Integrated Cluster WebUI Help

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Overview

Integrated Cluster WebUI allows you to manage cluster systems in a centralized way, such as to monitor their statuses.
The main screen of Integrated Cluster WebUI consists of the following two areas.

1. **Toolbar**

   This area enables you to activate various functions.

   For more information, see the Toolbar section below.

2. **Main area**

   This area allows you to check statuses of registered clusters.

   For more information, see the Main section below.

Overview

This area enables you to activate various functions.

1. **Import**

   Imports a configuration file for Integrated Cluster WebUI.

   This file includes data on registered clusters.

2. **Export**

   Exports a configuration file for Integrated Cluster WebUI.

3. **Manage folder**

   Allows creating, deleting, and renaming a folder.

   For more information, see the Manage folder section below.

4. **Register cluster**

   Allows registering a cluster.

   For more information, see the Register cluster section below.

5. **Deregister cluster**

   Allows deregistering clusters.

   For more information, see the Deregister cluster section below.

6. **Update**

   Obtains the latest data on all registered clusters.

7. **About this app**

   Displays version information on Integrated Cluster WebUI.

8. **Online help**

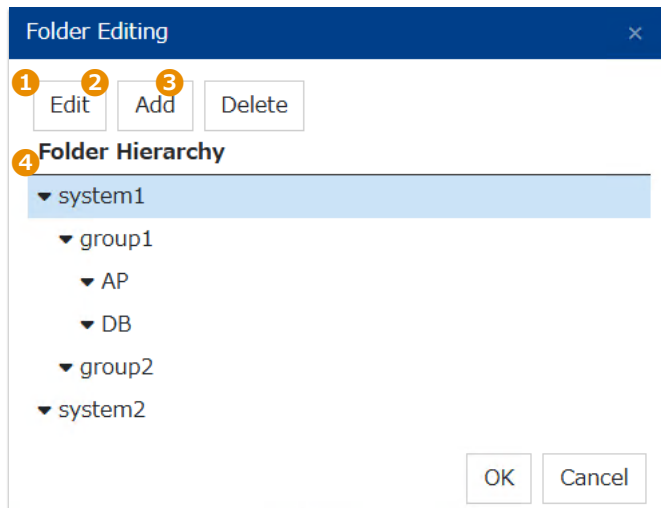   Displays online help on Integrated Cluster WebUI.
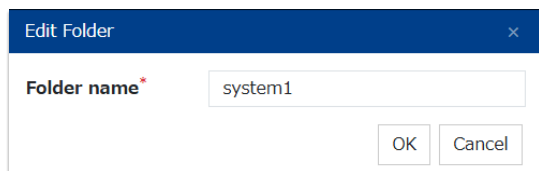
9. **Log out**

   Logs you off Integrated Cluster WebUI.

Manage folder

Allows creating, deleting, and renaming a folder.

Folder Editing ✕

❶ Edit ❷ Add ❸ Delete

❹ **Folder Hierarchy**

- ▾ system1
  - ▾ group1
    - ▾ AP
    - ▾ DB
  - ▾ group2
- ▾ system2

OK Cancel

1. **Rename**

   Allows changing the name of a selected folder.

   Edit Folder ✕

   Folder name[*] system1

   OK Cancel

2. **Create**

   Allows creating a new folder.

   Create Folder ✕

   Folder name[*] [   ]

   OK Cancel

   If a folder is created with an existing folder selected:
   The new folder is created in the existing folder.
   This folder hierarchy can consist of up to three levels.

   If a folder is created with no existing folder selected:
   The new folder is created at the top level.

3. **Delete**

   Removes a selected folder.

   > **Note:** Also deletes the subfolders and clusters contained within a selected folder.

4. **Folder hierarchy**

   Shows how created folders are organized.

Register cluster

Allows registering a built cluster.

Cluster registration   ✕

IP Address*	[ ]	①
Port No.*	[29003]	②
Communication Method*	● HTTPS ○ HTTP	③
Affiliated Folder*	[/system1/group1 ▾]	④

                                                    OK   Cancel

1. **IP address**
   Enter the managing IP address of a cluster or the real IP address of a cluster server.

   > **Note:** Before registering a cluster, start it up.

2. **Port number**
   Enter the port number of WebManager (default, 29003).

3. **Communication method**
   Select a communication method (default, HTTPS).

4. **Destination folder**
   Select a folder to which you make the cluster belong.

Deregister cluster

Allows deregistering clusters.

Cluster Deregistration	✕

Cluster List

	Cluster Name	Assigned Folder
☐	cluster1	/folder1/group1/APP
☐	cluster2	/folder1/group1/DB

OK   Cancel

1. **Deregister cluster**
   Select the checkboxes of clusters to be deregistered, then click OK.

