XACK Inc.

How to install the evaluation version of XACK RADIUS on Amazon AWS

Thank you for your review of XACK products.
We will guide you through the implementation procedure of XACK RADIUS on Amazon AWS.

◆ Affected products
XACK RADIUS

◆ Evaluation Period
Base license: 1 month in principle
Tester license: 2 weeks in principle
* Long-term issuance is also possible, such as campaign application. Please contact our staff.

◆ Operating environment
Amazon EC2 instance t2.large or more

◆ Deployment Procedure
1. Please contact us to obtain a license file.

2. Open the Amazon EC2 console (https://console.aws.amazon.com/ec2/).

3. In the navigation bar at the top of the screen, the current AWS Region is displayed, and you can choose the region in which you want to launch the instance.

4. On the Amazon EC2 console dashboard, choose Launch Instance.

5. Under Application and OS images (Amazon Machine Image), choose View other AMIs, choose My AMIs, and then in the results filter on the left, select ☑ the check box for Owner (shared with me). [XACK RADIUS x.x.x] will be displayed in all product columns, so select it.

6. For Instance type, choose an instance type that is t2.large or greater.

7. Under Key pair (login), for Key pair name, choose an existing key pair or create a new one.

8.   Under Network settings, under Firewall (**security group**), select or create the appropriate security group.

9.   In the Overview panel, choose Launch instance.

10.  Start your browser and access the following URL.
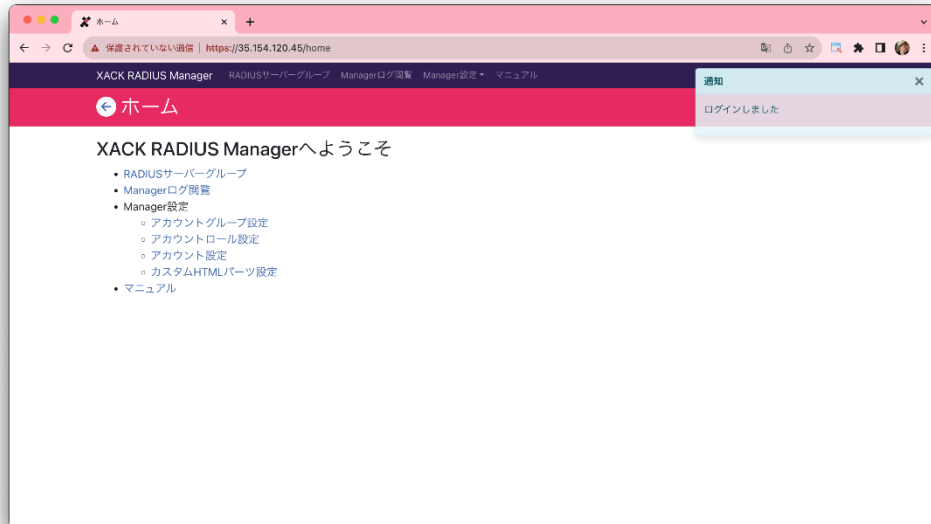     https:// Public IPv4 address of the launched instance/
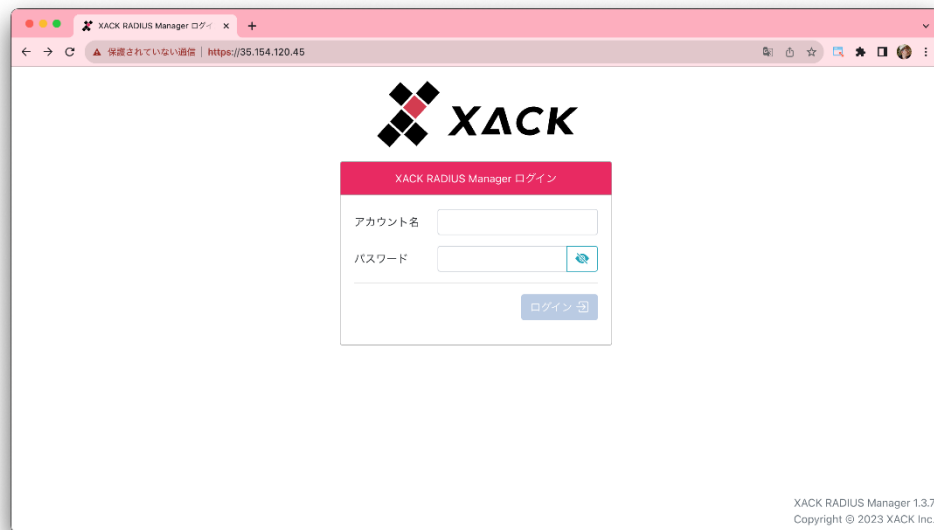


11.  Log in to the
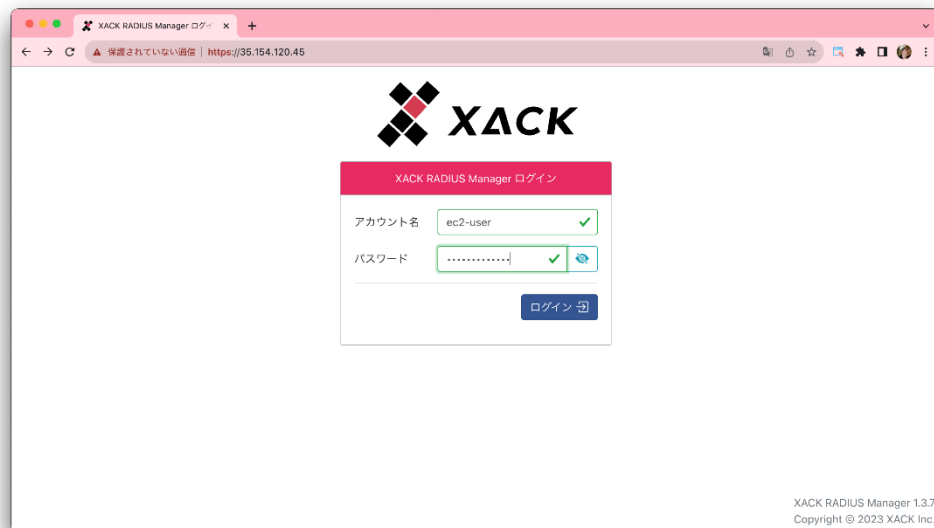


     username where ec2-user
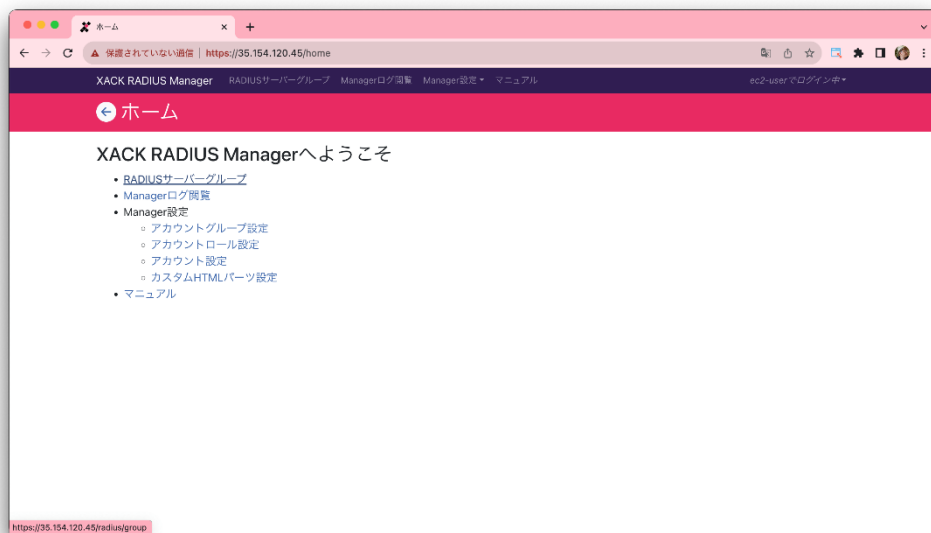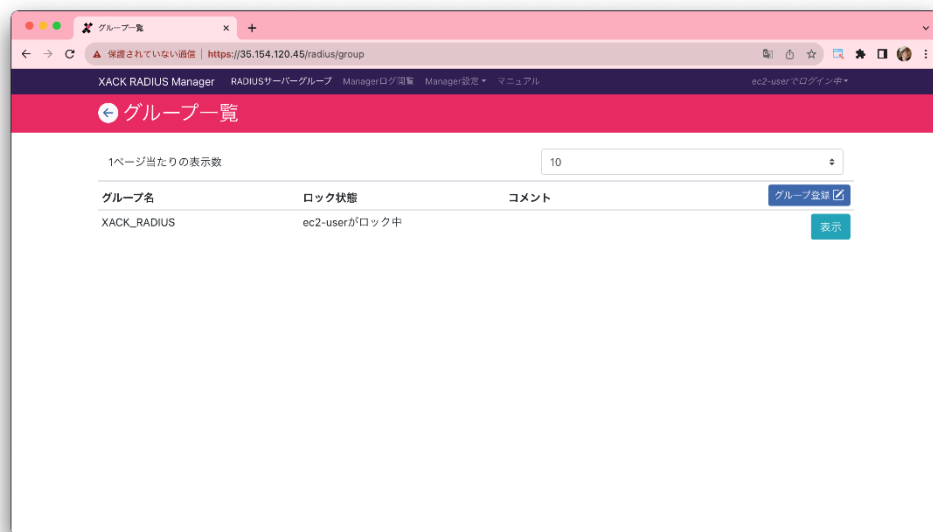     and password are the instance ID of the instance you launched
     .

