 Operating and Monitoring in the Web Console

The following Web Console windows are used to monitor and operate the monitoring targets shown below.

Operation target	Monitoring window	Operation target selection windows	Operation
Project	**Manage Job nets**	The project can be selected in the selection display area of **Manage Job nets**.	Select a button from the **Operation** tab in the details area.
Job net	**Gantt Chart**	- Job nets for the operation target can be selected in the main display area of **Job net list** (multiples can be selected). - A job net can be selected in the selection display area of **Manage Job nets**.	

Operation target	Monitoring window	Operation target selection windows	Operation
		- Job nets can be selected from the flow of **Manage Job nets** (multiples can be selected).	
Group	**Gantt Chart**	- Groups for the operation target can be selected in the main display area of **Group list** (multiples can be selected). - Groups can be selected from the flow of **Manage Job nets** (multiples can be selected).	
Schedule job	**Manage Job nets**	Schedule jobs can be selected from the flow of **Manage Job nets** (multiples can be selected).	
Demand job	**Executing Jobs Management: Jobs**	A demand job for the operation target can be selected in **Executing Jobs Management: Jobs**.	
Queue	**Executing Jobs Management: Queue**	A queue for the operation target can be selected in **Executing Jobs Management: Queue**.	

Note

. . . .

When the Systemwalker User Management function or Systemwalker Single Sign-On is enabled

If you have logged into the Web Console using the Systemwalker User Management function or Systemwalker Single Sign-On, information in the **Executing Jobs Management** view cannot be monitored or operated.

If it is necessary for this information to be displayed, register the user that logs into Operation Manager from the Web Console in the operating system of the monitoring destination. This will get the executing jobs management information that can be accessed by the user.

. . . .

2.4 Monitoring Flow

This section explains job and job net monitoring flow when an error occurs, by using an example.

Procedure

1. Display **List of job nets with error or warning** from the warning indicator

   Click the warning indicator when it flashes and turns red, informing you of an error.

List of job nets with error or warning will be displayed.

2. Check abnormal job nets

Check the error status in **List of job nets with error or warning**, and then click on the desired job net comment to display the content.

3. Check the results of the execution

When the job net in **List of job nets with error or warning** is selected, the results for the jobs that ended abnormally in the selected job net will be displayed in the details area. Check the results.

4. Perform the operation (if necessary)

   Click the **Operation** tab in the details area then select the required operation using the buttons in **Operation** or **Recovery**.

Chapter 3 Customization

3.1 How to Customize

To customize the settings and displays used in monitoring, click the **Settings** view in the global navigation bar, and the items that can be customized will be displayed in the selection display area.

Sub-views that are displayed in the selection display area, and their permitted users, are shown in the table below.

Sub-view		Permitted users
Monitored Hosts		Administrators only
Status Display	Switch between **Simple display** and **Compatibility display**	All users
	Select the status type for **Simple display**	Administrators only
Monitor		All users
Manage Job nets		All users
Message Confirmation		Administrators only

3.1.1 Monitored Hosts

The target hosts and subsystems to be monitored are configured in the **Monitored Hosts** sub-view.