Overview

This area allows you to check statuses of registered clusters.
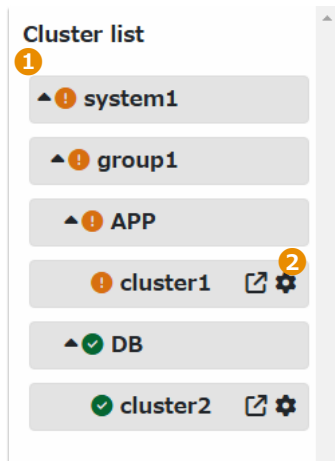

1. **Cluster list**
   Shows how folders and registered clusters are organized.
   For more information, see the Cluster list section below.
2. **Summary boxes**
   Shows statuses of all registered clusters, servers, and groups.
   For more information, see the Summary boxes section below.
3. **Status**
   Shows the status of a cluster selected from Cluster list--in terms of its servers, groups, and monitors.
   For more information, see the Status section below.

Cluster list

1. **Tree view**

   Shows a tree structure containing added folders and clusters.

   [Status icon]

   For each cluster:

   Represents its status as a whole.

   ⊔ **Normal**
   ⊔ **Abnormal**
   ⊔ **Warning**
   ⊔ **Suspended/Stopped/Unknown**

   For each folder:

   Represents a whole status of the subfolders and clusters registered in the folder.

   ⊔ **Normal**

   about the whole status of the subfolders and clusters registered in the folder

   ⊔ **Abnormal**

   for at least one abnormality in the subfolders and clusters registered in the folder

   ⊔ **Warning**

   with at least one of these statuses (suspended, stopped, and unknown) existing, but without any abnormality, in the subfolders and clusters registered in the folder

2. **Actions**

   ⊔ **Edit cluster configuration**
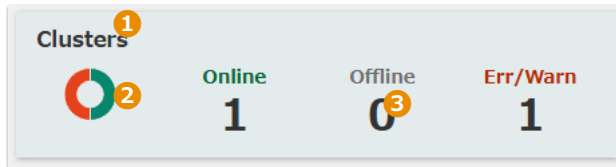
   Allows changing the destination folder.

   ⊔ **Connect to Cluster WebUI**

   Connects to Cluster WebUI.

Summary boxes

1. **Type**
   Shows a type of item: Clusters, Servers, or Groups.
2. **Donut chart**
   Illustrates how many clusters/servers/groups are registered altogether. The green means normal, the gray means stopped, and the red means abnormal/warning.
3. **Count**
   Displays the number of clusters/servers/groups for each of these statuses: Started (normal), Stopped, or Abnormal/Warning.

Integrated Cluster WebUI

Status

Shows the status of a cluster selected from Cluster list, and allows various kinds of operation.
To use config or verification mode for the cluster, connect to its Cluster WebUI. Neither of the modes can be used through Integrated Cluster WebUI.

> **Notes▲** ①
> [Group Automatic Startup] is disabled.
> [Recovery Operation when Group Resource Activation Failure Detected] is disabled.
> [Recovery Operation when Group Resource Deactivation Failure Detected] is disabled.
> [Recovery Action when Monitor Resource Failure Detected] is disabled.
> [Failover when Server Failure Detected] is disabled.

> ⚠ Cluster has warnings ②

▼ **cluster** ③

🖥 Servers	Server group list	**server1**	**server2**
▼ Server		Online ⏻ ↺ ⚙ 📦 📦 ↥	Online ⏻ ↺ ⚙ 📦 📦 ↥

⊞ Groups	Exclusive rule list	▼ Filter settings	
▲ failover ⚙		Offline ■ ▶ ⊞→	Error ■ ▶ ⊞→
▼ group1		Offline	Online failure
▼ group2		Offline	Online

🔍 Monitors		▼ Filter settings ④	
‖ ▶			
▼ monitor1		Normal	Normal
▼ monitor2		Normal	Suspended

1. **Notes on cluster**
   Displays notes (only if any) on the cluster.
2. **Cluster status**
   Displays a status of the cluster as a whole.
3. **Cluster name**
   Displays the cluster name. Clicking it opens a list of actions such as rebooting the cluster and viewing its details.
   For more information, see the [Cluster](#) section below.
4. **Status table**
   Displays the statuses of servers, groups, and monitors, and allows performing actions such as starting/stopping individual groups and resources.
   Automatically adjusts the display, depending on the browser size.
   If the cluster consists of four or more servers: In Number of servers per page, you can specify the number of the servers to be displayed.
   For more information on statuses of and actions on servers, see the [Servers](#) section below.
   For more information on statuses of and actions on groups, see the [Groups](#) section below.
   For more information on statuses of and actions on monitors, see the [Monitors](#) section below.

Cluster

▲ cluster **①**

⏻ ↺ 🖳 🖳 🖳 🖳 🖳 🖳 🖳 ⚙ **②**

1. **Cluster name**
   Click here to open/close a list of actions on the cluster.
2. **Actions on cluster**
   ⏻ **Shut down cluster**
   Shuts down all servers of the cluster.
   ↺ **Reboot cluster**
   Reboots all servers of the cluster.
   🖳 **Suspend cluster**
   Suspends the cluster service.
   🖳 **Resume cluster**
   Resumes the cluster service.
   🖳 **Start cluster**
   Start the cluster service.
   🖳 **Stop cluster**
   Stop the cluster service.
   🖳 **Restart WebManager service**
   Restarts the WebManager service.
   🖳 **Start mirror agent**
   Starts the mirror agent.
   🖳 **Stop mirror agent**
   Stops the mirror agent.
   ⚙ **Cluster details**
   Displays details on the cluster.