This is the screen immediately after logging in.

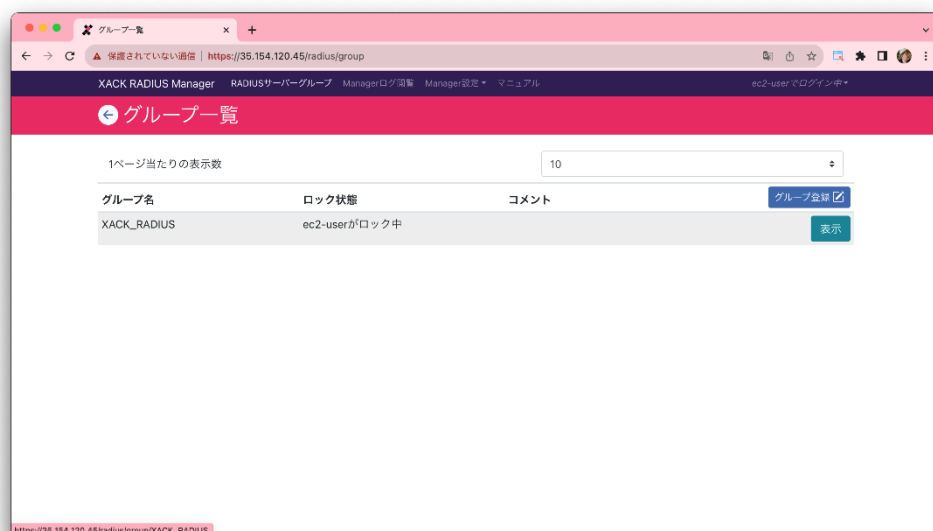12. Select RADIUS Server Groups to view RADIUS server groups
.

This is a list of RADIUS server groups.



The "XACK_RADIUS" group is registered.



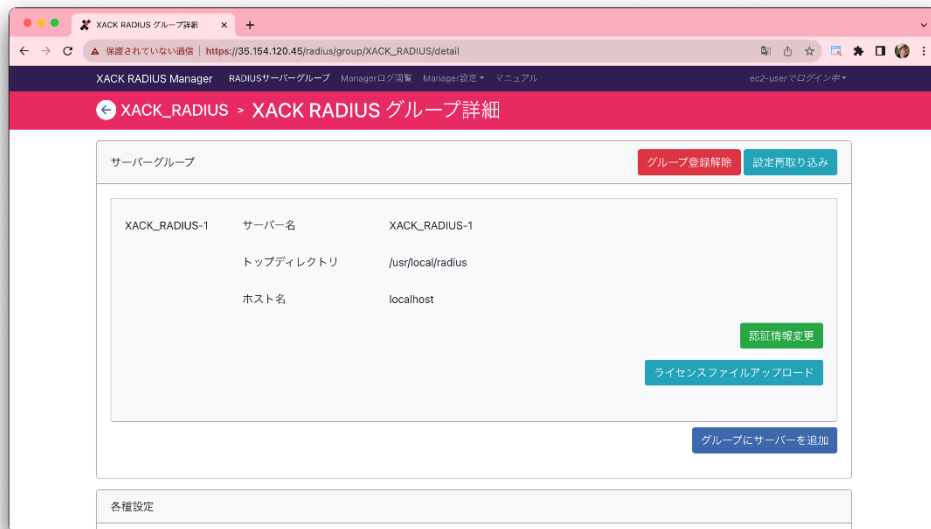Click the [View] button to the right of the group name "XACK_RADIUS".

The "XACK_RADIUS" group is displayed.
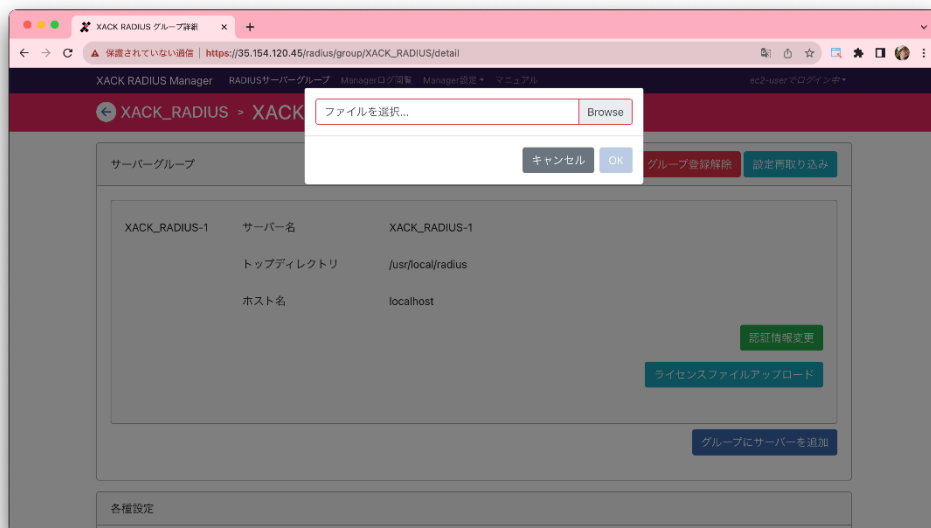
13. Install the license file:



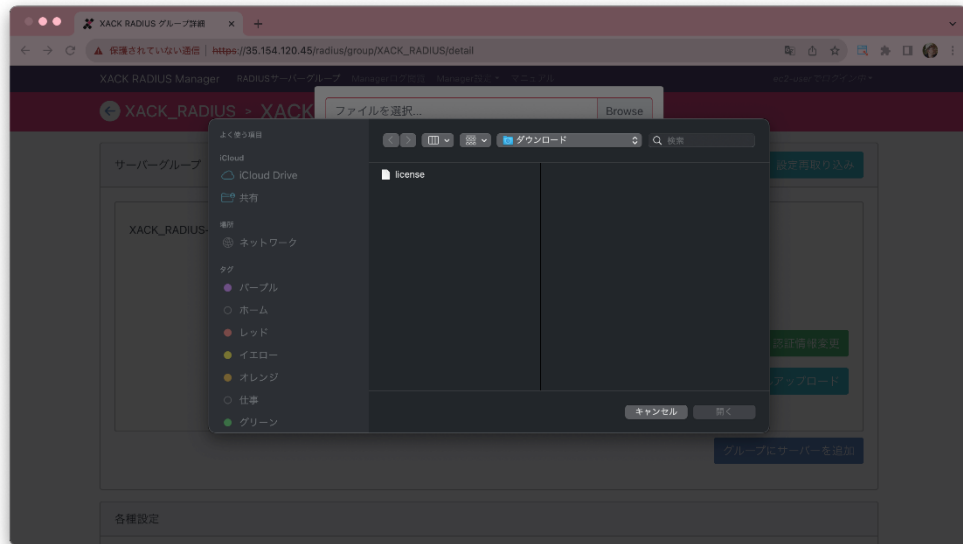Press the [⚙] button．　This is the
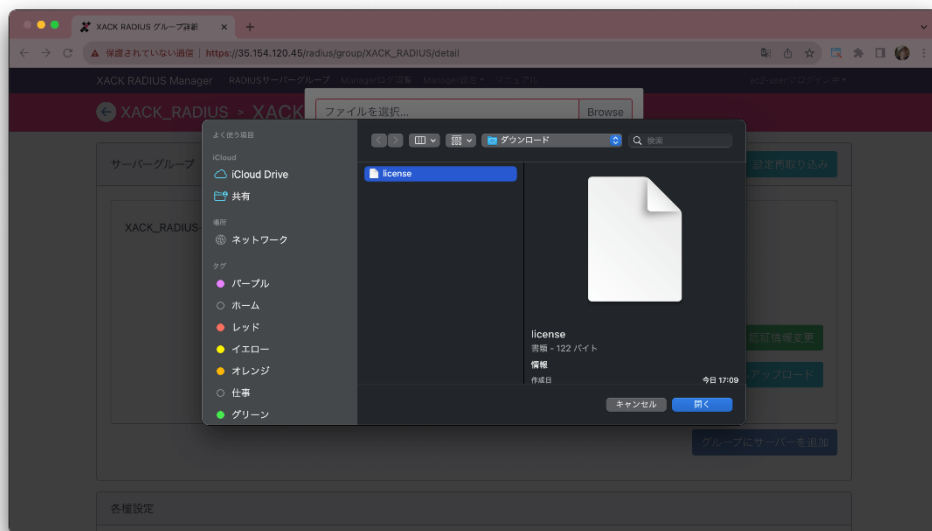
"XACK RADIUS Group Details" screen.