Figure 3.1 Example window of the Monitored Hosts sub-view
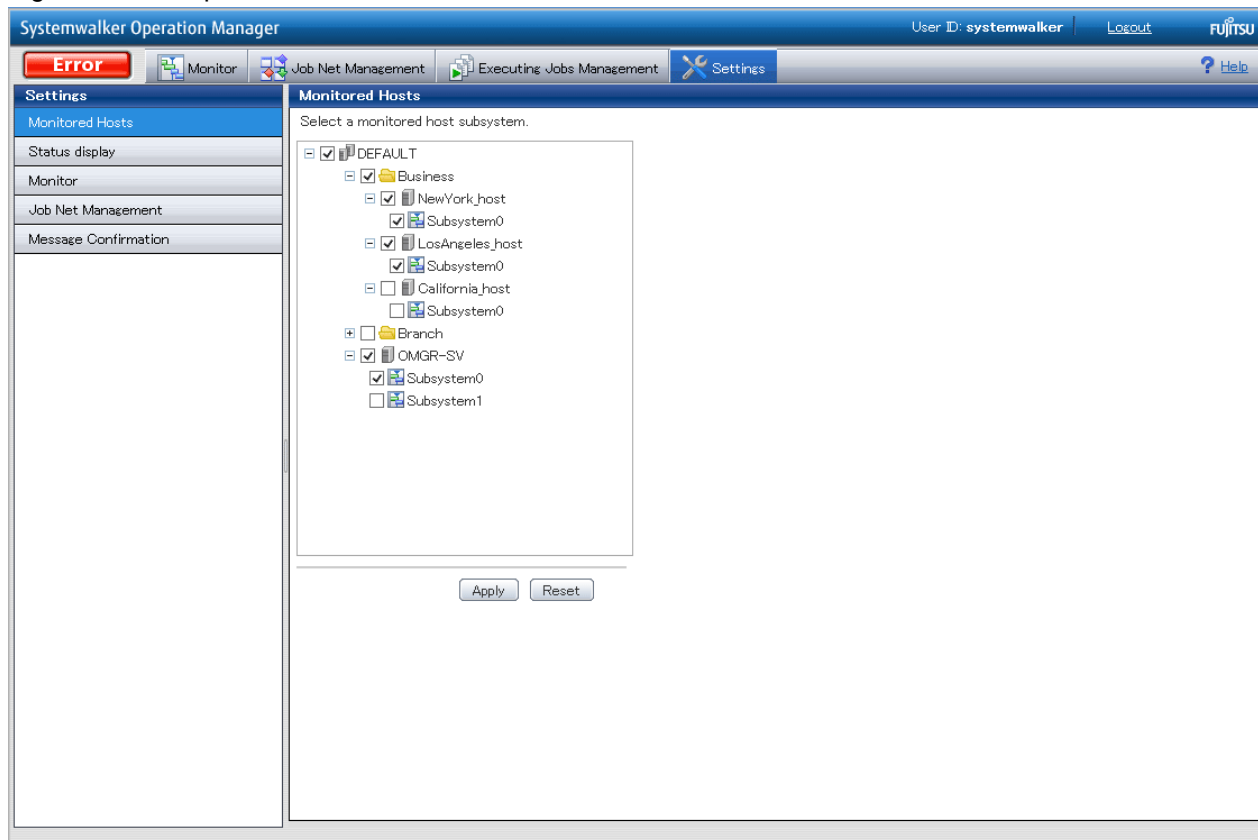
Content that can be configured

Select the host to be monitored.

The monitored subsystems can be selected from the monitored host tree of the destination server. In **Monitored Hosts** of the main display area, a list of registered hosts and the defined subsystems for these hosts is displayed. The hosts are those that were registered in the **Select Monitored Host Configuration** window displayed by clicking **Monitored host** from **Systemwalker Operation Manager Environment Setup** window for Operation Manager Client.

Select the check box next to the monitoring target, and then click the **Apply** button. Click the check box again to cancel the selection.

Apply button

> Applies the content that was changed.

Reset button

> Cancels the changes made to the content, and the latest saved content is displayed.

3.1.2 Status Display

The method used to categorize the status of job nets, jobs, and queues that are displayed in the Gantt chart or list is configured in the **Status Display** sub-view.

