

# PeerIQ User Guide

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## Purpose of this Guide

The purpose of this guide is to familiarize you with the process of deploying and configuring PeerIQ and introducing you to using PeerIQ. If you experience any issues, please contact [support@peersoftware.com](mailto:support@peersoftware.com).

## Product Overview

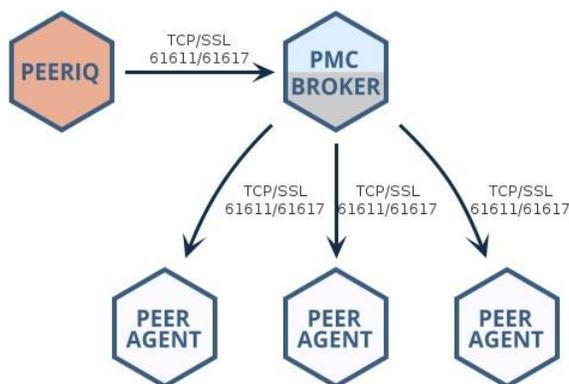
PeerIQ is a comprehensive monitoring tool designed to provide real-time and historical insights into your PeerGFS environment. With the ability to store up to four weeks of history, PeerIQ enables users to effectively manage and monitor their jobs, Peer Management Center (PMC), and connected Agents.

PeerIQ is a web-based application and is deployed via a virtual appliance. The PeerIQ virtual appliance is compatible with various platforms, including:

- Hyper-V on Windows Server 2016, 2019, and 2022
- VMware ESXi 6.7, 7.0, and 8.0
- Nutanix AHV

The virtual appliance enables easy deployment and use, reducing the setup and configuration time required.

PeerIQ seamlessly integrates with your existing PeerGFS environment, connecting to your PeerGFS system using the same broker network that links the PMC and Agents. This connection utilizes the same SSL and TCP connections on ports 61616 and 61617, ensuring secure communication between the various Peer components in your environment.



# Requirements

## Hardware Requirements

The PeerIQ virtual appliance is a preconfigured virtual machine image designed for optimal performance. This virtual environment requires a minimum of 4 CPU cores, 8 GB RAM and a 120 GB virtual disk (thick provisioning recommended and Fast SSDs) to ensure smooth operation.

## Hardware Settings

For proper operation, it is crucial to ensure time synchronization between the PMC and the virtual appliance server. By default, the PeerIQ appliance utilizes NTP (Network Time Protocol) and synchronizes with [ubuntu.pool.ntp.org](https://ubuntu.pool.ntp.org) to maintain accurate time.

However, if you are using an ESXi node, it's important to note that host guest time synchronization is enabled and takes precedence over NTP time. This means that time synchronization within the ESXi environment will be prioritized.

## Software Requirements

The PeerIQ application is a web-based application that can be accessed using one of the following browsers.

- Mozilla Firefox
- Microsoft Edge
- Google Chrome

## Logging into PeerIQ

This section describes logging into PeerIQ for the first time. You must immediately change your password and then log in again.

To log into PeerIQ:

1. Open a web browser.
2. Enter the IP address for PeerIQ in the address bar (usually <https://peeriq<MAC.Address>>).

If you don't know the IP address, you can obtain it from your hypervisor platform or from the PeerIQ virtual appliance console interface. Notice that, on the first boot of the PeerIQ virtual appliance, the console also displays the default PeerIQ login credentials

```
Welcome to the PeerIQ VM.
* Support:      https://www.peersoftware.com/support/
* Knowledge Base: https://kb.peersoftware.com/peerkb/

Web Login https://172.16.0.41/

* Username: admin
* Password: password

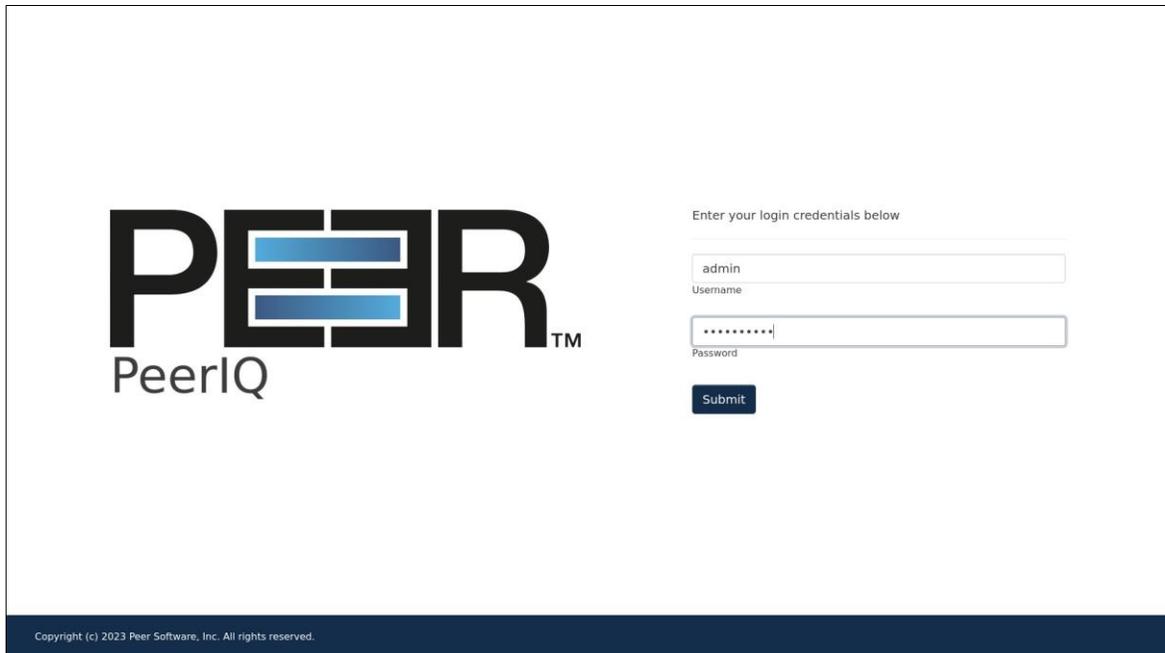
Please login to the VM using the console below to configure
system settings.

Console Default login

* Username: peersoftware
* Password: password

Ubuntu LTS PeerIQ000c2973f5f9 tty1
PeerIQ000c2973f5f9 login: _
```

3. In the login page, enter the default credentials: **admin** and **password**.



Enter your login credentials below

admin  
Username

password  
Password

Submit

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4. Click **Submit**.

The End User License Agreement (EULA) is displayed on the login page the first time you log in. You must accept the EULA to use PeerIQ.

5. Click the **Accept terms and conditions** checkbox to accept the license agreement.

**EULA**

Please review the license terms before using PeerIQ.

PLEASE READ THIS AGREEMENT CAREFULLY. BY CHECKING THE "ACCEPT" BUTTON BELOW, OPENING THE PACKAGE, DOWNLOADING THE SOFTWARE, OR USING THE SOFTWARE, YOU ARE AGREEING TO BE BOUND BY THIS AGREEMENT. IF YOU DO NOT AGREE TO ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT, CLICK THE "DO NOT ACCEPT" BUTTON AND THE INSTALLATION PROCESS WILL NOT CONTINUE. RETURN THE SOFTWARE TO THE PLACE OF PURCHASE FOR A FULL REFUND, OR DO NOT DOWNLOAD THE SOFTWARE. IF YOU ARE ENTERING INTO THIS AGREEMENT ON BEHALF OF A CORPORATION OR OTHER LEGAL ENTITY, YOU REPRESENT THAT YOU HAVE THE AUTHORITY TO BIND SUCH ENTITY TO THIS AGREEMENT. This Peer Software End User License Agreement ("Agreement") is legally binding between the purchasing entity identified on the applicable ordering document (e.g., quote or purchase order) ("Customer") and Peer Software, Inc. ("Peer Software") regarding Customer's purchase, evaluation, and/or license of the Software, as described below. This Agreement is effective as of the earlier of the date set forth on the applicable ordering document or the date that Customer accepted this Agreement as described

Accept terms and conditions

**Important:** Please change the local default login credentials

admin  
Username

.....  
Password The password must contain 1 uppercase character, 1 lowercase character, a special character, a number and be a minimum of 8 characters.

.....  
To confirm, type the new password again.

Save

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6. Change the default username and password of your account.

A password must be at least eight characters in length, contain at least one number, one uppercase character, one lowercase character, and a special character (such as %, \$, #, {, }, ~, ^, \, &).

Once you have accepted the EULA and successfully changed the login credentials, the login page is redisplayed with a success message.