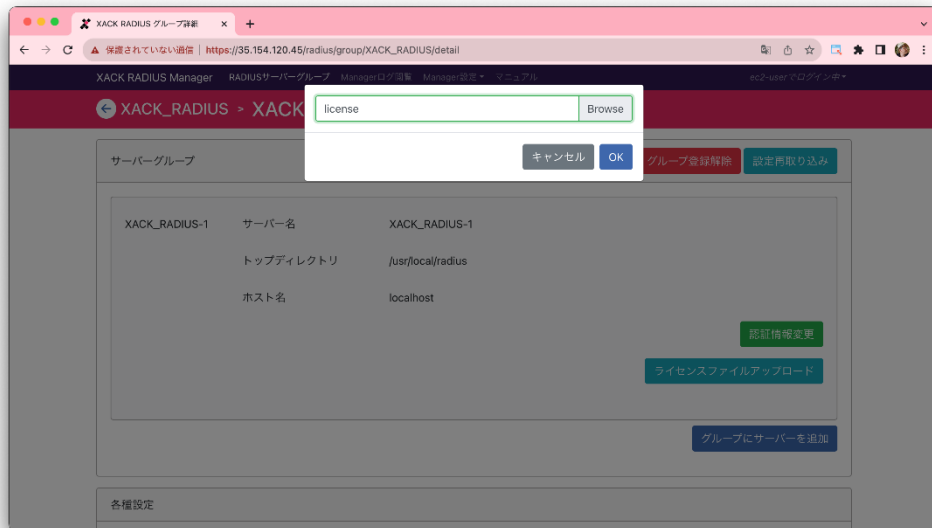To install the license file, click the [Upload License File] button.



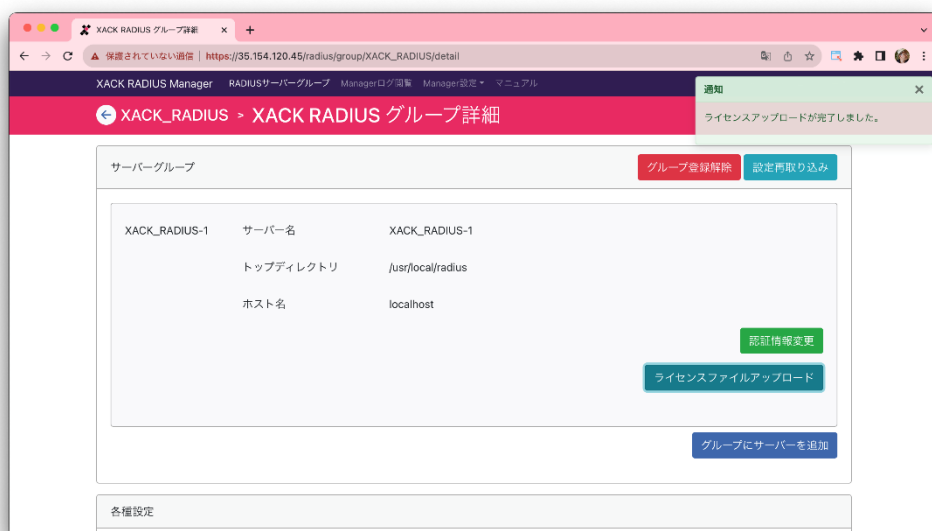Press the [Browse] button to display the file selection screen.

The file selection screen differs depending on the OS. The figure above shows the file selection screen of macOS.



Specify the license file received in item 1 from the file selection screen.

Confirm that the file name of the file you just specified is listed in the pop-up window, and then press the [OK] button.



If the message "License upload completed" is displayed in the upper right corner, the installation of the license file has been successful. If you see anything else, the license file may be corrupted or you may have selected the wrong file, so please check again and contact us if the situation does not change.

Select [XACK_RADIUS] on the left side of "XACK RADIUS Group Details" to
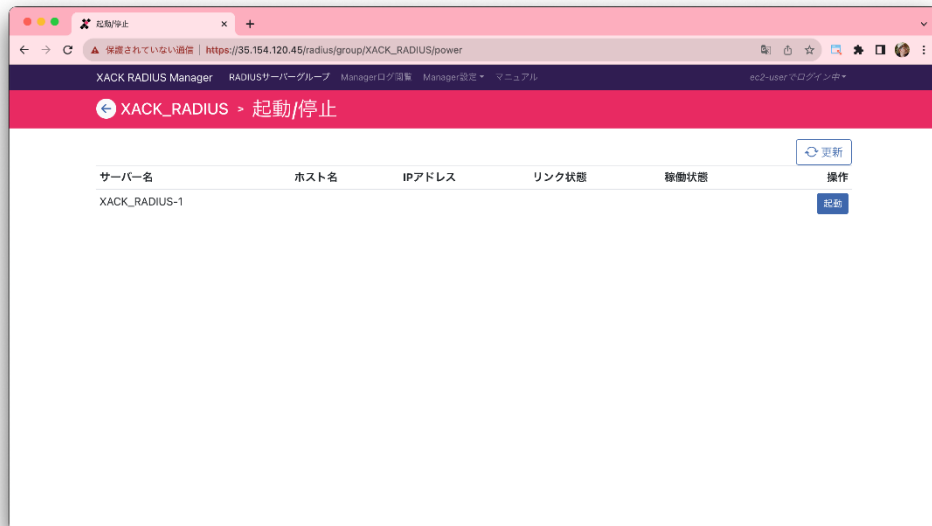
display the "XACK_ RADIUS" group.
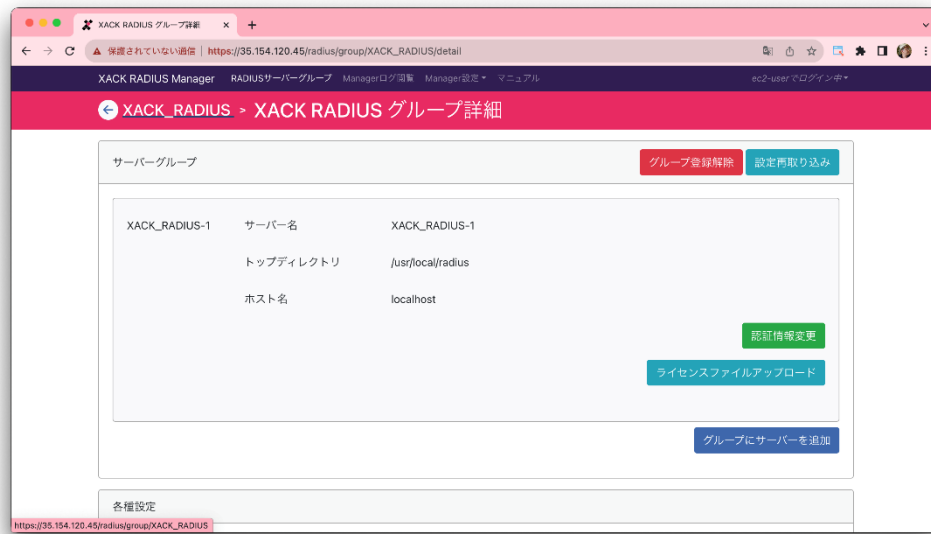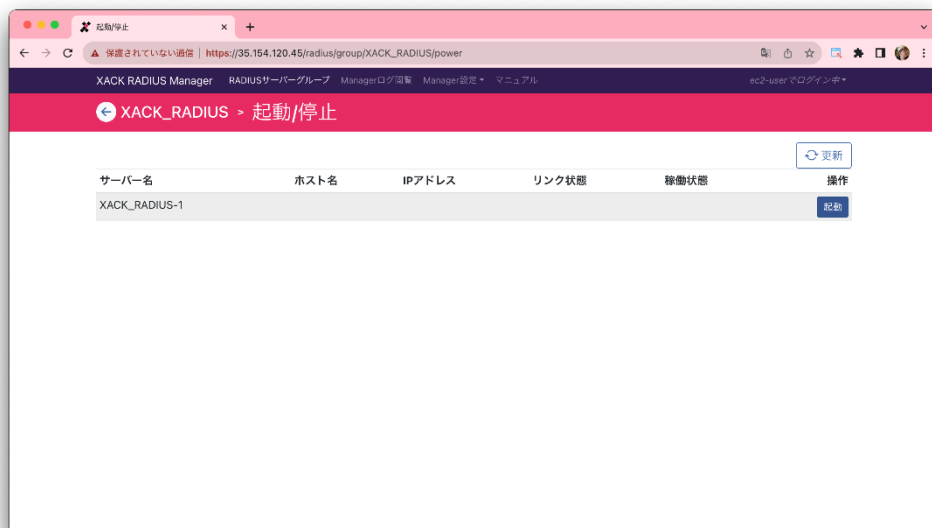


14. Start XACK RADIUS and press the



[Start/Stop] button in the "Operation" menu.
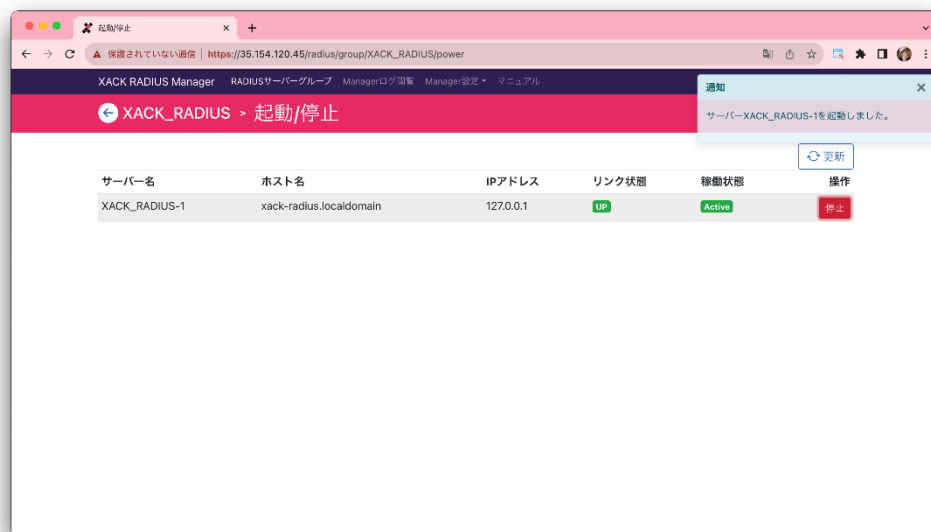
This is the "Start/Stop" screen.

