

Portal System for statistical information

The portal system for statistical information provides the following services.

- Computer usage status Web
- Node operation status Web

1. How to log in portal system

Login to the portal system also requires advance preparation for 2-factor authentication. Please prepare the 2-factor authentication application in advance.

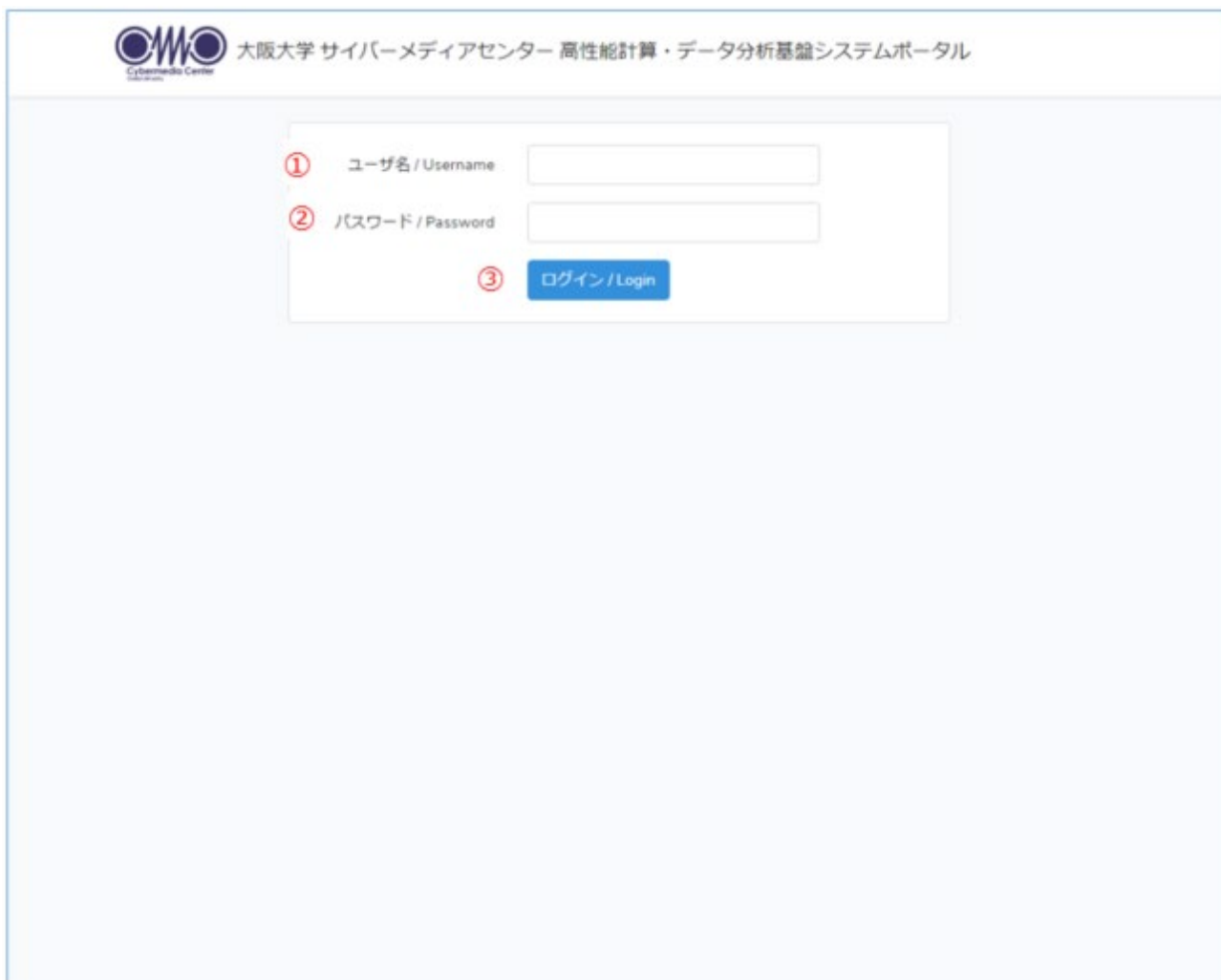
You can use your smartphone or PC as a device for 2FA. Please install any one of the following applications:

OS	Application	Distributor
Android	Google Authenticator	Google Play Store
	Microsoft Authenticator	Google Play Store
iOS	Google Authenticator	Apple App Store
	Microsoft Authenticator	Apple App Store
Windows	WinAuth	Github
macOS	Step Two	Apple App Store

- Authentication codes are independent for front-end login and portal system login, so please set 2-factor authentication when logging in for the first time.