**PEER**  
PeerIQ™

✓ **Success** Changed default User Credentials, please login with the new credentials.

admin  
Username

.....  
Password

Submit

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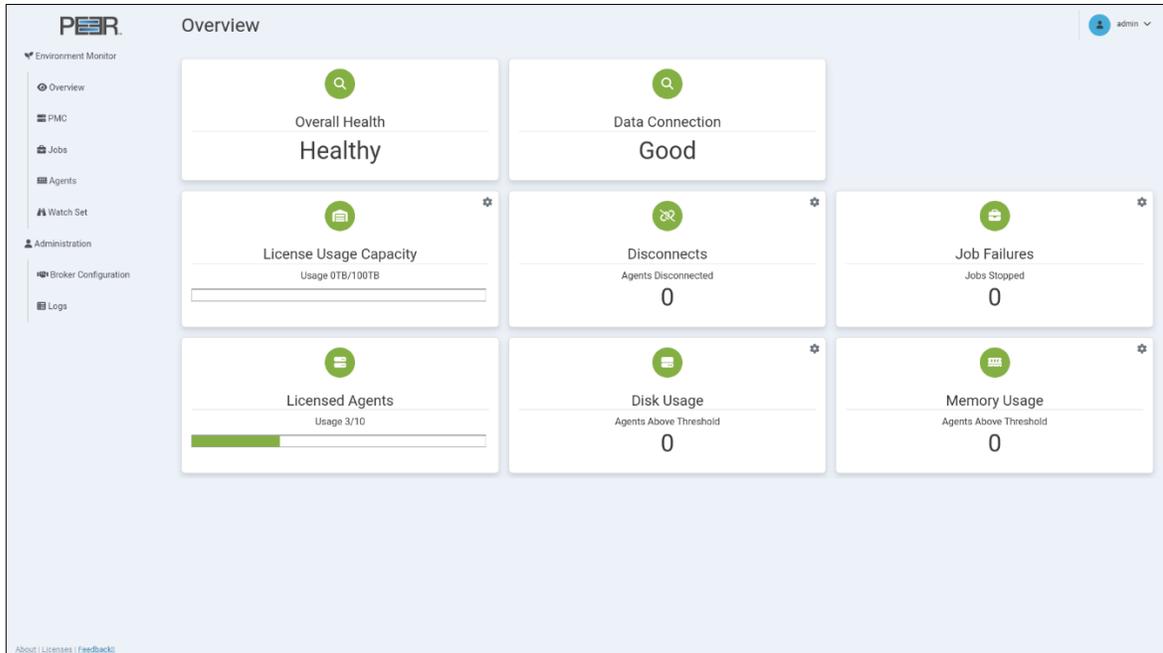
7. Log in again using your new password.

## Managing Your PeerIQ Account

You can manage your PeerIQ account on the **Account** page. For example, you can change your password on the **Account** page.

To access the **Account** page:

1. Click the username at the top of any PeerIQ page.



2. Select **Account**.

The **Account** Page is displayed.

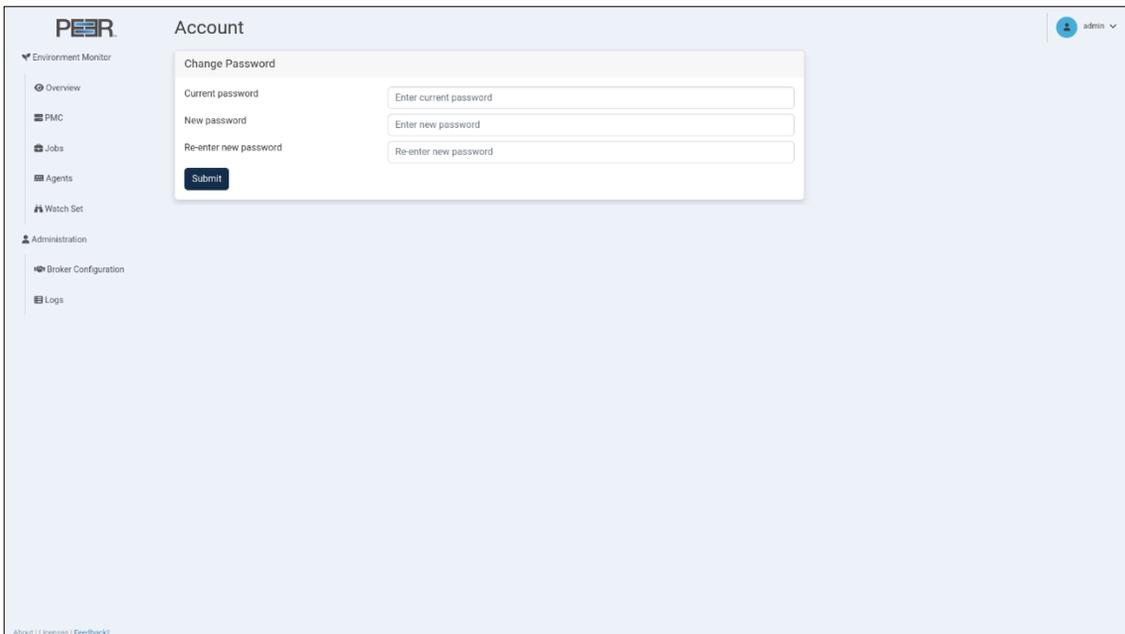
## Changing Your Password

To change your password:

1. Access the **Account** page.
2. In the **Current Password** field, enter your current password.
3. In the **New password** field, enter the new password.

A password must be at least eight characters in length, contain at least one number, one uppercase character, one lowercase character, and a special character (such as %, \$, #, {, }, ~, ^, \, &).

4. In the **Confirm new password** field, re-enter the new password.
5. Click **Submit**.



The screenshot displays the PeerIQ web interface. On the left is a navigation sidebar with the following items: Environment Monitor (expanded), Overview, PMC, Jobs, Agents, Watch Set, and Administration (expanded). Under Administration, there are links for Broker Configuration and Logs. The main content area is titled 'Account' and features a 'Change Password' modal form. The form contains three input fields: 'Current password' with the placeholder 'Enter current password', 'New password' with the placeholder 'Enter new password', and 'Re-enter new password' with the placeholder 'Re-enter new password'. A 'Submit' button is located below the input fields. In the top right corner of the interface, there is a user profile icon and the text 'admin' with a dropdown arrow. At the bottom left of the page, there are small links for 'About', 'Licenses', and 'Feedback'.

## Setting Up Communication between PeerIQ and Peer Management Center

Before you can collect data in PeerIQ, you must set up communication between Peer Management Center and PeerIQ, so that data can flow from the PMC to PeerIQ. This involves two key steps:

1. **Configuring PeerIQ's connection to a broker:** Configure PeerIQ's connection to a Peer Management broker. A broker handles communication between the PMC and other PeerGFS components, such as Peer Agents. It also enables communication between PMC and external applications, including PeerIQ.
2. **Enabling data transfer:** Once the PeerIQ connection to a broker is set up, enable the transfer of data from the PMC to PeerIQ.

For detailed instructions, see the following sections:

- *Configuring PeerIQ's Connection to Peer Management Broker*
- *Enabling Peer Management Center to Send Data to PeerIQ*

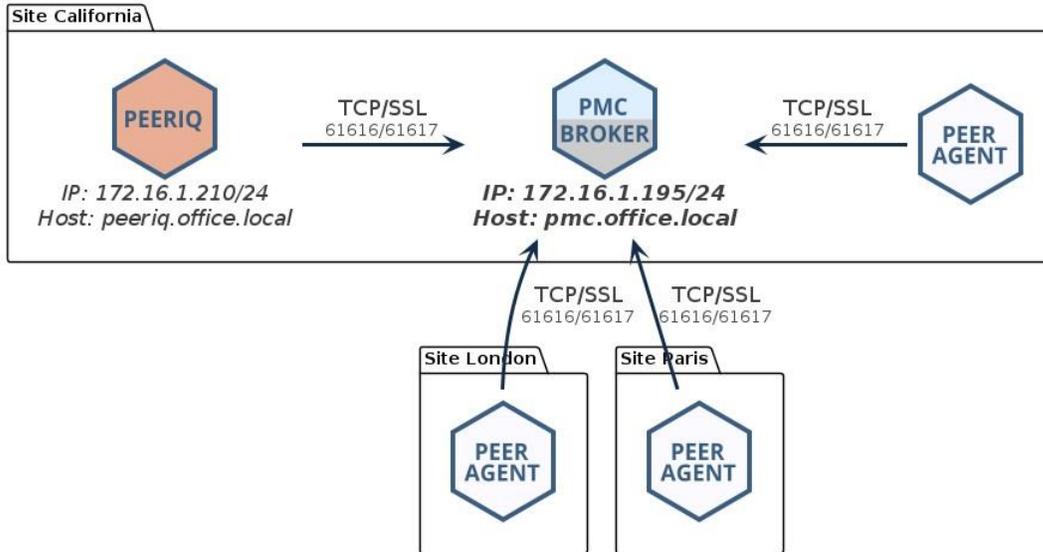
### Configuring PeerIQ's Connection to Peer Management Broker

Depending on your current PeerGFS implementation, there are several ways to connect PeerIQ to a Peer Management broker. This section outlines typical deployments and highlights which IP address or hostname should be used to establish the connection. It then provides step-by-step instructions for setting up the connection.