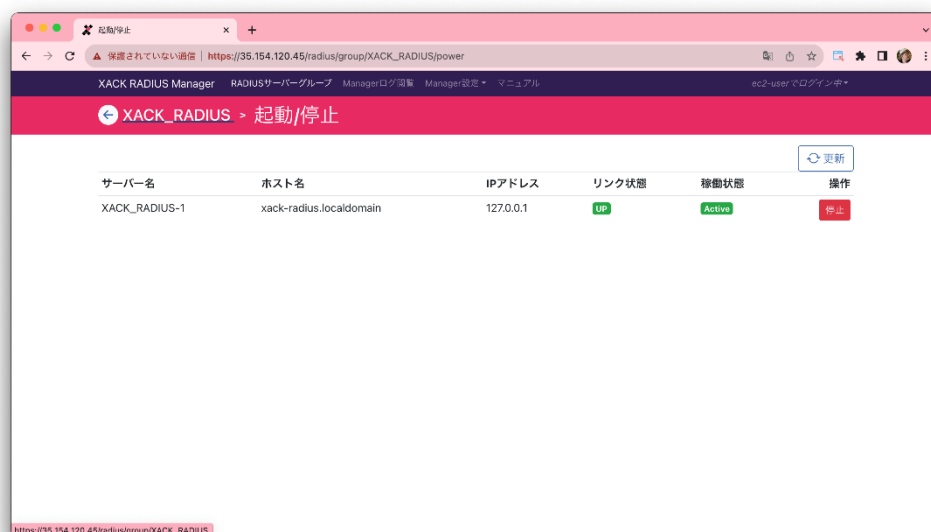Since the server name "XACK_RADIUS-1" is stopped, press the [Start] button on the right side.



If it starts correctly, "Server XACK_RADIUS-1 has been started" in the upper right

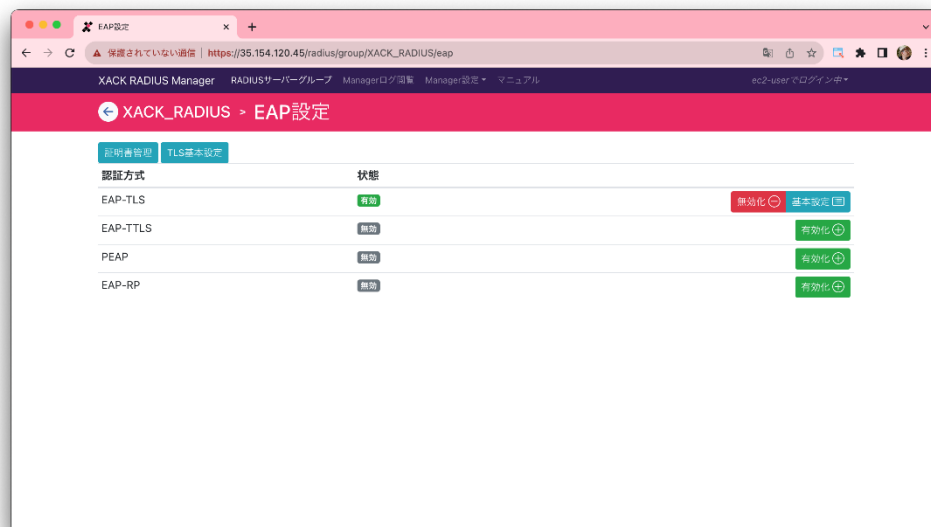corner as shown in the figure below. is displayed.



Select [XACK_RADIUS] on the left side of "Start/Stop" to display the "XACK_RADIUS" group.

15. Change EAP Authentication TypeIn
    the initial state, only EAP-TLS is enabled, so change the EAP authentication type.
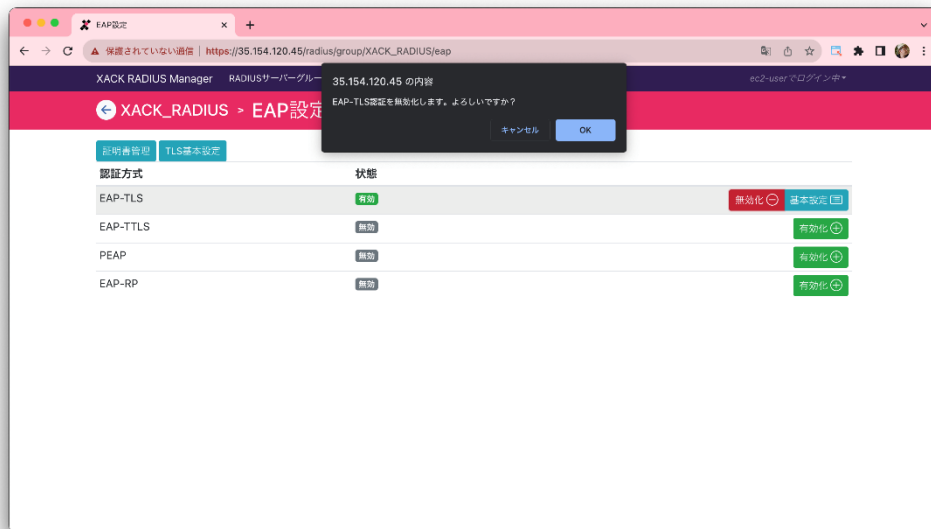


Press the [EAP Settings] button on the "XACK_RADIUS" group screen. This

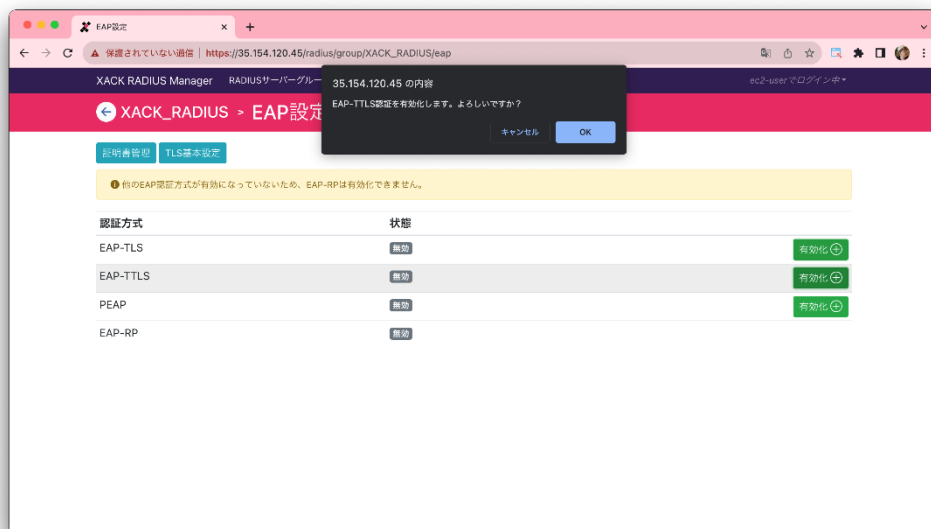is the "EAP Settings" screen.



By default, EAP-TLS is enabled, so the status is "Enabled", and the [Disable] and
[Basic Settings] buttons are enabled.

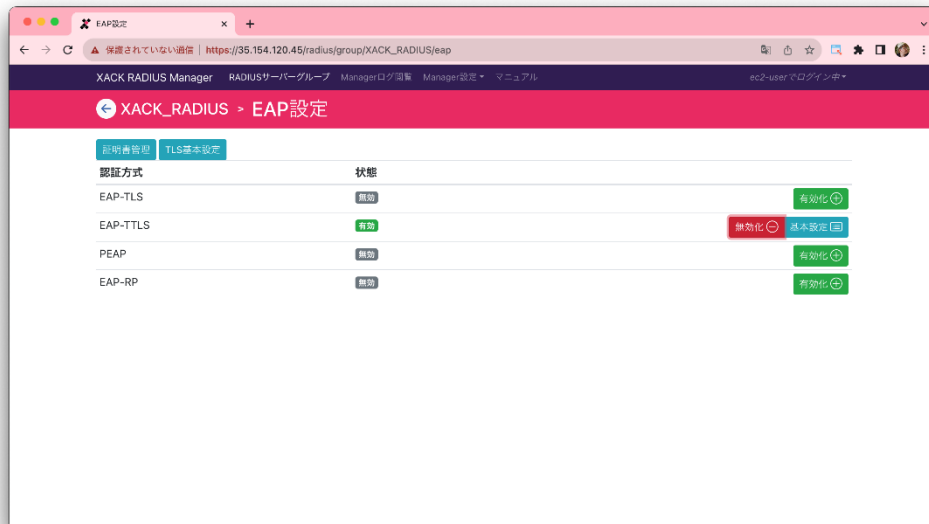Press the [Disable] button of EAP-TLS, and then press the [OK] button in the