Figure 3.2 Example window of the Status Display sub-view
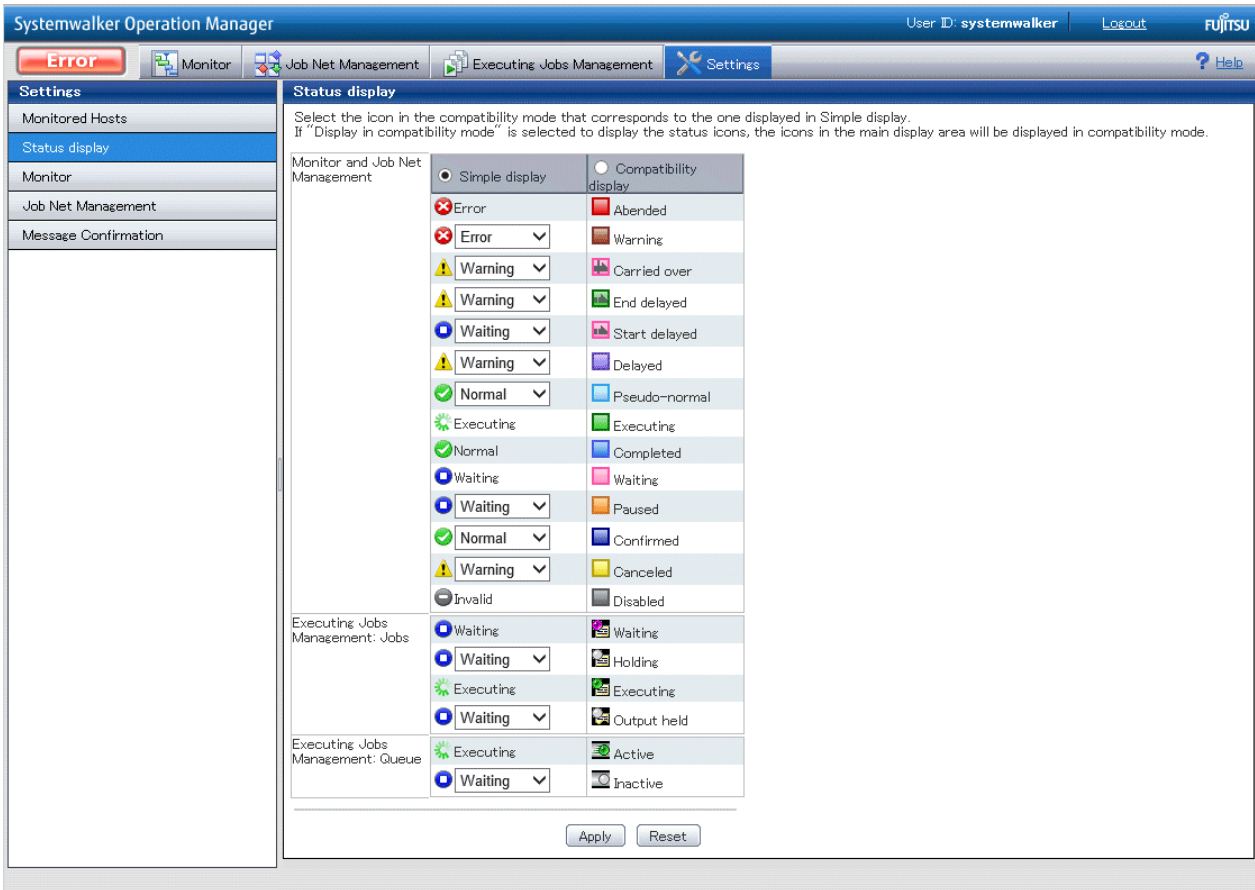
Content that can be configured

The method used to display statuses in the following monitoring windows can be configured; either **Simple display** or **Compatibility display** can be used.

Simple display categorizes statuses into six types: Warning/Error/Normal/Invalid/Waiting/Executing. **Compatibility display** displays statuses in detail, and categories statuses according to the traditional method used in Operation Manager.

In the default configuration, the **Simple display** statuses correspond to the statuses used in **Compatibility display**, as shown in the table below. Statuses in **Compatibility display** that are marked with an asterisk (*) can be moved to other status types in **Simple display**.

Monitor and job net Management

Simple display	Compatibility display
Warning	Carried over*, End delayed*, Delayed*, Canceled*
Error	Abended, Warning*
Normal	Completed, Pseudo-normal*, Confirmed*
Invalid	Disabled
Waiting	Waiting, Start delayed*, Paused*
Executing	Executing

Executing Jobs Management: Jobs

Simple display	Compatibility display
Warning	(Not supported in the default configuration)
Error	(Not supported in the default configuration)
Normal	(Not supported in the default configuration)
Invalid	(Not supported in the default configuration)
Waiting	Waiting, Holding*, Output held*
Executing	Executing

Executing Jobs Management: Queue

Simple display	Compatibility display
Warning	(Not supported in the default configuration)
Error	(Not supported in the default configuration)
Normal	(Not supported in the default configuration)
Invalid	(Not supported in the default configuration)
Waiting	Inactive*
Executing	Active