Servers

1. **Sever group list**

   Click here to display a list of server groups in a separate window.

2. **Server**

   Click here to open/close a list of actions on each server and its resources.

3. **Actions on server**

   ⏻ **Shut down server**

   Shuts down the server.

   ↺ **Reboot server**

   Reboots the server.

   ⚙ **Server details**

   Displays detailed settings for the server.

   Start server service

   Starts the server service.

   Stop server service

   Stops the server service.

   ⬆ **Restore server**

   Makes the server recover from an abnormal stop.

4. **Resource name**

   Click here to show/hide details on and a status of the resource.

5. **Resource details**

   Displays details on the heartbeat resource/NP resolution resource.

6. **Resource status**

   Displays a status of the heartbeat resource/NP resolution resource on the server.

Groups

1. **Exclusive-rule list**
   Click here to display a list of exclusive rules, attributes, and groups.

2. **Filter settings**
   Click here to show/hide the filter section (Types and Resources).
   Selecting items from Types and Resources filters the group resource display.

3. **Group**
   Click a group name here to open/close a list of actions on the group and its resources.
   ⚙ **Group details**
   Displays details on the group.

4. **Actions on group**
   ■ **Stop group**
   Stops the group.
   ▶ **Start group**
   Starts the group.
   🖳 **Move group**
   Allows moving the group from the server to another.

5. **Group resource**
   Click a group resource name here to open/close a list of actions on the group resource.
   ⚙ **Group resource details**
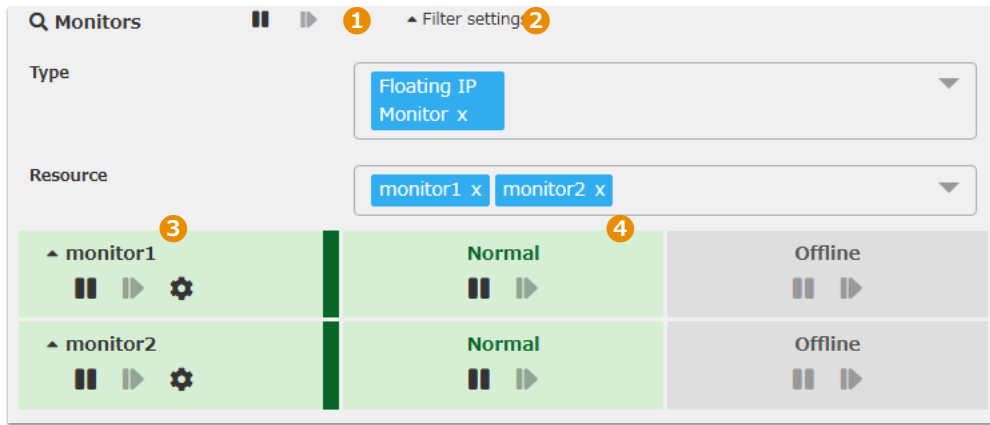   Displays details on the group resource.

6. **Actions on group resource**
   ■ **Stop resource**
   Stops the resource.
   ▶ **Start resource**
   Starts the resource.

Monitors

1. **Actions on all monitors**

   Click an action button to display a list of servers in a separate window. Then select a server on which the action is performed.

   ⏸ **Suspend monitoring**

   Suspends all monitors on a selected server.

   ⏵ **Resume monitoring (for all monitors)**

   Resumes all suspended monitors on a selected server.

2. **Filter settings**

   Click here to show/hide the filter section (Types and Resources).

   Selecting items from Types and Resources filters the monitor resource display.

3. **Monitor**

   Click a monitor name here to open/close a list of actions on the monitor.

   ⏸ **Suspend monitor**

   Suspends the monitor on a selected server.

   ⏵ **Resume monitor**

   Resumes the monitor on a selected server.

   ⚙ **Monitor details**

   Displays details on the monitor.

4. **Actions on monitor**

   ⏸ **Suspend monitor**

   Suspends the monitor.

   ⏵ **Resume monitor**

   Resumes the monitor.

Notes and restrictions

1. **Status display**
   (1) Integrated Cluster WebUI does not always show the newest data.
      To get the latest information, click Update.

   (2) If Integrated Cluster WebUI fails to obtain data due to a server failure or other issues, some objects may be incorrectly displayed.
      In this case, wait for the next automatic update or manually get the latest data by clicking Update.

2. **Effect of clearing the browser cache**
   After configuring Integrated Cluster WebUI , clearing the browser cache also removes data on the folder hierarchy and registered clusters.
   To save the current data on them, export its configuration data file.

3. **Storage restriction on the browser**
   Depending on how the storage is used by others (e.g., another Web application), the browser may fail to store correct data on the folder hierarchy and registered clusters.