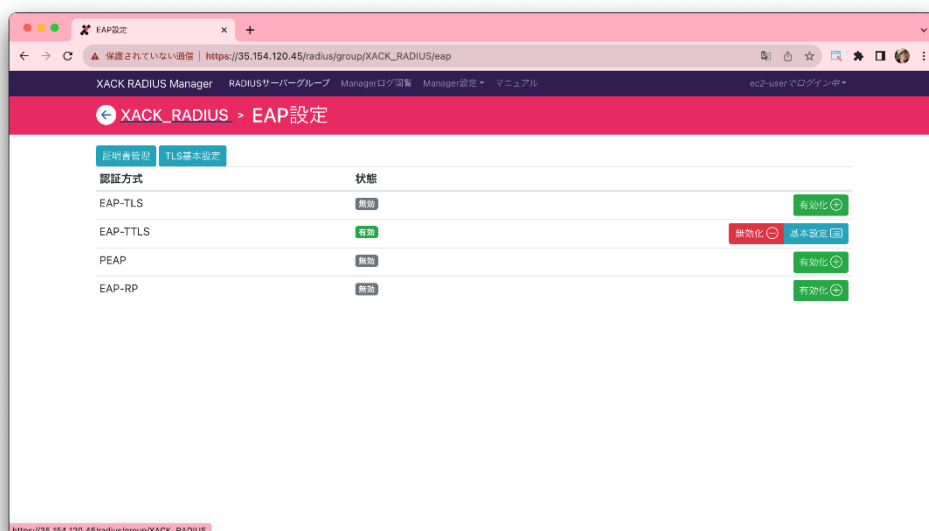confirmation window that pops up.



Press the [Enable] button of EAP-TTLS, and then press the [OK] button in the confirmation window that pops up.



Only EAP-TTLS is enabled.　Select

[XACK_RADIUS] on the left side of "EAP Settings" to return to the "XACK RADIUS" group screen.



You will return to the "XACK_RADIUS" group screen, but due to the previous

change, "EAP Settings" is displayed as "Not reflected" in red. The current state is that the settings have been made on the GUI (XACK RADIUS Manager) side, but they have not been reflected in the RADIUS server (XACK RADIUS).
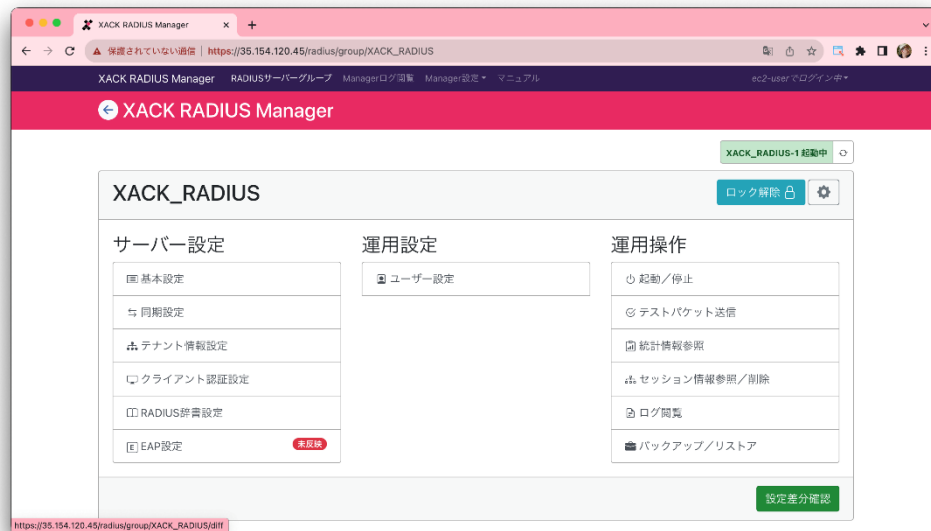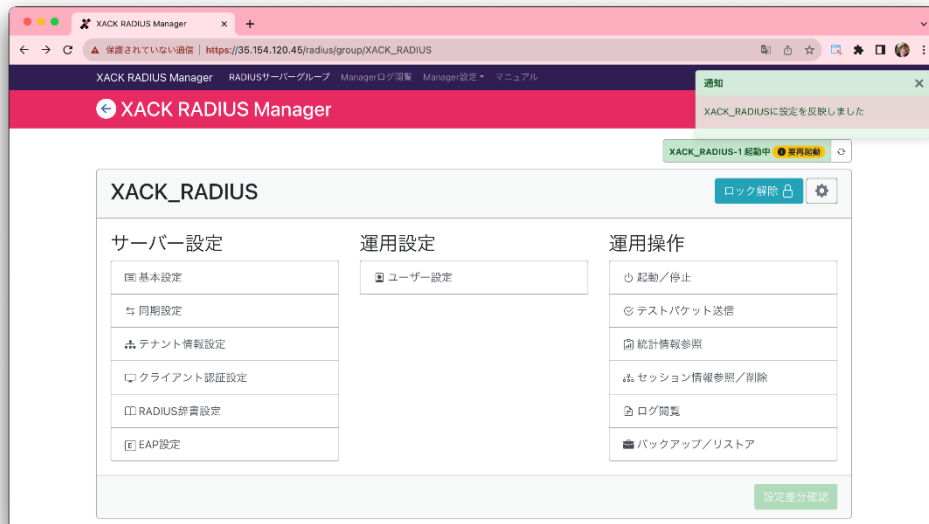


Click the [Check setting difference] button at the bottom right.

The difference will be displayed, and you can choose whether to keep it or discard it.
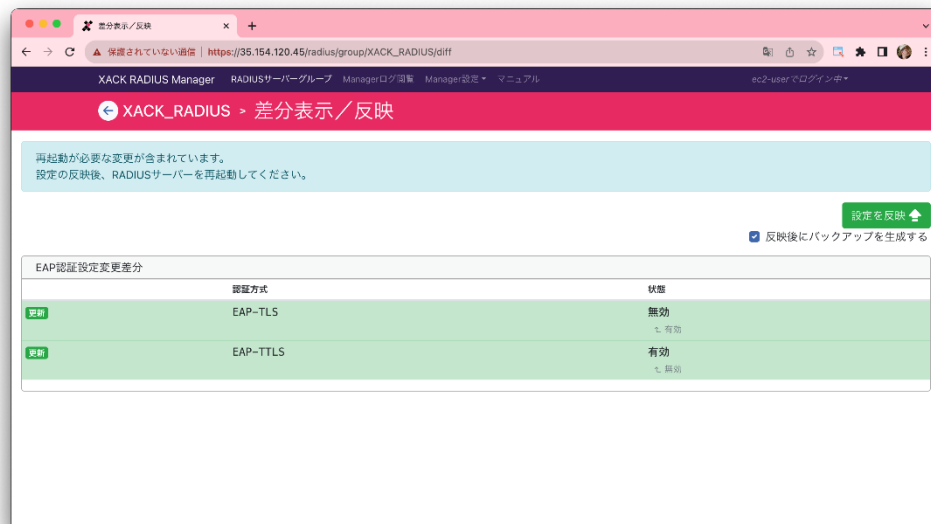


Since there is no problem with the settings, press the [Apply settings] button in the upper right.

In the upper right corner, "Reflected settings in XACK_RADIUS" is displayed, so it has been correctly reflected in XACK RADIUS.