1.1. Login Page

When you access "https://squidportal.hpc.cmc.osaka-u.ac.jp/portal/login", the portal system login page will be displayed.



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① ユーザ名 / Username

② パスワード / Password

③ ログイン / Login

◆ Instructions

- ① input "user number" to [ユーザ名] form
- ② input "Login password" to [パスワード] form
- ③ Click [ログイン]

1.2. 2-factor authentication setting page

If the login user's 2-factor authentication setting has not been set, the screen will change to the 2-factor authentication setting page after login authentication.

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Google Authenticatorなどの認証コード生成用モバイルアプリでQRコードを読み取るか、シークレットキーをGoogle Authenticatorなどに入力して表示される番号を入力してください。

Please read the QR code with a mobile app for authentication code generation such as Google Authenticator enter the secret key into Google Authenticator etc.and enter the displayed number.

①

シークレットキー / Secret key

② XXXXXXXXXXXXXXXXXXXX

アプリに表示されている6桁のコードを入力してください。

Enter the 6-digit code displayed on the app.

認証コード / Authentication code

③

④ 検証 / Verification

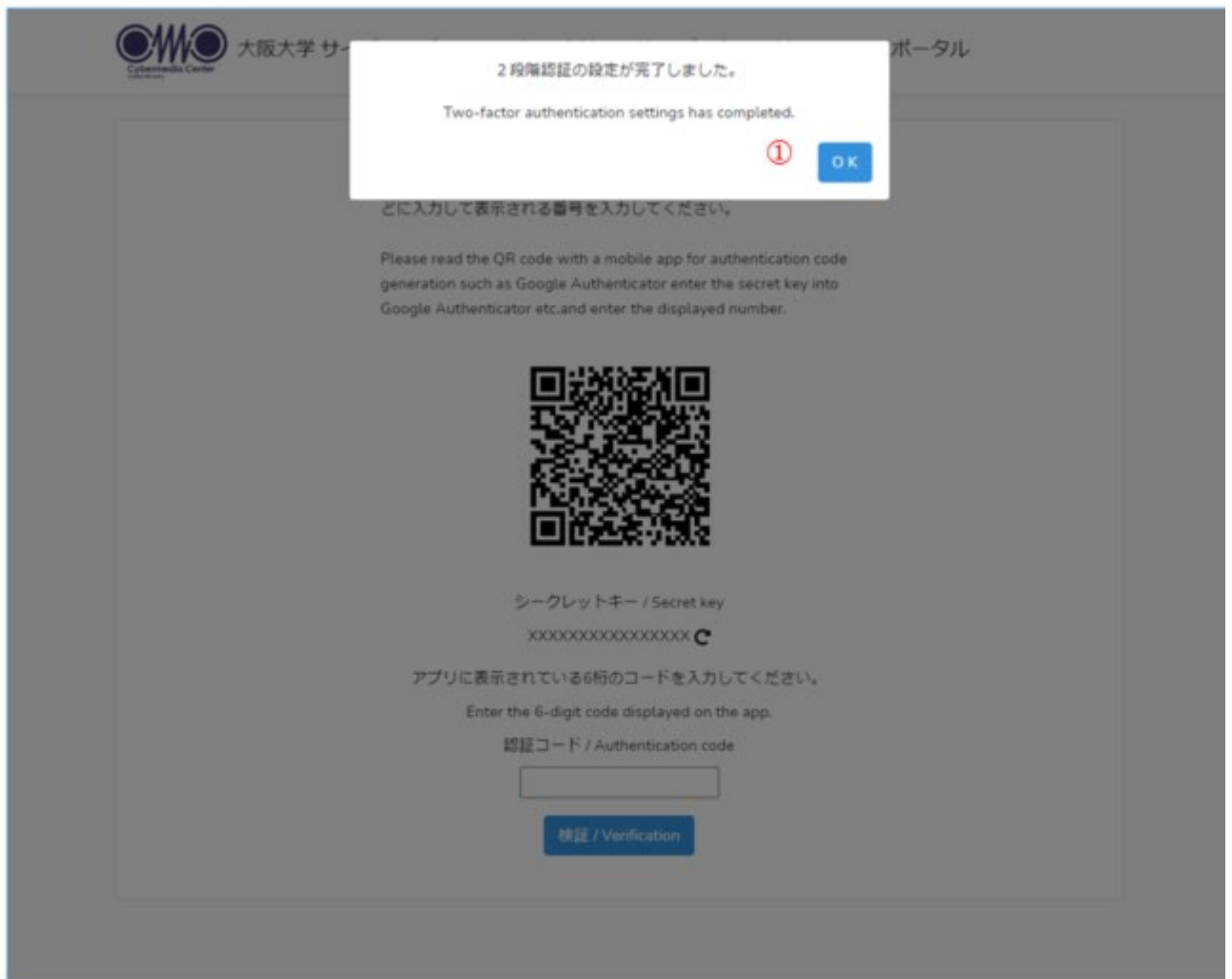
◆ Instructions

- ① Read the QR code displayed on the 2-factor authentication application.
- ② If you cannot read the QR code, enter the secret key into the 2-factor authentication application.
- ③ Input the authentication code displayed on the 2-factor authentication application in the [認証コード] form
- ④ Click [Verification]. Performs authentication code verification processing and 2-factor authentication setting processing. When the process is

complete, the completion dialog is displayed.

◆ Dialog

When the 2-factor authentication setting is completed, a dialog indicating the completion of processing is displayed.