Apply button
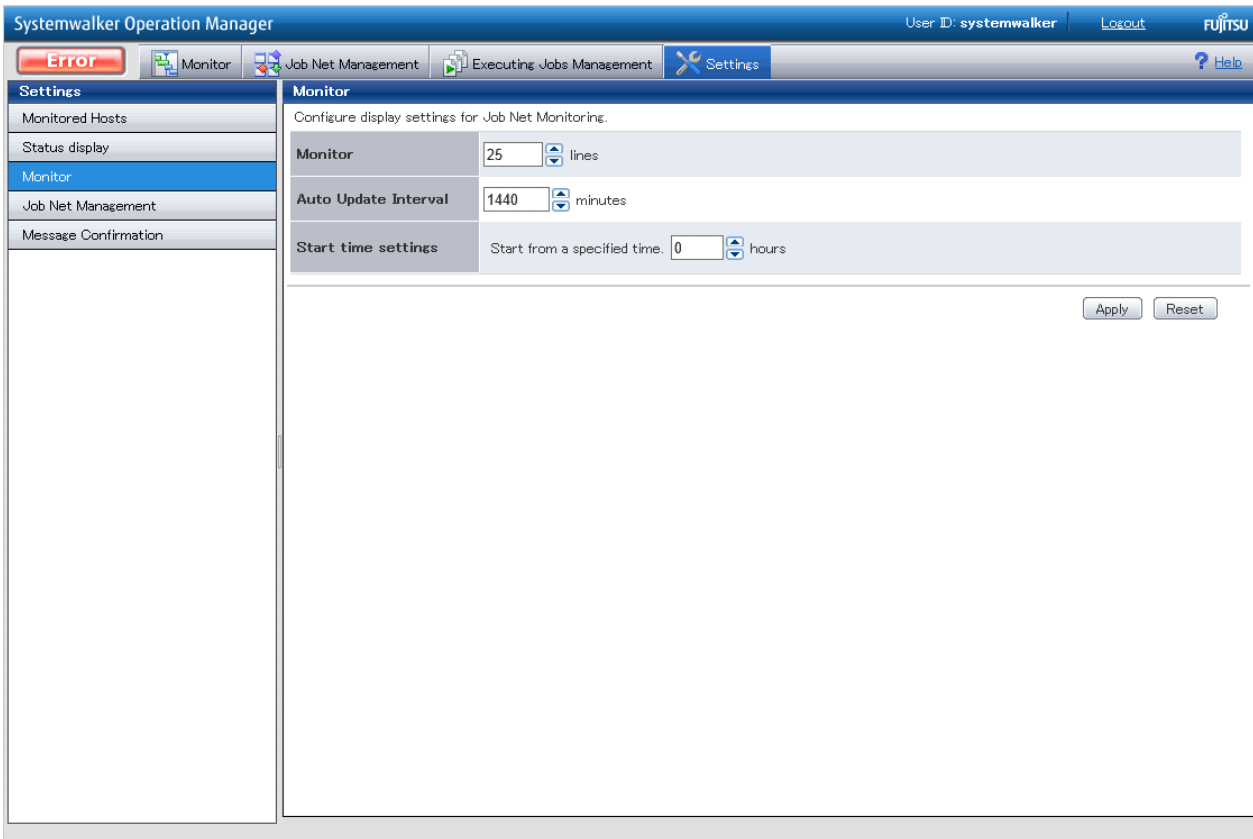
Applies the content that was changed.

Reset button

Cancels the changes made to the content, and the latest saved content is displayed.

3.1.3 Monitoring

The method used to display the Gantt chart, job net list, or group list is configured in the **Monitor** sub-view.

Figure 3.3 Example window of the Monitor sub-view

Content that can be configured

Monitor

The number of lines displayed per subsystem for the Gantt chart, job net list, and group list.

Auto-refresh settings

The refresh interval used in the Gantt chart, job net list, and group list. A value from 1 to 1440 (minutes) can be used.

Start time settings

The start time of the Gantt chart, a value from 0 to 23 (hours) can be used.