#### Typical Broker Deployments

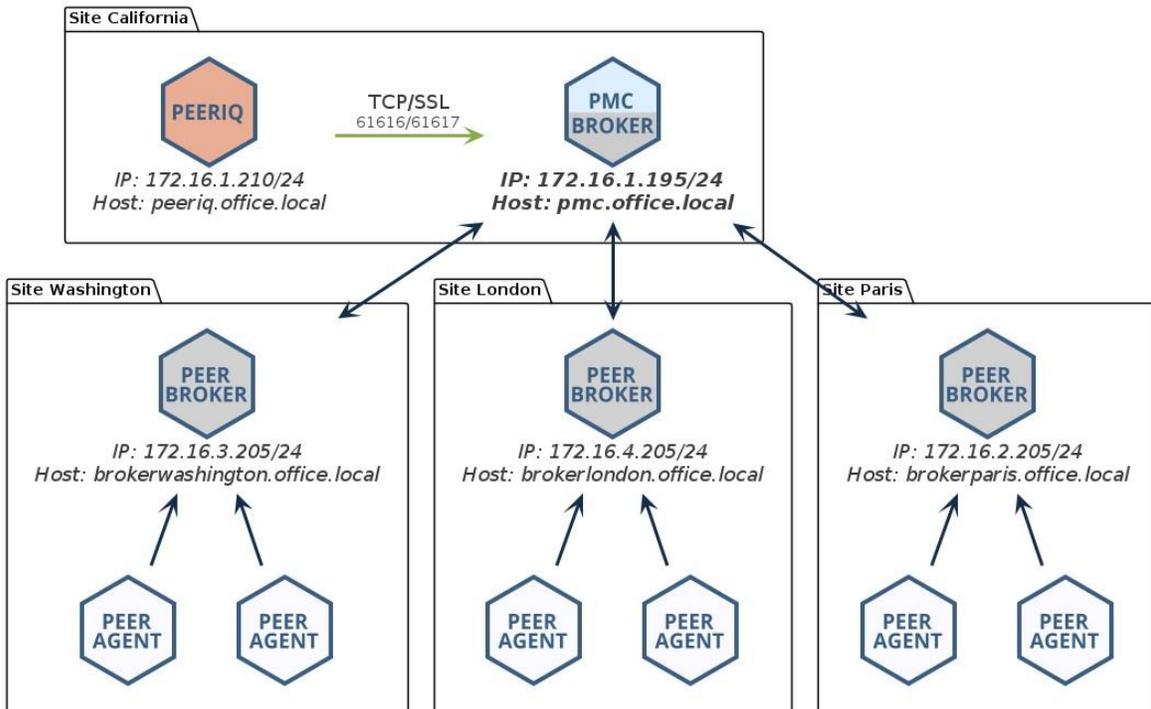
##### Basic Configuration

The most common configuration for a standard PeerGFS deployment involves a single broker deployed on the PMC host. Ideally, in this scenario, PeerIQ is deployed on the same local network as the PMC host. To establish the connection, you can use either the IP address of the PMC host (172.16.1.195 in the following example) or its FQDN (pmc.office.local in the following example).

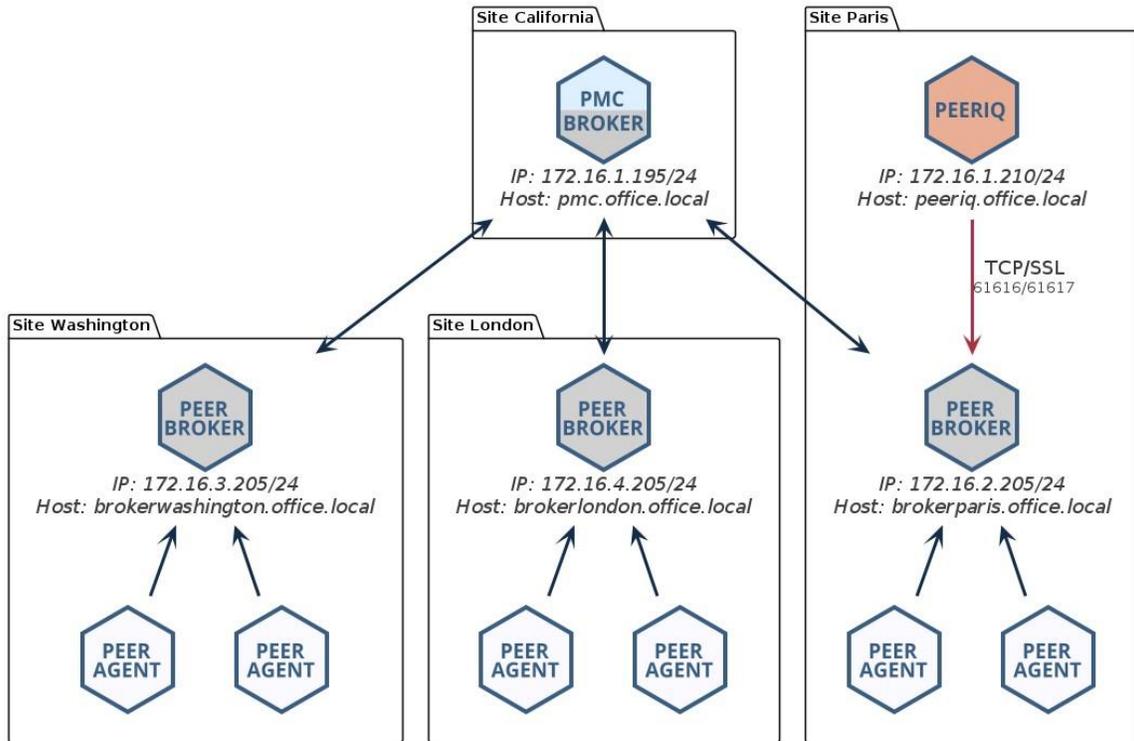


### Network of Brokers

If you have deployed a network of brokers, it is crucial to connect to the IP address of the PMC running the broker if they are on the same host, or to the broker to which the PMC has a direct network connection. In the following example, you could use the IP address 172.16.1.195 or the FQDN pmc.office.local:

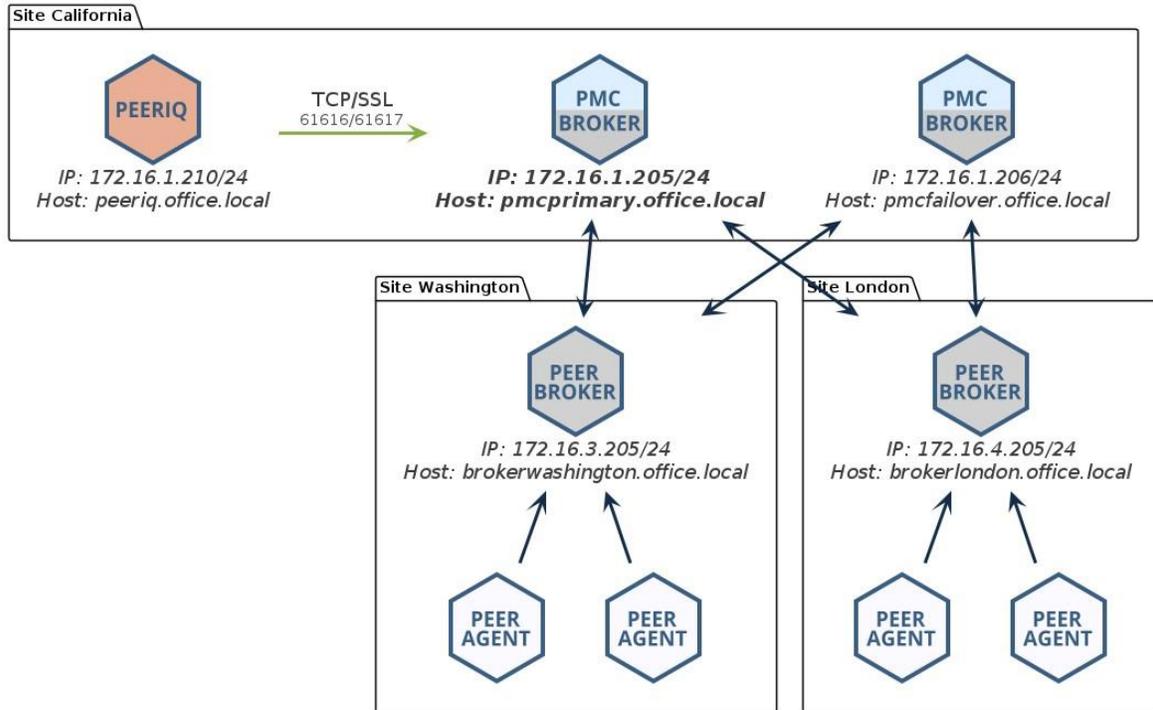


Attempting to connect to another broker in the network will not work and will result in PeerIQ not receiving any data. In the following example, the user is trying to connect to the broker at the Paris site, which does not have a direct link to the PMC:



