

# **Reservation Portal User's Manual**

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Ver. 1.3

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## **1. Introduction**

This document is the reservation portal user's manual to apply for virtual machine (computer resources of informatics server that you can occupy). In this manual, the basic operation of reservation portal for user is described.

## 2. Reservation Portal Service

Reservation portal service provide reservation for using occupied virtual machine.

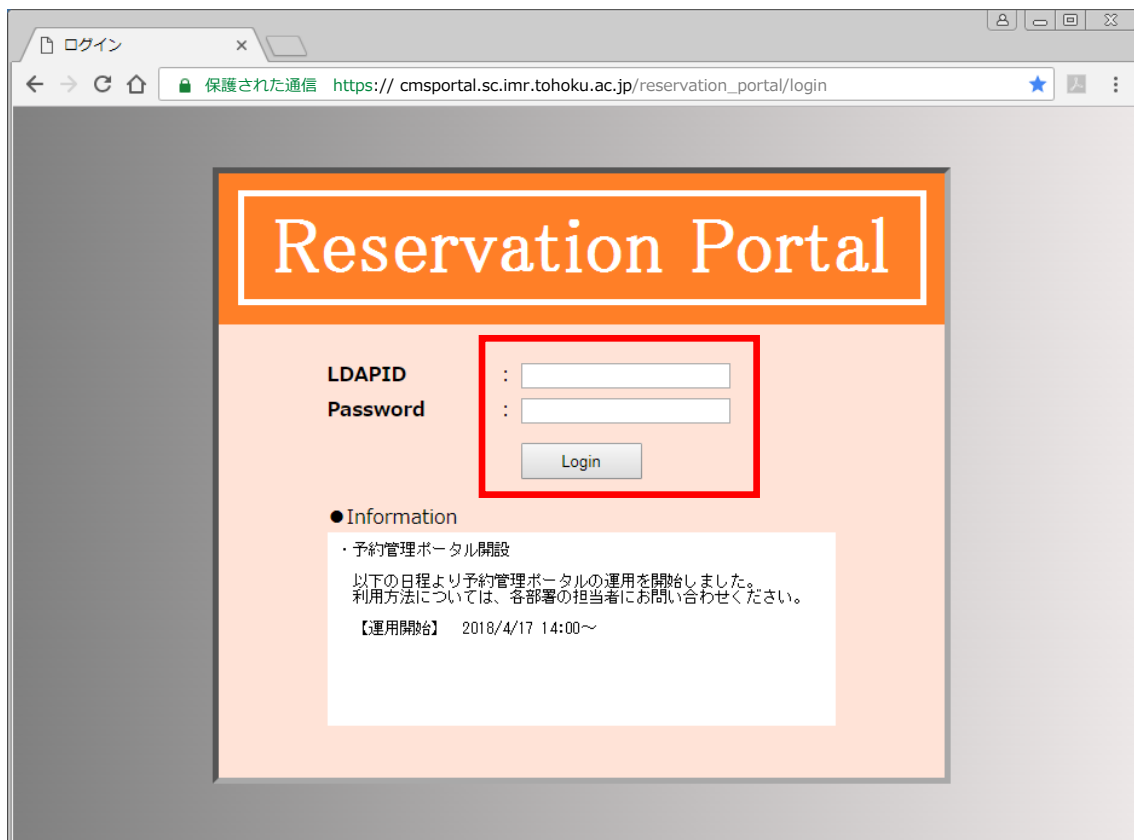
### 2.1. Login Method

When you log in the reservation portal, you access following URL by web browser.

Please use Firefox or Chrome browser. Microsoft Edge and Internet Explorer are not available.

[https://cmsportal.sc.imr.tohoku.ac.jp/reservation\\_portal/login](https://cmsportal.sc.imr.tohoku.ac.jp/reservation_portal/login)

You need ID and password of the supercomputing system to log in the reservation portal.



- LDAPID  
Please input your login ID
- Password  
Please input your login password

## 2. Reservation Portal Service

### 2.1. Login Method

- Log in

After entering LDAPID and Password, you will click “Login” button and log in the reservation portal.

## 2.2. Reservation Table

You can reserve virtual machines and check all your reservation applications on reservation table.



- Log out (ログアウト)  
The “ログアウト (Logout)” button is to log out of the reservation portal.
- Virtual Machine Reservation (仮想ホスト予約)  
The “仮想ホスト予約 (Virtual Machine Reservation)” button is to reserve virtual machines.
- Congestion State Check (混雑状況確認)  
The “混雑状況確認 (Congestion state Check)” button is to check congestion state of the virtual machine reservation.
- Original Template Application (独自環境申請)  
If you want to use original template instead of standard template for virtual machine, please [contact us](#) using contact form.

### 2.3. Virtual Machine Reservation

Please click “仮想ホスト予約 (Virtual Machine Reservation)” button and the webpage of “virtual machine reservation” will be opened.

\* Please click button inside the red frame in the figure below.



## 2. Reservation Portal Service

### 2.3. Virtual Machine Reservation

Please enter values in forms on virtual machine reservation webpage and click "予約 (reservation)" button.