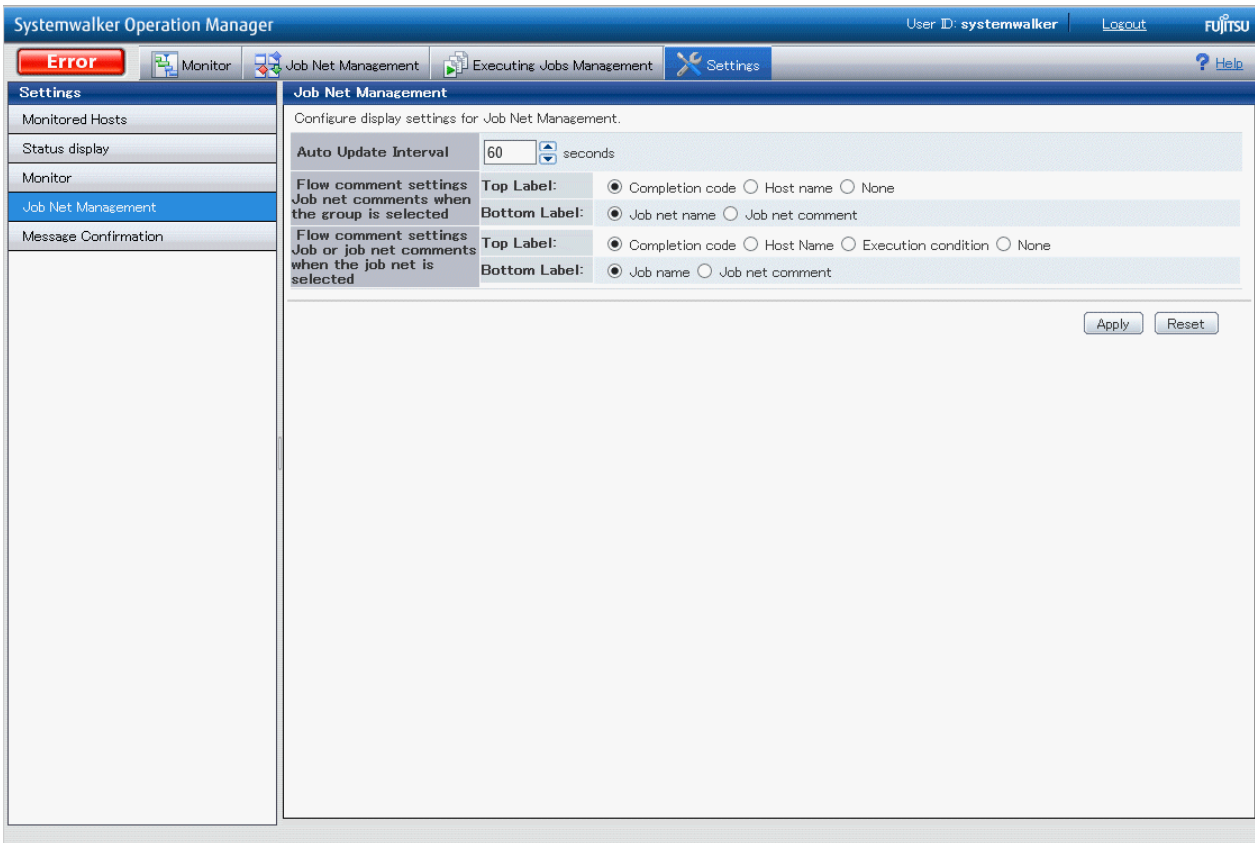Apply button

Applies the content that was changed.

Reset button

Cancels the changes made to the content, and the latest saved content is displayed.

3.1.4 Job Net Management

The method used to display the job flow is configured in the **Manage Job nets** sub-view.

Figure 3.4 Example window of the Manage Job nets sub-view

Content that can be configured

Auto-refresh settings

A job flow refresh interval from 10 to 60 (seconds) can be used.

Flow comments settings - Job net comment when group is selected

The top comment can be selected from any of **Completion code**, **Host name**, or **Donot display**.

- **Completion code**: This will be displayed when monitoring.

- **Host name**: The name of the host that submits the job will be displayed.

- **Donot display**: No label will be displayed.

The bottom comment can be selected from either **Job net name** or **Job net comment**.

- **Job net name**: The job net name will be displayed.

- **Job net comment**: The job net comment will be displayed.

Flow comments settings - Job or job net comment when job net is selected

The top comment can be selected from any of **Completion code**, **Host Name**, **Execution condition**, or **Donot display**.

- **Completion code**: This will be displayed when monitoring.

- **Host Name**: The name of the host that submits the job will be displayed.

- **Execution condition**: The condition that decides whether the job will start according to the **Completion code** of the preceding job will be displayed.

- **Donot display**: No label will be displayed.

The bottom comment can be selected from either **Job name**, or **Job net comment**.

- **Job name**: The job name will be displayed. For child job nets, the job net name will be displayed. The job name displayed will differ according to the execution attribute, as shown below:

Execution attribute	Displayed job name
Job Execution Control	Job name or job net name (*1)
Interstage	WorkUnit name
Normal [UNIX]	Command name
PowerAIM [UNIX]	WorkUnit name

*1:

In cases where the job name or job net name are omitted, the command name is displayed.