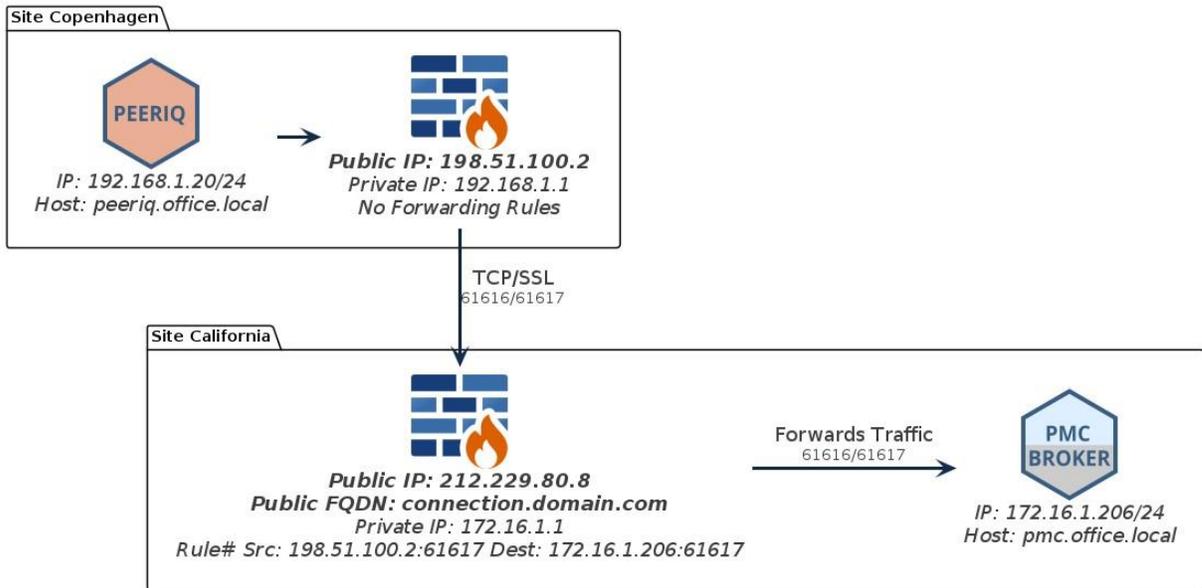
## Redundant PMC

In a redundant PMC configuration, only the primary PMC can be monitored. In the following example, you would connect PeerIQ to the IP address 172.16.1.205 or to the FQDN `pmcprimary.office.local`.



**NAT Firewall**

When connecting PeerIQ to the broker through a NAT firewall, it is essential to set up source and destination rules to forward traffic to the PMC. In the following example, the firewall at the California site is configured to forward all traffic received from IP 198.51.100.2 on port 61617 onto the IP address of the broker. In this example, you would connect to the IP address 172.16.1.205 or to the FQDN connection.domain.local.



## Configuring the Broker Connection

To configure PeerIQ's connection to a broker:

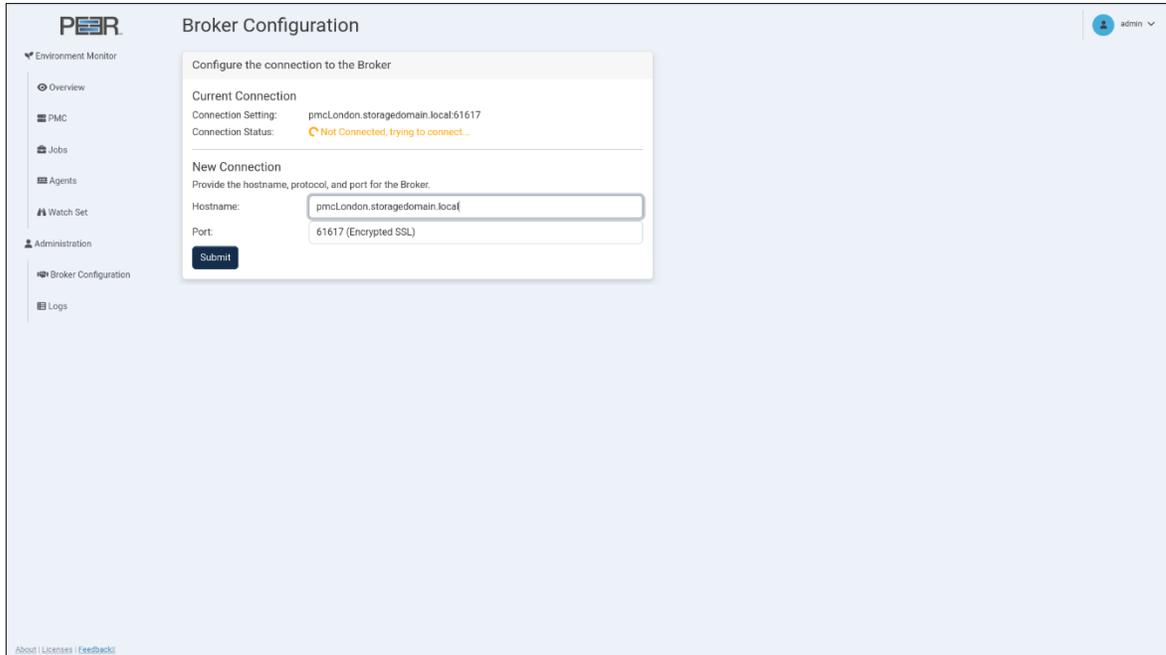
1. Open PeerIQ.
2. Select **Broker Configuration** in the tree on the left.

The Connection Status displays *No Connection*.

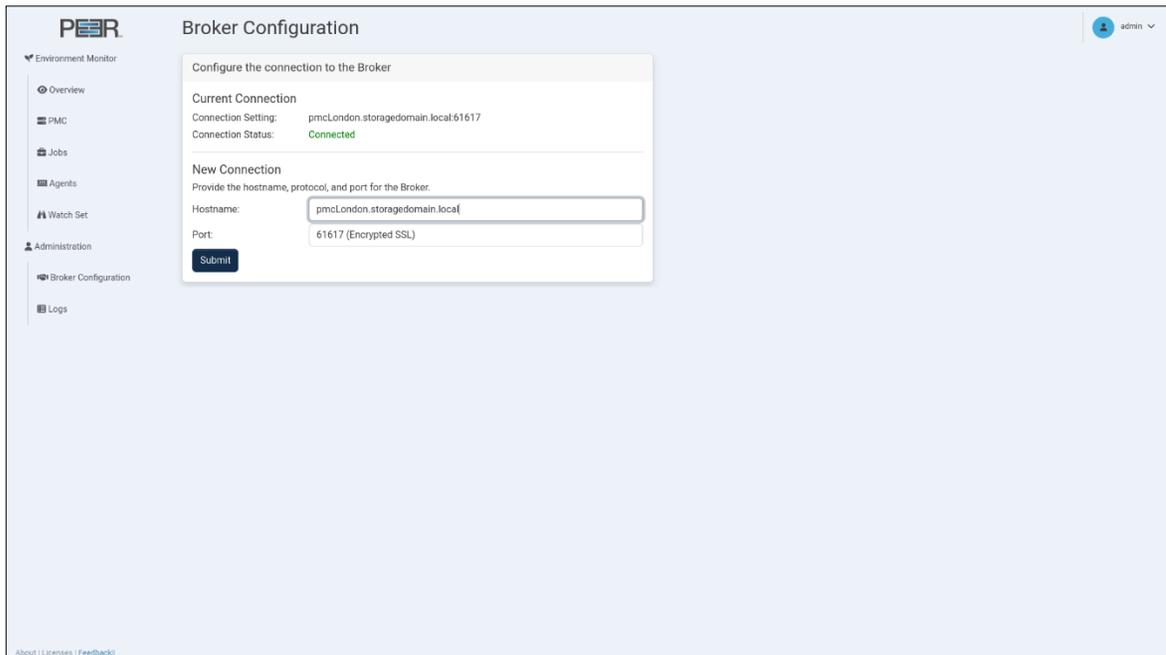
The screenshot displays the PeerIQ web interface for configuring the broker connection. The left sidebar shows a navigation menu with 'Broker Configuration' selected. The main panel is titled 'Broker Configuration' and contains a form with the following elements:

- Current Connection:** Shows 'Connection Setting: ' and 'Connection Status: No Connection'.
- New Connection:** Includes the instruction 'Provide the hostname, protocol, and port for the Broker.' and two input fields:
  - Hostname: pmcLondon.storageDomain.local
  - Port: 61617 (Encrypted SSL)
- A **Submit** button is positioned below the port field.

3. In the **Hostname** field, enter the IP address or the FQDN of the broker.
4. Choose between an encrypted SSL 61617 connection or a standard TCP connection on 61616.
5. Click the **Submit** button.



The Connection Status will change to *Not Connected, trying to connect...* This status will persist until the connection is established, which can take up to a minute. Once connected, the status will change to *Connected*.