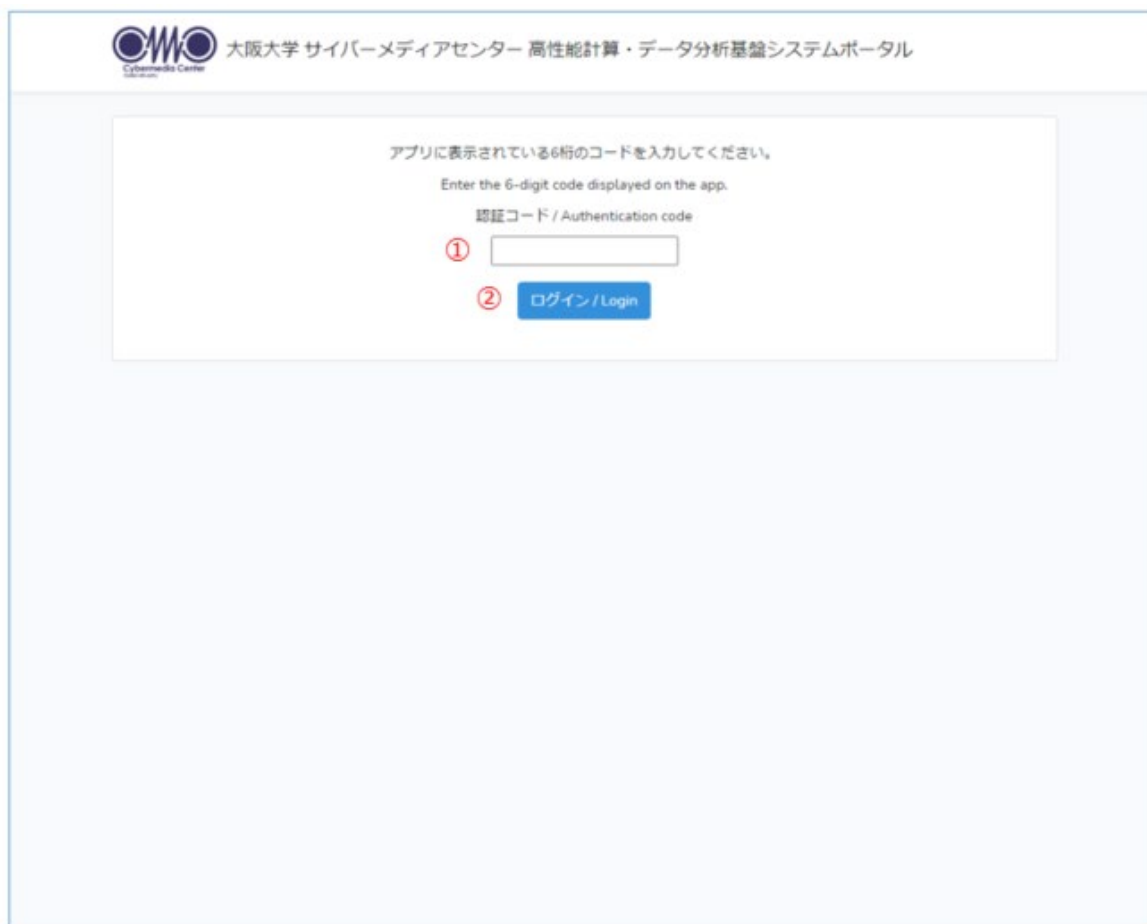


① OK

Click [OK] to move portal home page.

1.3. 2-factor authentication page

If the 2-factor authentication setting has already been set, the screen will change to the 2-step authentication screen after login authentication.



The screenshot shows the login page of the Osaka University Cybermedia Center. At the top left is the logo of the Cybermedia Center. To its right is the text "大阪大学 サイバーメディアセンター 高性能計算・データ分析基盤システムポータル". The main content area is a white box with the following text: "アプリに表示されている6桁のコードを入力してください。" followed by "Enter the 6-digit code displayed on the app." Below this is the label "認証コード / Authentication code". There is a text input field with a red circled "1" to its left. Below the input field is a blue button labeled "ログイン / Login" with a red circled "2" to its left.

◆ Instructions

- ① Input the authentication code displayed on the 2-factor authentication application in the [認証コード] form
- ② Click [Login]

1.4. Portal Home page

home page is following



① Logout

Click the "Logout" button to log out and move to the login screen.

② Computer usage status

Select the "Status Display" link to display the computer usage status on a new tab screen.

③ Node operation status

Select the "Status Display" link to display the node operation status on a new tab screen.

2. Computer Usage Status Web

On the home page of the portal system, select the "Status display" link of "computer usage status" to display the computer usage status on a new tab screen.



(1) Computer Usage Search Page