- **Job net comment**: The job net comment will be displayed.
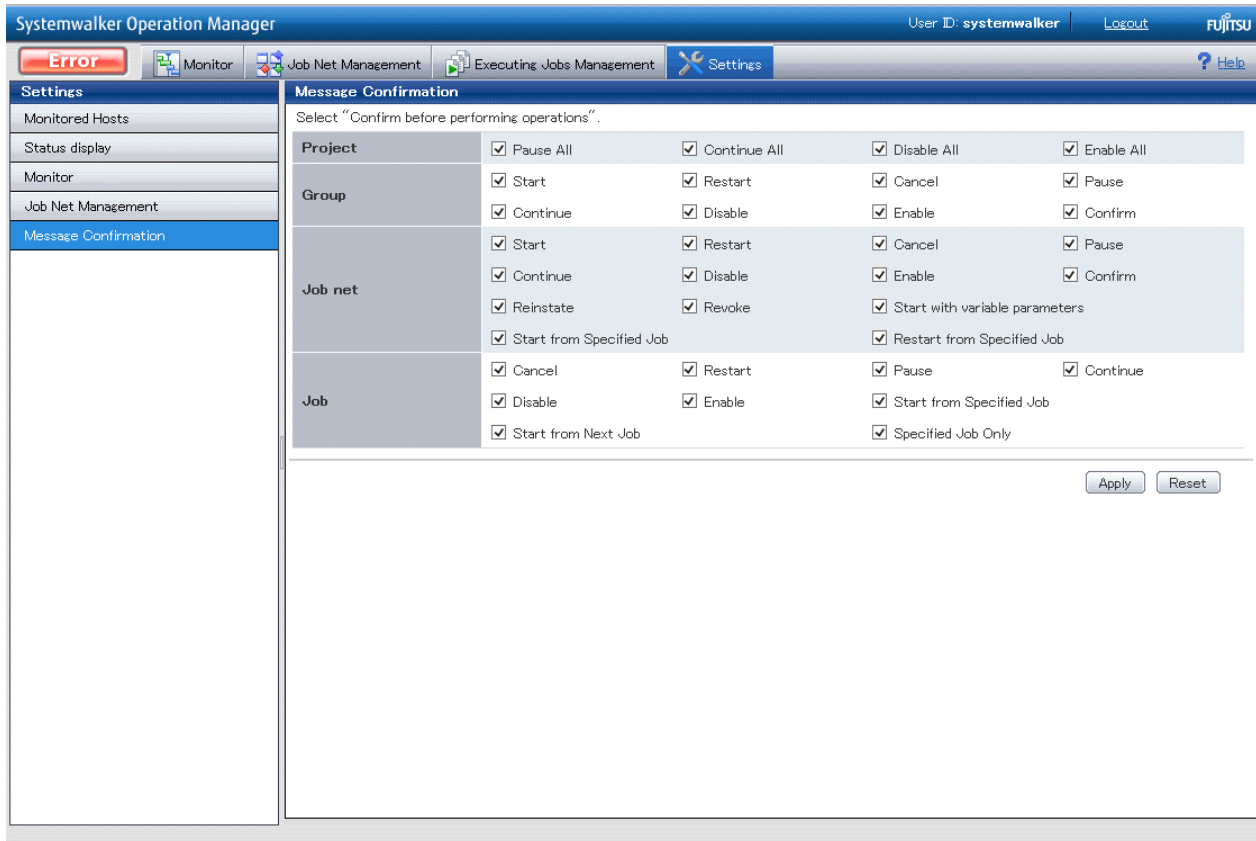
Apply button

Applies the content that was changed.

Reset button

Cancels the changes made to the content, and the latest saved content is displayed.

3.1.5 Confirming Operations

The settings used to display a confirmation dialog box, when operations are executed, are configured in the **Message Confirmation** sub-view.

Figure 3.5 Example window of the Message Confirmation sub-view

Content that can be configured

To display a confirmation dialog box for an operation, select the check box for that operation in the operation target (Project, Group, Job net, or Job). By default all check boxes are selected.

Apply button

Applies the content that was changed.

Reset button

Cancels the changes made to the content, and the latest saved content is displayed.