6. If the status does not change, refer to the *Connection Issues* section.

### Connection Issues

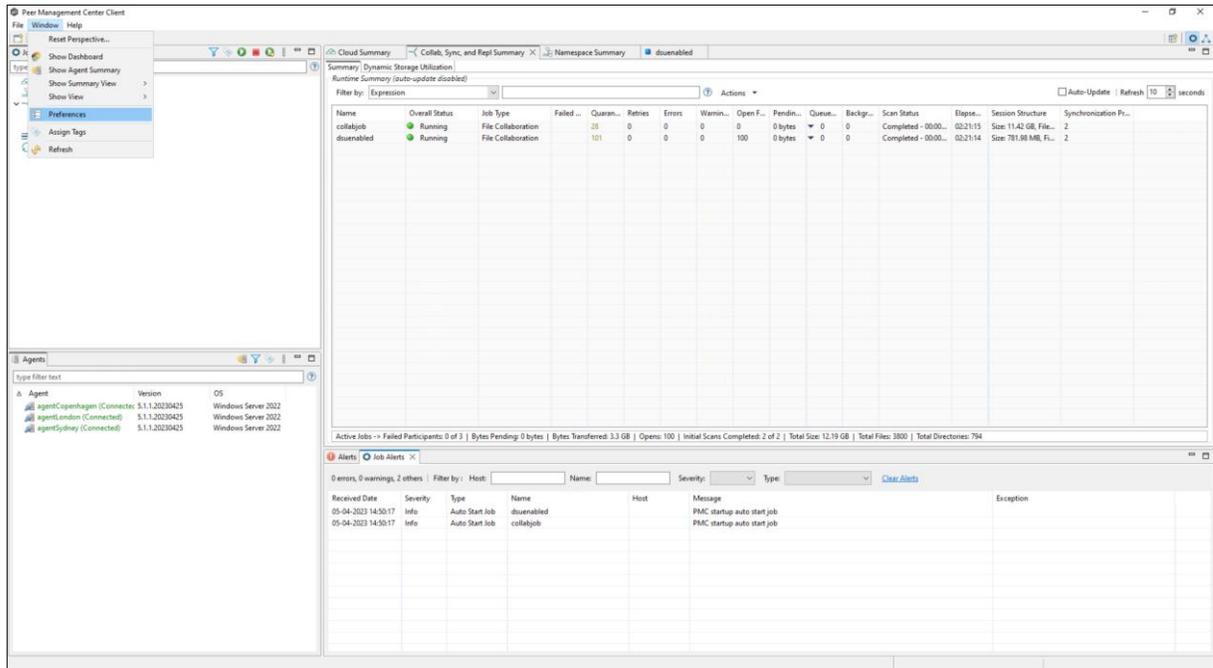
When attempting to connect PeerIQ to a broker, you may encounter some common issues:

- **Incorrect IP address or FQDN**  
Ensure you have entered the correct IP address or fully qualified domain name (FQDN) for the broker you are trying to connect to.
- **Firewall restrictions**  
Verify that there are no firewall restrictions blocking the connection on ports 61617 (SSL) or 61616 (TCP).
- **Network connectivity problems**  
Check for network issues, such as unstable connections or packet loss.
- **Broker service not running**  
Verify that Peer Broker Service is running on the PMC system and that there are no errors in the log files.

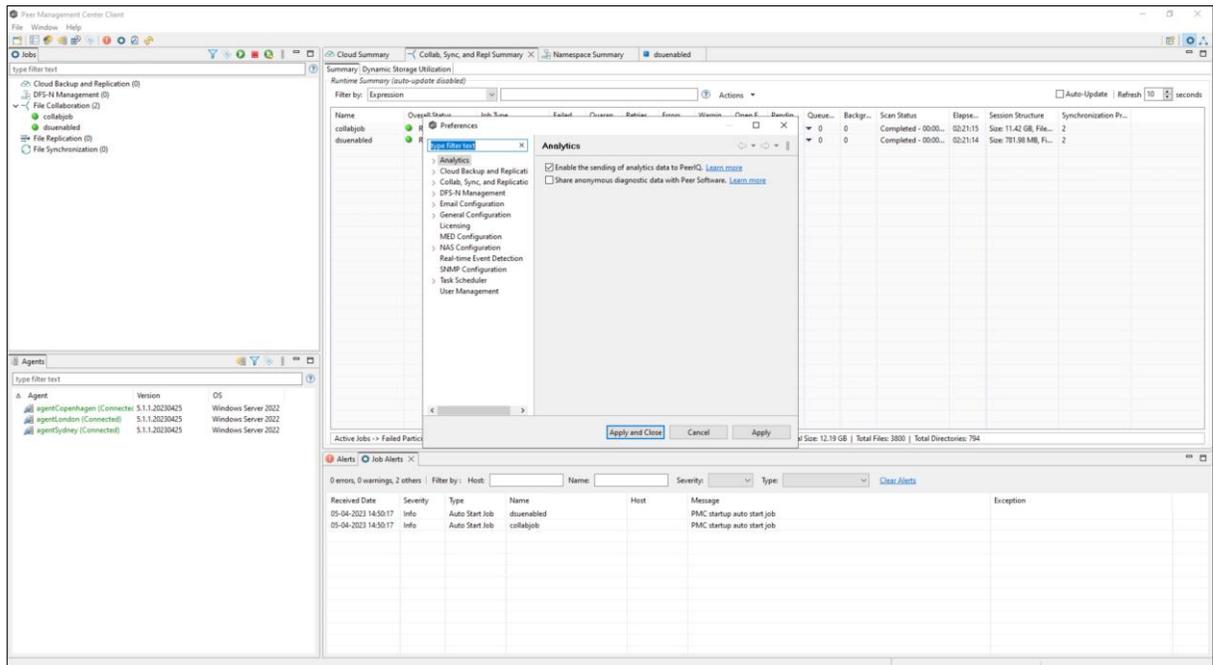
## Enabling Peer Management Center to Send Data to PeerIQ

After establishing the connection between PeerIQ and the Broker, the next step is to enable the sending of data from the PMC.

1. From the **Window** menu, select **Preferences**, and then select **Analytics**.



2. In the dialog that appears, select the **Enable the sending of analytics data to PeerIQ** checkbox.



It may take up to 30 seconds for PeerGFS to begin sending data to PeerIQ.

3. To verify that data is being sent correctly, navigate to the **Environment Overview** page in PeerIQ.

The card titled **Data Connection** displays the status of the connection. When the icon is green and the text says **Good**, data is successfully being sent.

## Monitoring the PeerGFS Environment

The following section details the **Environment Monitor** pages. These pages provide details about your PeerGFS environment, including the PMC, the Agents, and the jobs.

The five Environment Monitor pages are:

- Overview
- PMC
- Jobs
- Agents
- Watch Set

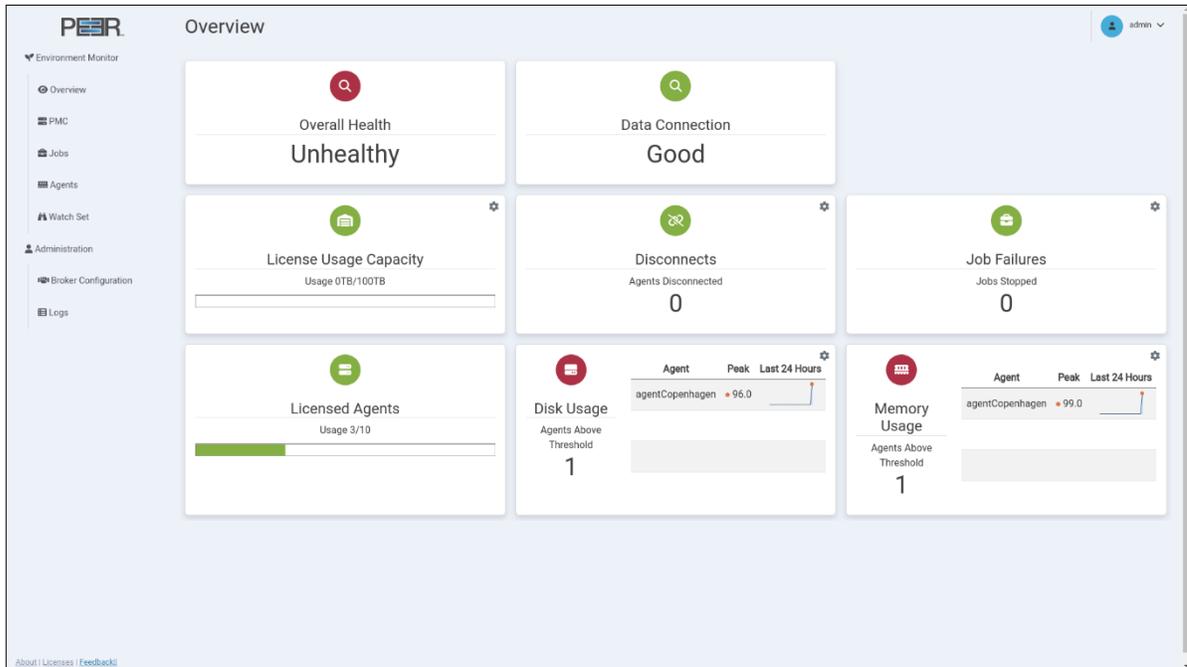
### Using the Date Range and Refresh Controls

Several pages feature line graphs that depict activity trends over time. Use the widgets located in the upper right corner of the page to adjust the date range of the displayed information and control the refresh rate:

- **Range:** Use this to select the desired time range for the line graphs. The time range options range from 15 minutes to 4 weeks.
- **Refresh:** Use this to select the interval at which the line graphs automatically refresh. The refresh rate options range from 15 seconds to 1 hour.

## Overview Page

The **Overview** page is a dashboard that displays an overview of the most critical aspects of the PeerGFS environment. The cards in the dashboard are labeled and color-coded to provide an at-a-glance overview of any issues in PeerGFS that have arisen in the last 24 hours.



When there is an issue, a card will display up to three graphs depicting instances occurrences that have encountered problems. For example, the card below shows that memory usage has exceeded thresholds on three Agent servers. You can hover over values to view the time the problem occurred.