"Reboot required" is displayed on the right side of the "XACK_RADIUS-1 Running" display in the upper right. This indicates that the configuration file on the XACK RADIUS side has been rewritten, but the process needs to be restarted before it can be read by the RADIUS process.
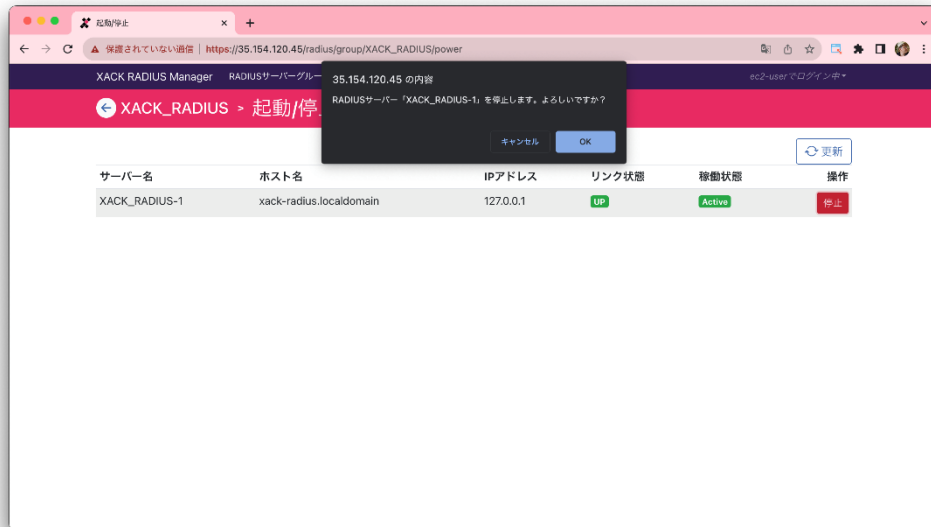
Press the [Start/Stop] button in the "Operation" menu to display the "Start/Stop" screen.
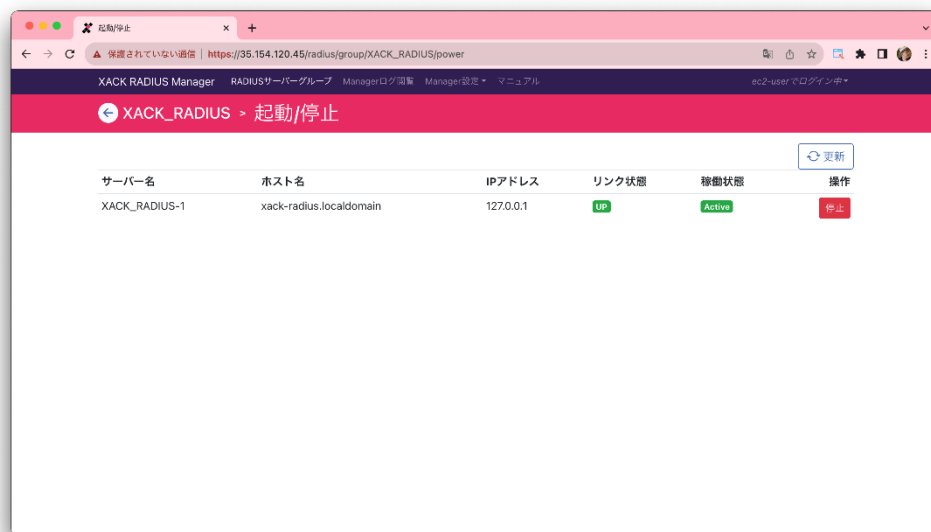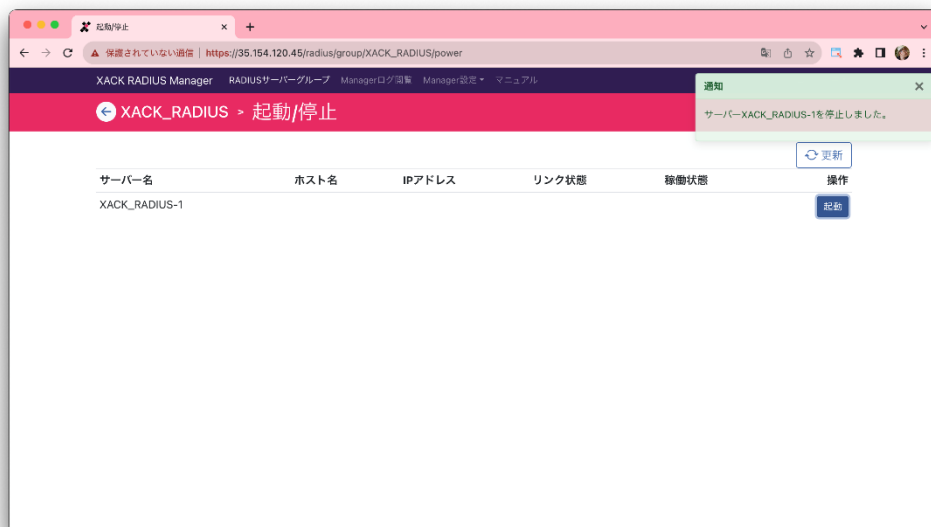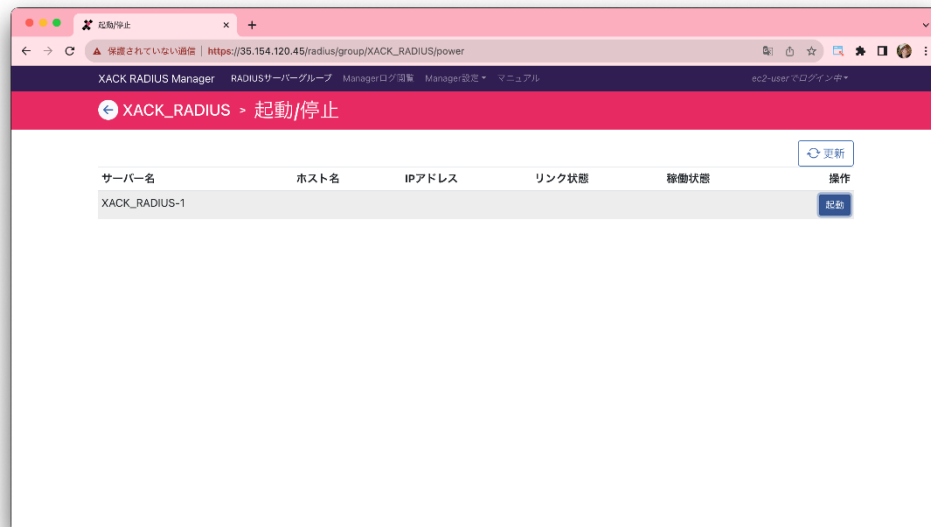


Press the [Stop] button on the right side.
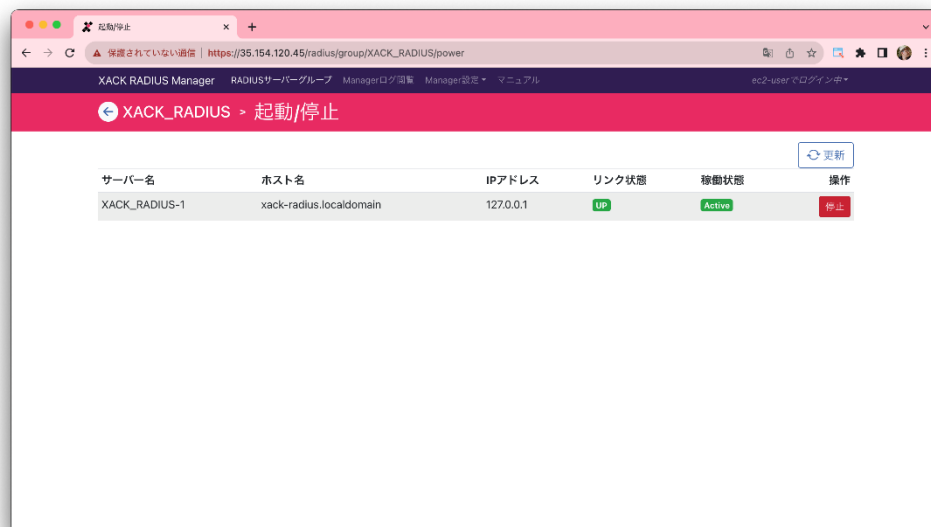
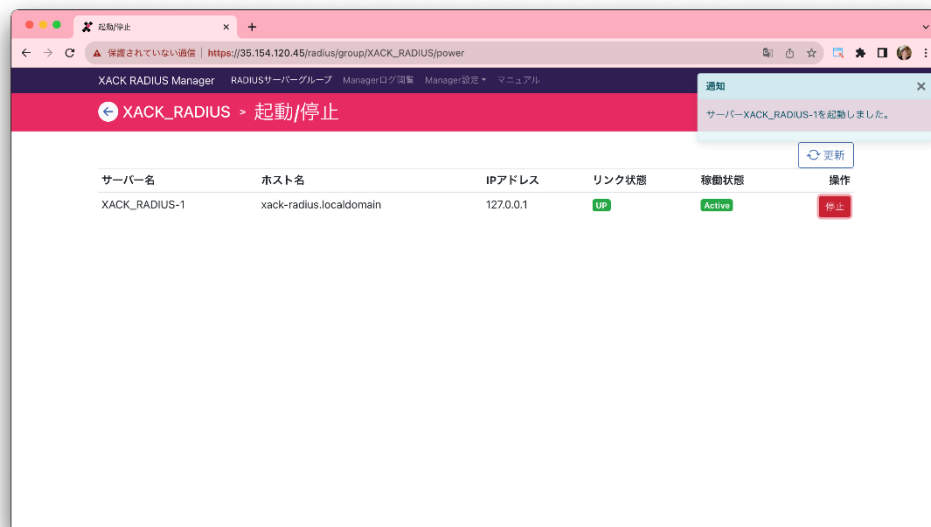When the confirmation pop-up window appears, press the [OK] button.



In the upper right corner, "Server XACK_ RADIUS-1 has been stopped." is displayed, so the stop was performed correctly.
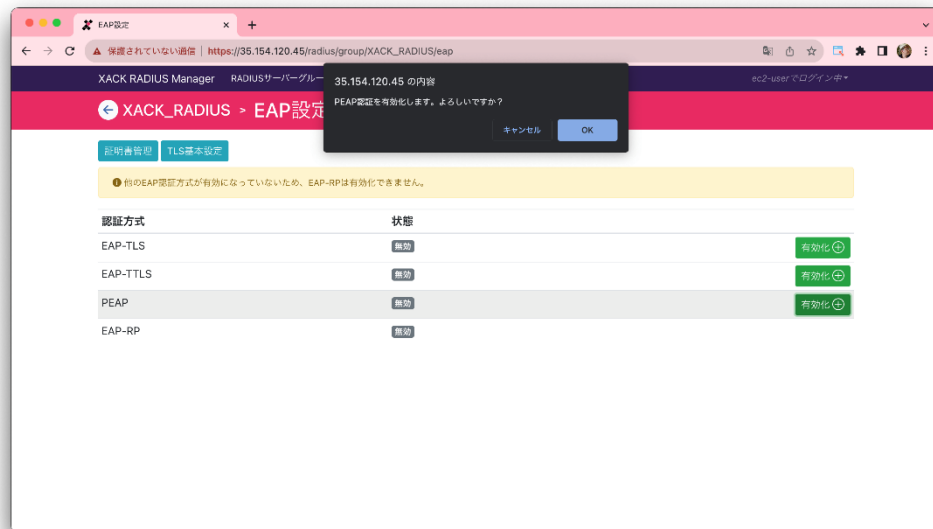
Press the [Start] button on the right side.