Specify the year, period, group, and user for which you want to display the usage status.



The screenshot shows the '利用状況検索' (Usage Status Search) page. It contains the following search criteria, each highlighted with a red box and a circled number:

- ① 年度: 2022年 (Year)
- ② 期間: 年度単位 (Period: Annual unit)
- ③ グループ: groupA (Group)
- ④ ユーザ: user001 (User)

At the bottom, there is a '検索' (Search) button, also highlighted with a red box and a circled number. The page also includes instructions: '利用状況を表示したい年度・期間・グループ・利用者を選択してください。なお、グループ代表者でない場合、利用者の選択は出来ません。' (Please select the year, period, group, and user you want to display the usage status. Note that if you are not the group representative, you cannot select the user.)

◆ Instructions

① Specify the year

Select the year for which you want to view usage. You can select from 2021 to the current year. However, you cannot select the year before the user registration date.

*If the registration date is 2022/4/1, you can select from 2022.

If the registration date is 2022/3/31, you can select from 2021.

② Specify the period

- Select "Yearly" to display the total value for each year.

The screenshot shows a form titled '期間:' (Period). It has three radio button options: '年度単位' (Yearly unit), '月単位' (Monthly unit), and '日単位' (Daily unit). The '年度単位' option is selected and highlighted with a red box. To the right of the radio buttons are two pairs of dropdown menus, each separated by a tilde (~), representing start and end periods. The first pair is currently empty.