Preconfigured defaults for the danger and warning thresholds can be modified. Click on the gear icon in the upper right corner of a card to modify its thresholds. In the dialog that appears, set the danger and warning thresholds:

**Disk Usage Thresholds** [X]

**● Danger Threshold**

Disk Usage %:

Time Frame:

**● Warning Threshold**

Disk Usage %:

Time Frame:

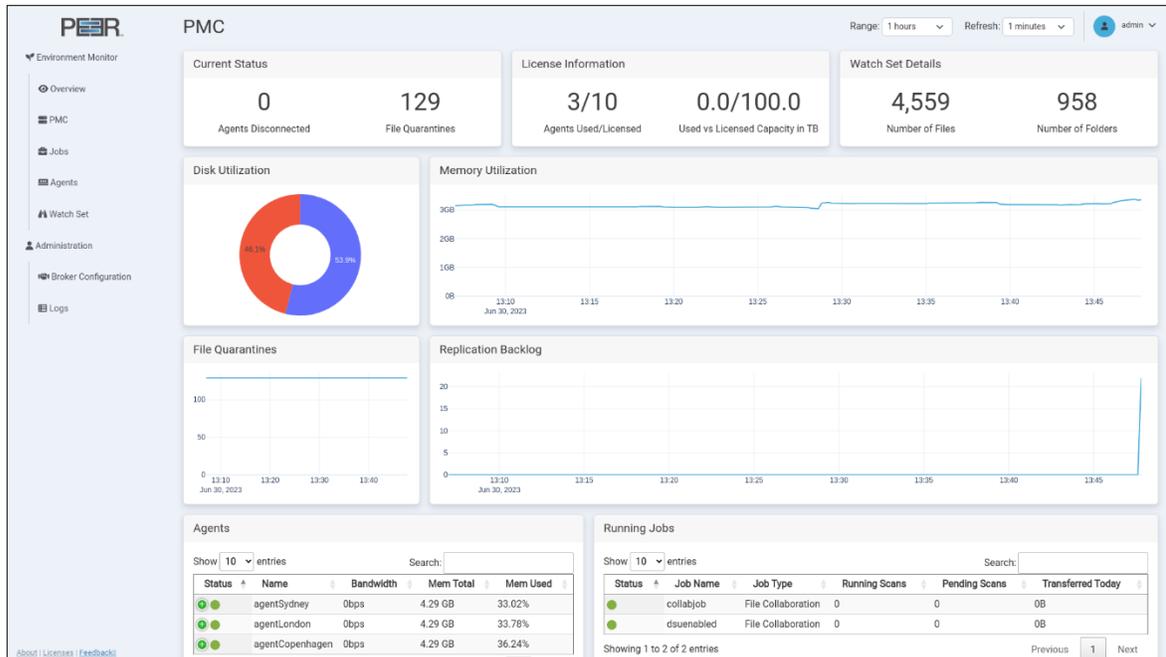
The Overview page contains eight cards:

Card	Description
Overall Health	<p>Visually represents the overall health of the PeerGFS environment. The presence of red or orange indicators in other cards determines the system's overall status.</p> <p>When all the other indicators on the page are green, signifying that no thresholds have been exceeded, the system is considered to be in a healthy state.</p> <ul style="list-style-type: none"> <li>• If any indicator is orange, the overall status is Warning, indicating an unhealthy system.</li> <li>• If any indicator is red, the overall status is Danger, indicating an unhealthy system.</li> <li>• If multiple indicators are in Warning status and at least one indicator is in Danger status, the overall status is Danger, indicating an unhealthy system.</li> </ul>
Data Connection	<p>Displays the results of monitoring data reception from PeerGFS, including extending beyond the broker link. It recognizes that while the broker link may be operational, data reception may still be hindered. For example, when configuring the PMC, if the <b>Enable the sending of analytics data to PeerIQ</b> checkbox was not selected or an outdated version of PeerGFS is being used.</p> <p>A Warning (orange) status is triggered after one minute of no data, while a Danger (red) status occurs after five minutes. The label reflects the actual duration since the last data was received.</p>
License Usage Capacity	<p>Displays the percentage of the PeerGFS usage allowance that has been utilized. The default thresholds are:</p> <ul style="list-style-type: none"> <li>• Danger: Exceeds 95% usage</li> <li>• Warning: Exceeds 90% usage</li> </ul>

Card	Description
Disconnects	<p>Displays the number of Agents that have been disconnected and identifies those specific Agents. The default thresholds are:</p> <ul style="list-style-type: none"> <li>• Danger: Exceeds 10 disconnects in a one-hour period</li> <li>• Warning: Exceeds 1 disconnect in a one-hour period</li> </ul>
Job Failures	<p>Displays the number of jobs that have failed. The default thresholds are:</p> <ul style="list-style-type: none"> <li>• Danger: Exceeds 10 disconnects in a one-hour period</li> <li>• Warning: Exceeds 1 disconnect in a one-hour period</li> </ul>
Licensed Agents	<p>Displays the number of active Agents in relation to the total number of licensed Agents.</p>
Disk Usage	<p>Displays the number of Agents that might be utilizing a significant amount of their disk storage. The default thresholds are:</p> <ul style="list-style-type: none"> <li>• Danger: Exceeds 95% usage in a one-hour period</li> <li>• Warning: Exceeds 90% usage in a one-hour period</li> </ul>
Memory Usage	<p>Displays the number of Agents that may have experienced prolonged periods of high memory usage. The default thresholds are:</p> <ul style="list-style-type: none"> <li>• Danger: Exceeds 95% usage in a one-hour period</li> <li>• Warning: Exceeds 90% usage in a one-hour period</li> </ul>

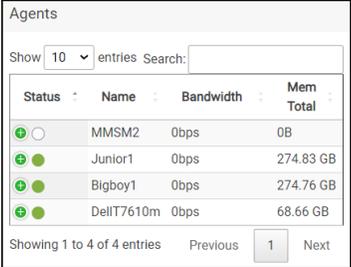
## PMC Page

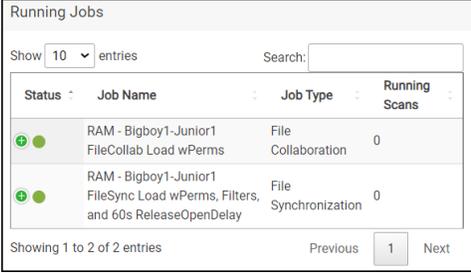
The **PMC** page provides an overview of the PMC’s environment.



The PMC page contains nine cards:

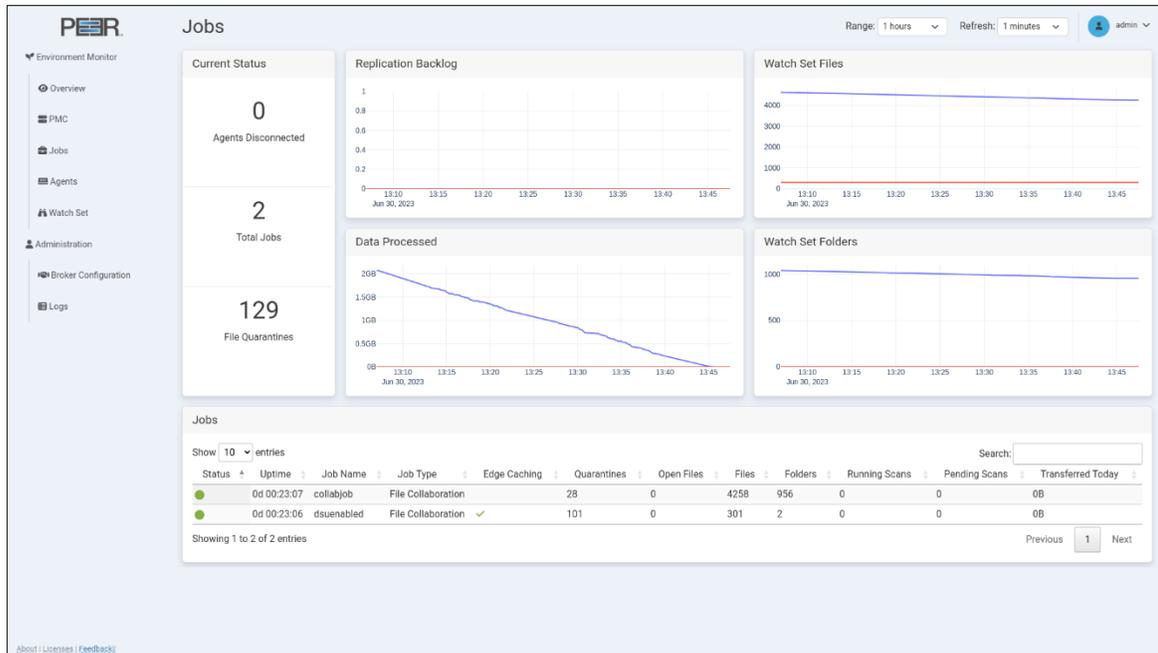
Card	Description
Current Status	Displays: <ul style="list-style-type: none"> <li>Agents Disconnected: The total number of disconnected Agents that the PMC is aware of.</li> <li>File Quarantines: The total number of files in quarantine.</li> </ul>
License Information	Displays: <ul style="list-style-type: none"> <li>Agents Used/Licensed: The total number of Agents in relation to the maximum allowed by your license. Agents are counted only if they are associated with at least one job.</li> <li>Used vs Licensed Capacity in TB: The total capacity used in the environment compared to the maximum licensed capacity.</li> </ul>
Watch Set Details	Displays: <ul style="list-style-type: none"> <li>Number of Files: The total number of files in the environment.</li> <li>Number of Folders: The total number of folders in the environment.</li> </ul>
Disk Utilization	Displays a pie chart that compares the total disk space used in the environment (represented in red) with the available disk space (represented in blue).