In the upper right corner, "Server XACK_ RADIUS-1 has been started." is displayed, so the RADIUS server was started correctly.
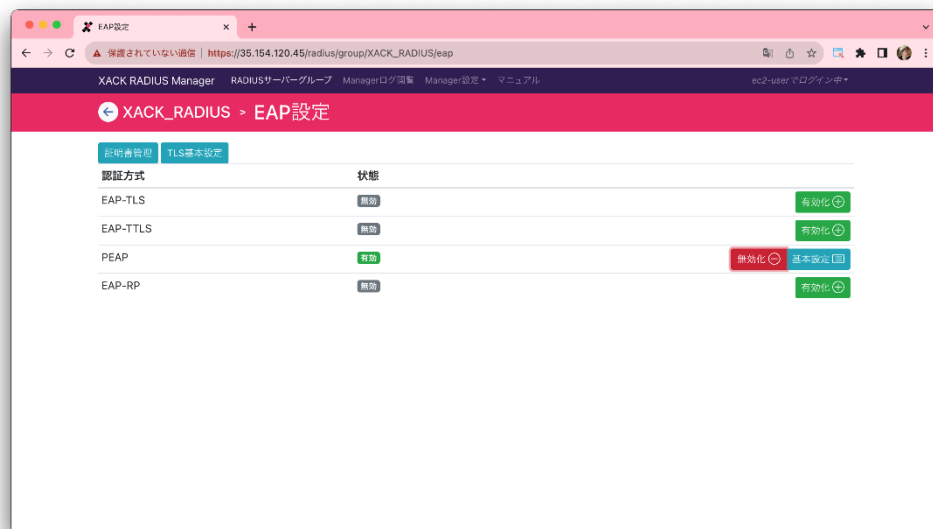


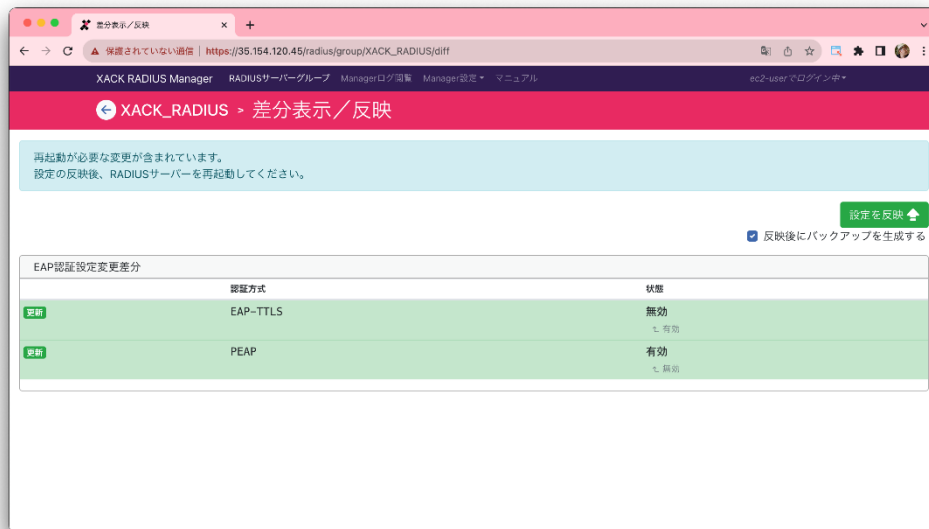This completes the change from EAP-TLS to EAP-TTLS.

Similarly, it is a screen to change to PEAP authentication.



Only PEAP authentication is enabled.

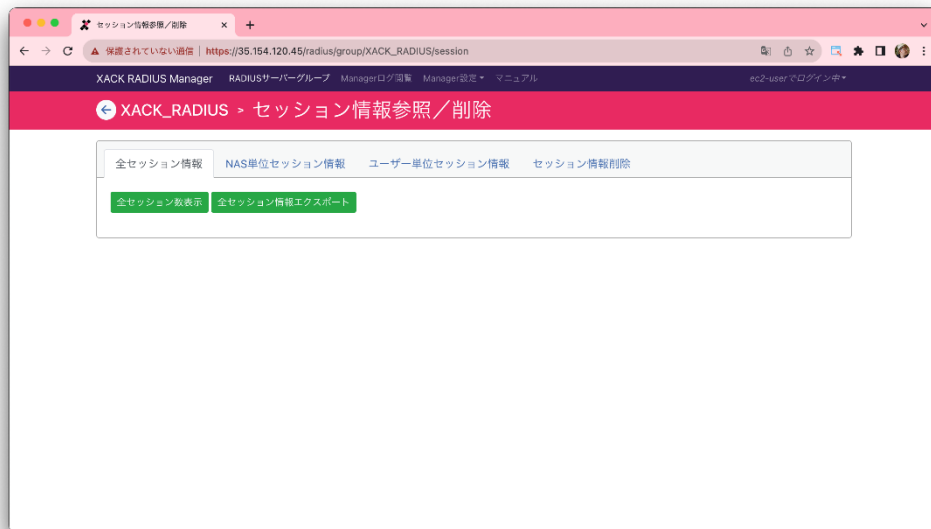This is the "Diff Display/Reflection" screen.
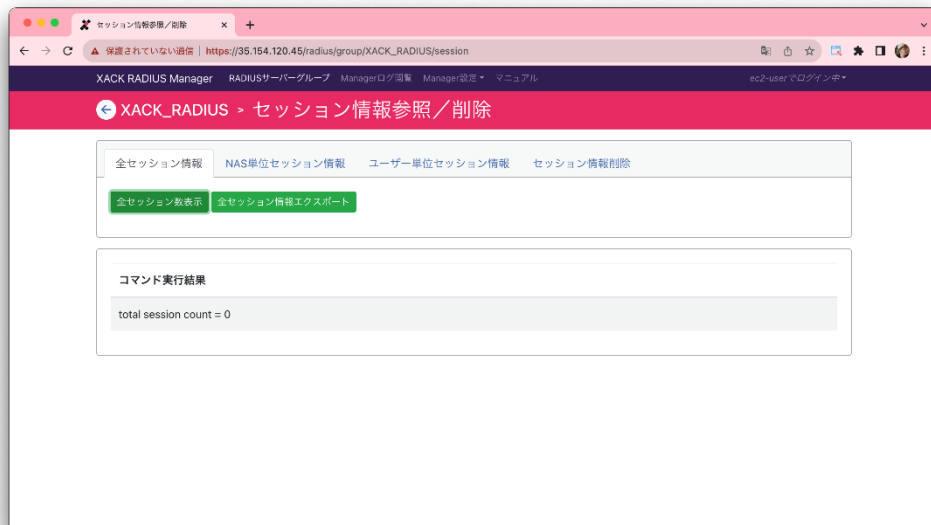


16. Display session information:
    Press the [View/Delete Session Information] button in the "Operation" menu.

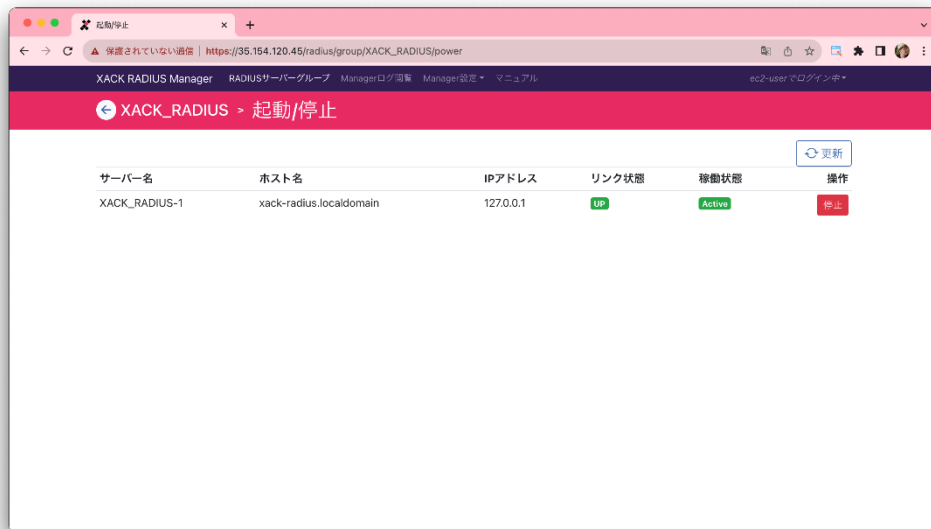This is the "View/Delete Session Information" screen.