The screenshot shows a web browser window with the URL [https://cmsportal.sc.imr.tohoku.ac.jp/reservation\\_portal/reservationRequest](https://cmsportal.sc.imr.tohoku.ac.jp/reservation_portal/reservationRequest). The page title is "仮想ホスト予約". The reservation date is set to 2018/06/13. The form is divided into two sections: "予約情報" (Reservation Information) and "仮想ホスト情報" (Virtual Host Information). The "予約情報" section includes fields for User ID (sampleuser), Email (sampleuser@sample.com), Confirmation of Email (sampleuser@sample.com), Last Name (サンプル), First Name (太郎), Start Date (2018/06/18), End Date (2018/06/30), and Number of Instances (1). The "仮想ホスト情報" section includes fields for Template (OS) (group-server-template-cui), Description (group-server-template-cui), Size (25GB), Virtual Host Specification (RSV\_1core\_500MiB), CPU Cores (1), CPU (3000MHz), Memory (512MB), and High Availability (yes). The "予約" button is highlighted with a red box.

Field	Value
予約日	2018/06/13
ユーザーID	sampleuser
電子メール	sampleuser@sample.com
電子メールの確認入力	sampleuser@sample.com
姓	サンプル
名	太郎
利用開始日	2018/06/18
利用終了日	2018/06/30
台数	1
テンプレート (OS)	group-server-template-cui
説明	group-server-template-cui
サイズ	25GB
仮想ホストスペック	RSV_1core_500MiB
CPUコア数	1
CPU	3000MHz
メモリ	512MB
高可用性有効	yes

- E-mail(電子メール) / Confirm E-mail(電子メールの確認入力)  
Please enter your e-mail address.  
The reservation portal send e-mail to entered e-mail address.
- Last Name (姓) / First Name(名)  
Please enter your Last name and First name.
- Start Date (利用開始日)  
Please enter start date of using virtual machine.  
The shortest start date is 1 day after the application.



- End Date (利用終了日)  
Please enter end date of using virtual machine.  
The maximum usage period of one reservation is 28 days.
- Number (台数)  
Please enter the number of using virtual machines.
- Template (テンプレート(OS))  
Please select the template (OS) for virtual machine.
  - base-group-shared-server-app  
OS : Cent OS 7.4  
Software : applications and compilers described in the [manual](#) are installed.
  - base-group-shared-server  
OS : Cent OS 7.4  
Software : applications and compilers described in the [manual](#) are not installed.
- Virtual Machine Spec(仮想ホストスペック)  
Please select the spec for virtual machine.  
The maximum available resource for virtual machine is 36 CPU cores. The product of the number of CPU cores and number of virtual hosts should not exceed 36.
- Cancel(キャンセル)  
If you go back to top page, please click “キャンセル(Cancel)” button.
- Reservation(予約)  
After entering the virtual machine information, you click “予約(reservation)” button to apply for reservation of virtual machine. When the confirmation dialog will pop up, please check the application details and press "OK" button.  
When the virtual machine is ready, reservation portal will send an invitation e-mail to your entered e-mail address.

\* Depending on the usage status of the virtual machine, you may not be able to make a reservation.


In this case, please confirm the availability date on the congestion state check, and change usage date and virtual machine spec.

## 2.4. Virtual Machine Reservation Check

You can check your reservation status by the reservation table.

If you want to check detail of your reservation, please click your user ID on the reservation table.

\* Please click link inside the red frame in the figure below.



The screenshot shows a web browser window with the URL [https://cmsportal.sc.imr.tohoku.ac.jp/reservation\\_portal/reservationList](https://cmsportal.sc.imr.tohoku.ac.jp/reservation_portal/reservationList). The page contains several buttons: '独自環境申請', '仮想ホスト予約', '混雑状況確認', and 'ログアウト'. Below these is a table with the following data:

No	ユーザーID	予約者	予約日	ステータス	利用開始	利用終了
1	<a href="#">sampleuser</a>	サンプル 太郎	2018-06-13	予約済み	2018-06-18	2018-06-29

## 2. Reservation Portal Service

### 2.4. Virtual Machine Reservation Check

The reservation confirmation page will be opened and you can check detail of your reservation.

仮想ホスト予約確認

保護された通信 [https://cmsportal.sc.imr.tohoku.ac.jp/reservation\\_portal/reservationConfirmation](https://cmsportal.sc.imr.tohoku.ac.jp/reservation_portal/reservationConfirmation)

ログアウト

予約者 : サンプル 太郎  
予約日 : 2018/06/13  
ステータス : 予約済み

●予約情報

ユーザーID : sampleuser  
電子メール : sampleuser@sample.com  
利用開始日 : 2018/06/18  
利用終了日 : 2018/06/29  
台数 : 1