- To display by month, select "Monthly" and enter the start and end months. Input of only one of them will result in an error.

The screenshot shows the same form as above, but with the '月単位' (Monthly unit) option selected and highlighted with a red box. The first dropdown menu is set to '01月' (January) and is highlighted with a red box. The second dropdown menu is also set to '01月' and is highlighted with a red box. A red box highlights the text '単月の場合は、開始月と終了月に同じ月を指定して下さい。' (In the case of a single month, please specify the same month for the start and end months.) with an arrow pointing to the second dropdown menu.

- If you want to display by day, select "Daily" and enter the start date and end date.

Input of only one of them will result in an error.

The screenshot shows the same form as above, but with the '日単位' (Daily unit) option selected and highlighted with a red box. The first dropdown menu is set to '2021/05/05' and the second is set to '2021/05/05', both highlighted with red boxes. A red box highlights the text '単日の場合は、開始日と終了日に日付を指定して下さい。' (In the case of a single day, please specify the date for the start and end dates.) with an arrow pointing to the second dropdown menu.

③ Specify a group / user

The target data that can be selected differs depending on the operation authority of the logged-in user.

A) Application representative

- When displaying the total for each group for all groups for which you are the representative of the application

グループ:	所有グループ全体	グループ : [所有グループ全体]
ユーザ:	各グループ合計	ユーザ : [各グループ合計]

- When displaying the data of all members and the total of the group for a specific group for which the applicant is the representative of the application.

グループ:	groupA	グループ : (specify group)
ユーザ:	全ユーザ表示	ユーザ : [全ユーザ表示]

- When displaying the data of a specific member of a specific group

グループ:	groupA	グループ : (specify group)
ユーザ:	usr001	ユーザ : (specify user)

B) Normal user

- Users can only display their own data

グループ:		cannot specify neither グループ nor ユーザ
ユーザ:	usr001	

④ Search

Click the search button to display the search result screen.

*The page will switch.

*To change the search conditions, click the browser's back button to redisplay the search screen.

2.1. Search result page

This page is for viewing information according to the specified conditions.
Search results are displayed on this screen by clicking the link of the information to be viewed.

利用状況検索

年度：2022年
期間：月単位 (04月～05月)
グループ：groupA
ユーザ：user001

計算機の情報	利用ノード時間 投入ジョブ件数	A
占有/共有毎の情報	利用ノード時間 (占有 共有) 投入ジョブ件数 (占有 共有)	B
キュー毎の情報	利用ノード時間 投入ジョブ件数	C
ファイルシステム	ディスク使用量 (ホーム 拡張領域 高速領域)	D

◆ Instructions

Click the link of the target information to display the details in a separate screen.

* By clicking multiple links, each information can be displayed individually.

【Information】

A) Computer Information

Usage Node Hours , Number of Jobs

B) Information by occupancy / sharing

Usage Node Hours (occupancy / sharing), Number of Jobs (occupancy / sharing)

C) Information by Queue

Usage Node Hours , Number of Jobs

D) FileSystem

Storage Usage(home, extended, high-speed)

2.2. Usage Result Page

Regarding the usage status, graphs and data will be displayed based on the conditions specified up to the previous screen.

* CSV output of display data is possible.

① Specifying conditions for each year

The total value for the target year is displayed in graphs and data.



② Annual CSV file example

Download the same content as the "Data section" displayed on the screen in CSV format.

	A	B
1		2020
2	groupA	65.07
3	usr001	0
4	usr002	0
5	usr003	0
6	usr004	0
7	usr005	65.07
8	usr006	0

* This is a display example in Excel.

③ Monthly / daily condition specification

The transition for each month (day) is displayed as a graph and data.



④ Monthly / daily CSV file example

Download the same content as the "Data section" displayed on the screen in CSV format.

	A	B	C	D	E	F	G	H	I	J	K	L
1		2020/04	2020/05	2020/06	2020/07	2020/08	2020/09	2020/10	2020/11	2020/12	2021/01	2021/02
2	usr001	0	0	0	8	8	8	8	8	8	21	22

* This is a display example in Excel.