By pressing the [Display all sessions] button, the total number of sessions is displayed.
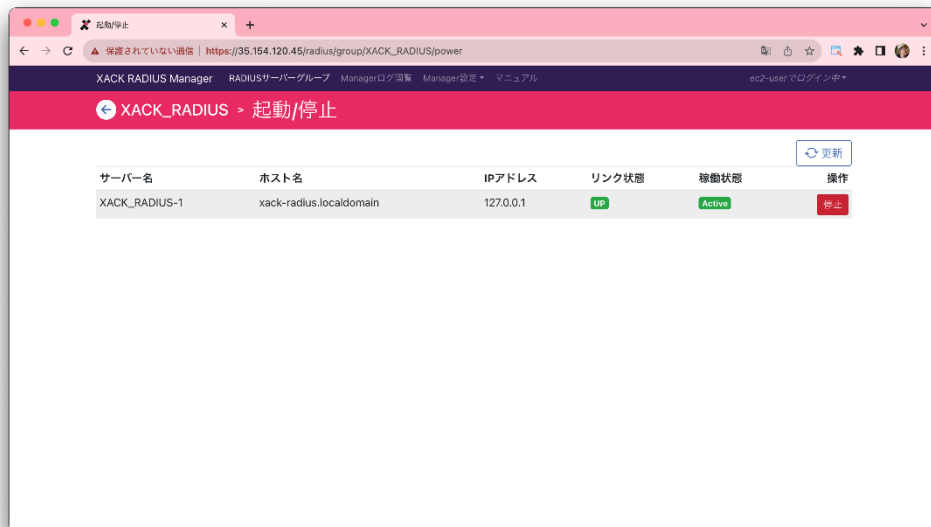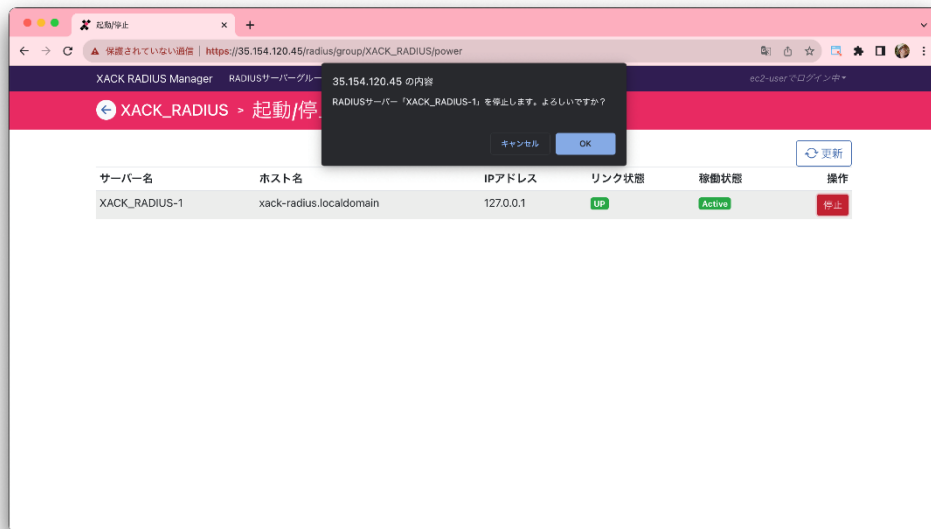
17. Stop XACK RADIUS:
    Press the [Start/Stop] button in the "Operation" menu to display the "Start/Stop"
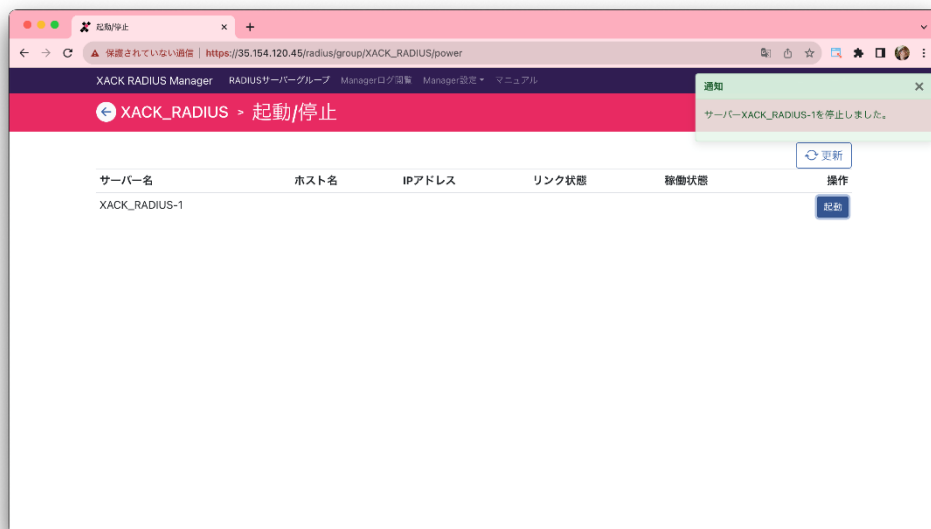    screen.



Press the [Stop] button on the right side.

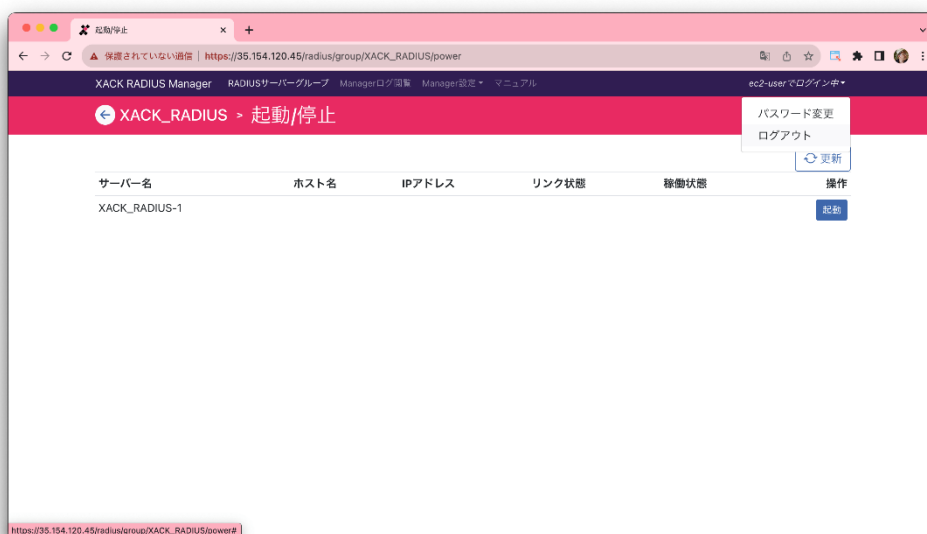When the confirmation pop-up window appears, press the [OK] button.



In the upper right corner, "Server XACK_ RADIUS-1 has been stopped." is displayed, so the stop was performed correctly.
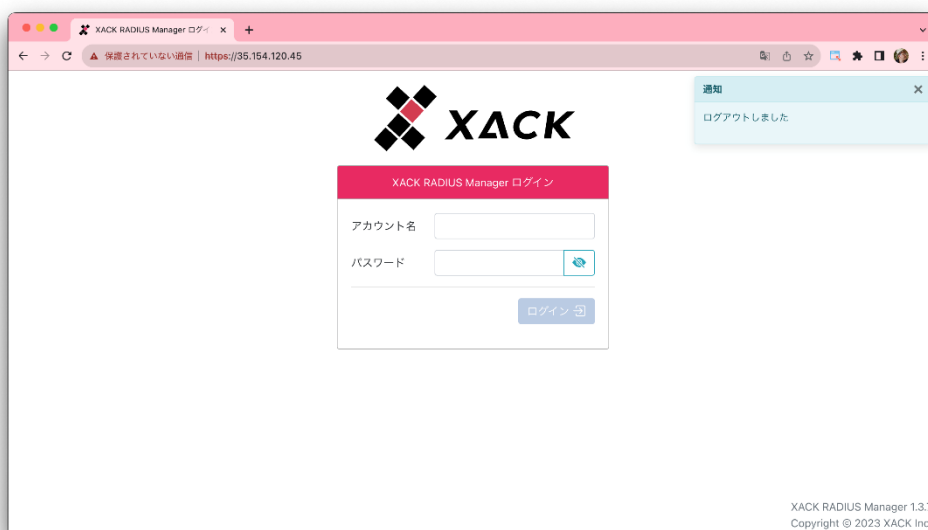
18.

If you press the [Logged in with ec2-user] menu in the upper right corner of the logout screen, the [Logout] button will be displayed, so press it.



You were able to log out correctly.



[Reference]　　　https://docs.aws.amazon.com/ja_jp/AWSEC2/latest/UserGuide/ec2-launch-instance-wizard.html#liw-quickly-launch-instance

◆　License Extension

Contact the contact information below to obtain a license file. You can download the

license file from the13Follow the steps in to install it.

◆ Precautions

◆ Inquiries
  ➢ Technical inquiries such as functions, specifications, and operations
    support@xack.co.jp
  ➢ Sales inquiries such as prices, evaluation period extensions, transaction conditions, etc.
    promotion@xack.co.jp

* Thank you for your cooperation in the questionnaire.
  https://docs.google.com/forms/d/e/1FAIpQLSdlicTW0tvy3YMrkJkzW4CnAL3sRrR69o phTxs5TSlOG1ubQQ/viewform?usp=sf_link