●仮想ホスト情報

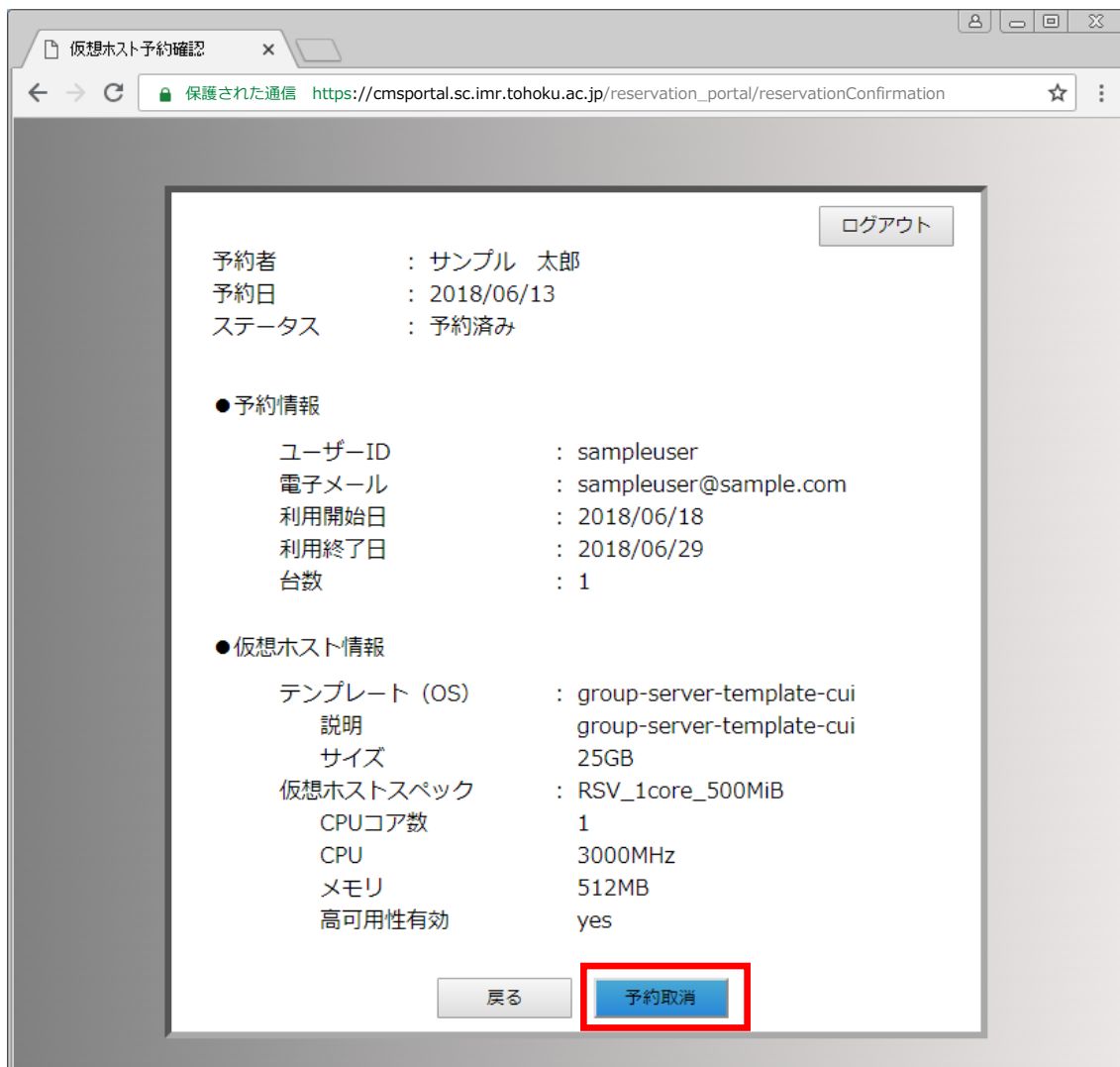
テンプレート (OS) : group-server-template-cui  
説明 : group-server-template-cui  
サイズ : 25GB  
仮想ホストスペック : RSV\_1core\_500MiB  
CPUコア数 : 1  
CPU : 3000MHz  
メモリ : 512MB  
高可用性有効 : yes

戻る 予約取消

### 2.5. Virtual Machine Reservation Cancellation

You can cancel your reservation on reservation confirmation page by clicking “予約取消 (Reservation Cancellation)” button up to 2 days before the start date.

\* Please click button inside the red frame in the figure below.



### 2.6. Congestion State Check

You can check congestion state by clicking “混雑状況確認(Congestion State Check)” button on the reservation table.

\* Please click button inside the red frame in the figure below.



## 2. Reservation Portal Service

### 2.6. Congestion State Check

The congestion state check page will be opened and congestion state of each day is indicated in the following colors.

\* Light blue indicates current date

Red: 80% - 99%   Yellow: 50% - 79%   Green: 0% - 50%   Gray: Unavailable

混雑状況確認 - Google Chrome

保護された通信 [https://cmsportal.sc.imr.tohoku.ac.jp/reservation\\_portal/reservationState](https://cmsportal.sc.imr.tohoku.ac.jp/reservation_portal/reservationState)

2018/06 ~ 2018/08

SUN	MON	TUE	WED	THU	FRI	SAT
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	[CPU]1% [メモリ]1% [ストレージ]1%	
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

予約率 赤 : 80%~99%   黄 : 50%~79%   緑 : 50%未満   灰 : 予約不可

閉じる