Card	Description
Memory Utilization	Displays a line graph that shows the system memory usage of the PMC appliance over time.
File Quarantines	Displays a line graph that shows the total number of files in quarantine over time.
Replication Backlog	Displays a line graph that shows the total number of files in the replication backlog over time.
Agents	<p>Displays a table of information about the Agents in the environment. Each row represents an Agent. For more detailed information about Agents, visit the <b>Agents</b> page.</p> <p>The Agents table has six columns:</p> <ul style="list-style-type: none"> <li>• Status: The status of the Agent is indicated by color: <ul style="list-style-type: none"> <li>▪ Green: Connected</li> <li>▪ Yellow: Pending</li> <li>▪ Orange: Disconnected</li> <li>▪ Black: Disabled</li> <li>▪ White: Unknown</li> </ul> </li> <li>• Name: The name of the Agent.</li> <li>• Bandwidth: The tested bandwidth between the PMC and the Agent. (You must first run Test Agent Bandwidth Speed in the Agents view in the PMC for a value to be displayed.)</li> <li>• Total Mem: The total memory available to the Agent.</li> <li>• Mem Used: The percentage of the total memory currently in use.</li> <li>• Disconnects: The number of disconnects for this Agent.</li> </ul> <p>If not all six columns are displayed, click the green plus sign in the Status column to display the hidden columns for that Agent.</p> 

Card	Description												
Running Jobs	<p>Displays a table of overview information about current running jobs in the environment. Each row in the table represents a job. For more detailed information about all the jobs (including jobs that aren't running), visit the <b>Jobs</b> page.</p> <p>This table has six columns:</p> <ul style="list-style-type: none"> <li>• <b>Status:</b> The status of the job is indicated by color: <ul style="list-style-type: none"> <li>▪ Green: Job is running</li> <li>▪ Orange: Job isn't running due to an error</li> <li>▪ White: Job is stopped or has unknown status</li> </ul> </li> <li>• <b>Job Name:</b> The name of the job.</li> <li>• <b>Job Type:</b> The type of the job.</li> <li>• <b>Running Scans:</b> The total number of currently running scans.</li> <li>• <b>Pending Scans:</b> The total number of currently pending scans.</li> <li>• <b>Transferred Today:</b> The total number of bytes transferred today. To display the number for an Agent, click the green dot to the left of the Agent's status indicator.</li> </ul> <p>If not all six columns are displayed, click the green plus sign in the Status column to display the hidden columns.</p>  <p>The screenshot shows a table titled 'Running Jobs' with the following data:</p> <table border="1"> <thead> <tr> <th>Status</th> <th>Job Name</th> <th>Job Type</th> <th>Running Scans</th> </tr> </thead> <tbody> <tr> <td>⊕ ●</td> <td>RAM - Bigboy1-Junior1 FileCollab Load wPerms</td> <td>File Collaboration</td> <td>0</td> </tr> <tr> <td>⊕ ●</td> <td>RAM - Bigboy1-Junior1 FileSync Load wPerms, Filters, and 60s ReleaseOpenDelay</td> <td>File Synchronization</td> <td>0</td> </tr> </tbody> </table>	Status	Job Name	Job Type	Running Scans	⊕ ●	RAM - Bigboy1-Junior1 FileCollab Load wPerms	File Collaboration	0	⊕ ●	RAM - Bigboy1-Junior1 FileSync Load wPerms, Filters, and 60s ReleaseOpenDelay	File Synchronization	0
Status	Job Name	Job Type	Running Scans										
⊕ ●	RAM - Bigboy1-Junior1 FileCollab Load wPerms	File Collaboration	0										
⊕ ●	RAM - Bigboy1-Junior1 FileSync Load wPerms, Filters, and 60s ReleaseOpenDelay	File Synchronization	0										

## Jobs Page

The **Jobs** page provides detailed information about the jobs in the environment.



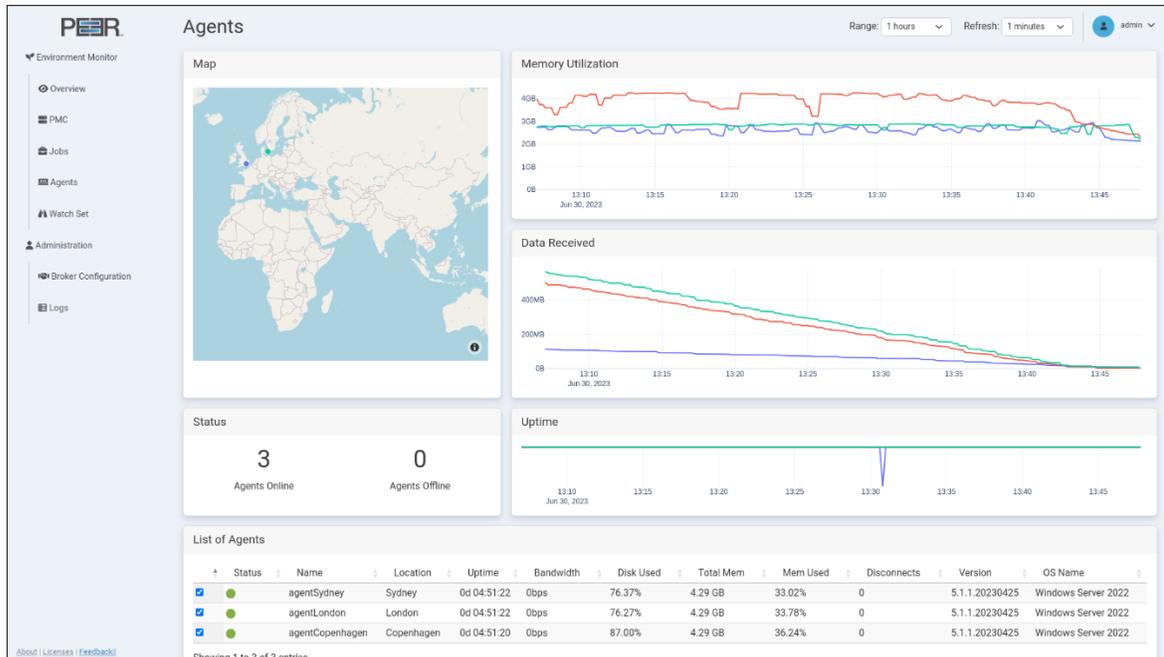
The Jobs page contains six cards:

Card	Description
Current Status	Displays: <ul style="list-style-type: none"> <li>Agents Disconnected: The total number of disconnected Agents in the environment.</li> <li>Total Jobs: The total number of jobs in the environment.</li> <li>File Quarantines: The total number of files currently quarantined.</li> </ul>
Replication Backlog	Displays a line graph that shows the total number of files in the replication backlog over time.
Watch Set Files	Displays a line graph that shows the total number of files in the environments watch set over time.
Watch Set Folders	Displays a line graph that shows the total number of folders in the environment's watch set over time.
Data Processed	Displays a line graph the shows the data processed in bytes over time. The total resets every day.

Card	Description
Jobs	<p data-bbox="440 281 1356 346">Displays a table of detailed information about all the jobs in the environment. Each row in the table represents a job.</p> <p data-bbox="440 369 800 396">This table has twelve columns:</p> <ul data-bbox="488 422 1333 1220" style="list-style-type: none"><li data-bbox="488 422 1166 604">• Status: Color is used to indicate the status of the job:<ul data-bbox="532 474 886 604" style="list-style-type: none"><li data-bbox="532 474 776 501">▪ Green: Running.</li><li data-bbox="532 527 886 554">▪ Orange: Any halted state.</li><li data-bbox="532 579 930 606">▪ White: Stopped or Unknown.</li></ul></li><li data-bbox="488 630 967 657">• Uptime: The total uptime of the job.</li><li data-bbox="488 682 919 709">• Job Name: The name of the job.</li><li data-bbox="488 735 889 762">• Job Type: The type of the job.</li><li data-bbox="488 787 1333 852">• Edge Caching: Displays a tick when Edge Caching is enabled for this job.</li><li data-bbox="488 877 1295 905">• Quarantines: The total number of files in quarantine for the job.</li><li data-bbox="488 930 1175 957">• Open Files: The total number of open files for the job.</li><li data-bbox="488 982 1162 1010">• Files: The total number of files in the job's watch set.</li><li data-bbox="488 1035 1232 1062">• Folders: The total number of folders in this job's watch set.</li><li data-bbox="488 1087 1252 1115">• Running Scans: The total number of currently running scans.</li><li data-bbox="488 1140 1252 1167">• Pending Scans: The total number of currently pending scans.</li><li data-bbox="488 1192 1292 1220">• Transferred Today: The total number of bytes transferred today.</li></ul>

## Agents Page

The **Agents** page provides detailed information about the Agents in the environment.



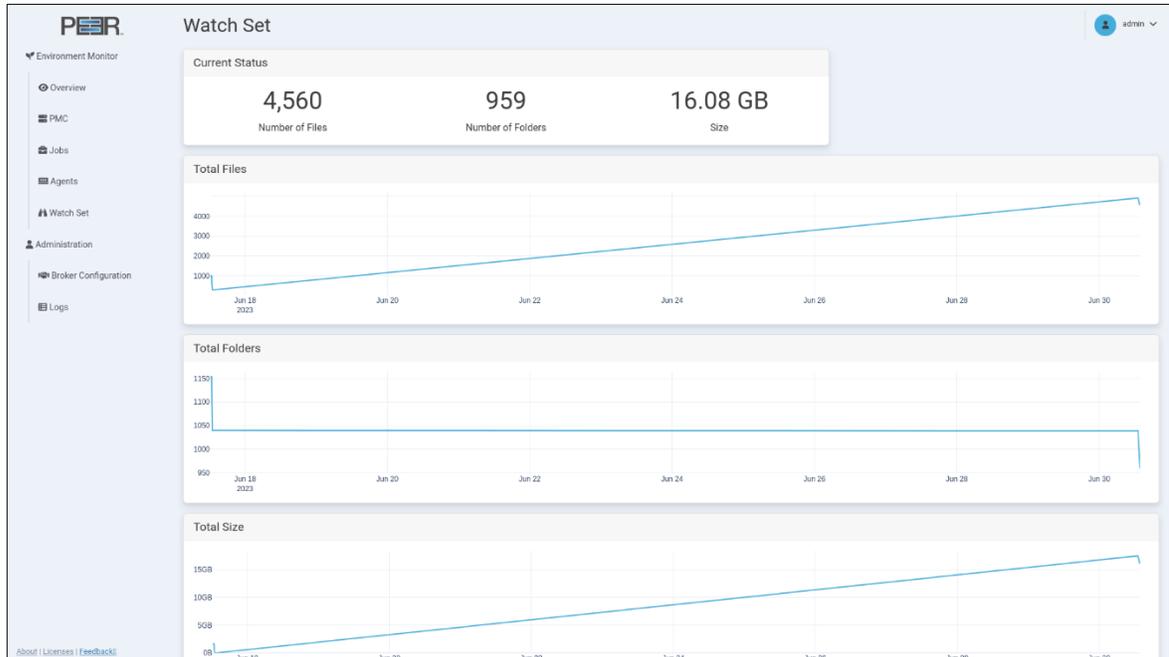
The Agents page contains six cards:

Card	Description
Map	Displays a world map that shows the location of Agents in the environment. An Agent's latitude and longitude must be configured in the PMC to accurately display its location.
Memory Utilization	Displays a line graph that shows the memory utilization of the Agents in the environment over time.
Data Received	Displays a line graph that shows the amount of data received for the Agents in the environment over time.
Uptime	Displays a line graph that that shows the uptime for the Agents in the environment over time.
Status	Displays: <ul style="list-style-type: none"> <li>Agents Online: The total number of online agents in the environment.</li> <li>Agents Offline: The total number of offline agents in the environment.</li> </ul>

Card	Description
List of Agents	<p data-bbox="456 281 1321 348">Displays a table of detailed information for all Agents in the environment. Each row represents an Agent.</p> <p data-bbox="456 369 813 396">This table has twelve columns.</p> <ul data-bbox="505 422 1377 1474" style="list-style-type: none"><li data-bbox="505 422 1377 489">• Toggle the checkbox in the first column to enable or disable the graph line representing that Agent across all graphs on the page.</li><li data-bbox="505 510 1377 800">• Status: The status of the Agent is indicated by color:<ul data-bbox="548 562 862 800" style="list-style-type: none"><li data-bbox="548 562 818 590">▪ Green: Connected</li><li data-bbox="548 611 789 638">▪ Yellow: Pending</li><li data-bbox="548 659 862 686">▪ Orange: Disconnected</li><li data-bbox="548 707 781 735">▪ Black: Disabled</li><li data-bbox="548 756 802 783">▪ White: Unknown</li></ul></li><li data-bbox="505 821 922 848">• Name: The name of the Agent.</li><li data-bbox="505 869 1377 978">• Location: The name of the Agent's location. An Agent's latitude and longitude must be configured in the PMC for the location to be displayed.</li><li data-bbox="505 999 1049 1026">• Uptime: The current uptime of the Agent.</li><li data-bbox="505 1047 1349 1157">• Bandwidth: The results of tested bandwidth between the PMC and the Agent. (You must first run Test Agent Bandwidth Speed in the Agents view in the PMC for a value to be displayed.)</li><li data-bbox="505 1178 1338 1205">• Disk Used: The percentage of the total disk space currently in use.</li><li data-bbox="505 1226 1133 1253">• Total Mem: Total memory available to the Agent.</li><li data-bbox="505 1274 1276 1302">• Mem Used: Percentage of the total memory currently in use.</li><li data-bbox="505 1323 1211 1350">• Disconnects: The number of disconnects for this Agent.</li><li data-bbox="505 1371 1089 1398">• Version: The Agent's current version number.</li><li data-bbox="505 1419 1224 1446">• OS Name: The operating system the Agent is running on.</li></ul>

## Watch Set Page

The **Watch Set** page provides an overview of all the watch sets in the environment. This page displays statistics for the prior two weeks.

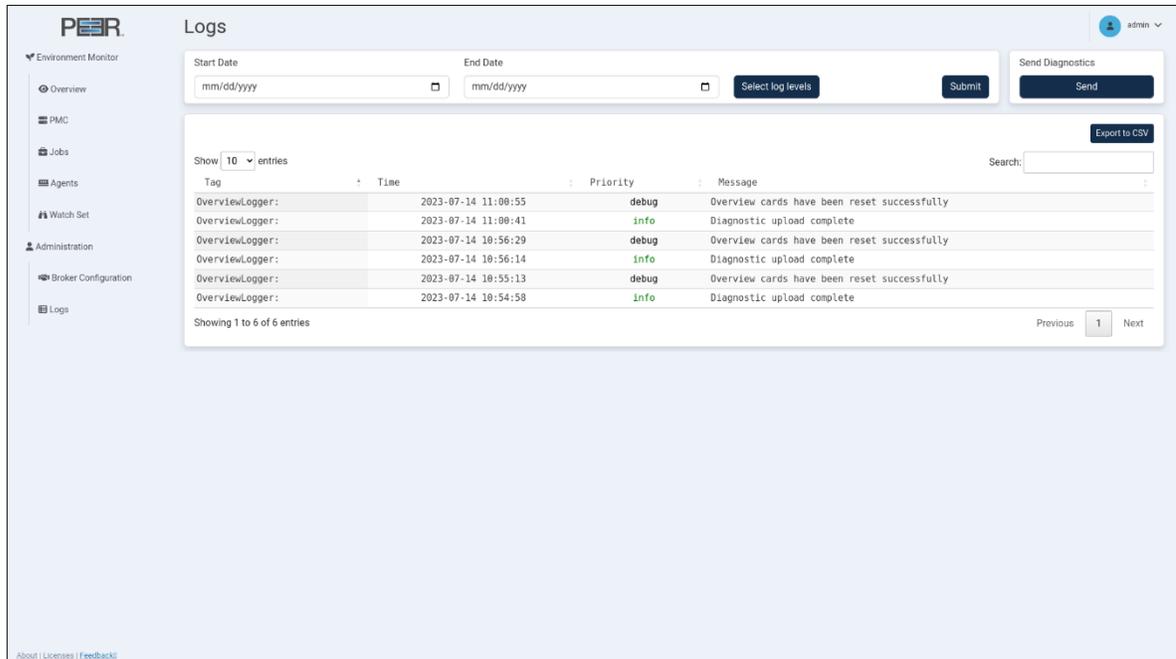


The Watch Set page contains four cards:

Card	Description
Current Status	Displays: <ul style="list-style-type: none"> <li>• Number of Files: The total number of files in the watch set for the environment.</li> <li>• Number of Folders: The total number of folders in the watch set for the environment.</li> <li>• Size: The total size of all files in the watch set for the environment.</li> </ul>
Total Files	Displays a line graph that shows the total number of files in the watch set over the past two weeks.
Total Folders	Displays a line graph that shows the total number of folders in the watch set over the past two weeks.
Total Size	Displays a line graph that shows the total size of all files in the watch set over the past two weeks.

## Logs Page

The **Logs** page displays a table of log entries and provides the ability to send diagnostics to Peer Software Support.



The Log table displays the most recent 5,000 log entries. You can:

- Filter the log table using the date fields and log levels.
- Change the number of entries displayed in the table.
- Download the current log view to a CSV file by clicking **Export to CSV**.
- Use the **Search** field to find specific log entries within the current log view.
- Send diagnostic information to Peer Software support.

### Filtering Log Contents

Use the date and log level filters to refine the data displayed in the Log table.

To filter the log data:

1. Select a start date.
2. Select an end date.
3. Select the types of log entries to be displayed in the table.
4. Click **Submit** to enable the selected filters.

### Sending Diagnostics

You can send a diagnostics file to Peer Software support. A connection to the internet is required for the upload to be successful.

To send the diagnostics file:

1. In the **Send Diagnostics** card, click the **Send** button.
2. Select the region closest to the PeerIQ appliance for faster diagnostics uploads.

When the upload is completed, a success message will be displayed, and the diagnostics file will be stored in the selected region.