

Oracle Argus Insight

Minimum Security Configuration Guide



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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Preface

This preface contains the following sections:

- [Documentation accessibility](#)
- [Related resources](#)
- [Access to Oracle Support](#)
To receive support assistance, determine whether your organization is a cloud or on-premises customer. If you're not sure, use Support Cloud.

Documentation accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Related resources

For information about Oracle Argus patches, see [My Oracle Support](#).

All documentation and other supporting materials are available on the [Oracle Help Center](#).

Access to Oracle Support

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1

Minimum Security Configuration Guide

This document describes how to configure security settings for the Oracle Argus Insight application. You configure these settings after you install Oracle Argus Insight. For details about installing the application, see the *Oracle Argus Safety and Oracle Argus Insight Installation Guide*.

- [Configure Permissions in the Windows Registry](#)
- [Grant Permission to IIS Metabase](#)
- [Configure Folder Access to the Web User Account](#)
- [Configure Application Pools](#)
- [Configure Permissions for Log or Application Files and Folders](#)
- [Configure HTTPS](#)
- [Configure X-Content-Type-Options in IIS](#)

Configure Permissions in the Windows Registry

To configure permissions in the Windows system registry:

1. Open the Windows Registry Editor:
 - a. Click **Start**, and select **Run**.
The Run command dialog box appears.
 - b. In the **Open** field, enter **regedit**.
 - c. Click **OK**.
2. Navigate to the following folder:
`HKEY_USERS\S-1-5-20`
3. Right-click the **S-1-5-20** folder, and select **Permissions**.
The Permissions for S-1-5-20 dialog box appears.
4. To add the domain user, click **Add**.
5. For the **Full Control** option, select the **Allow** check box.
6. Click **OK**.

Grant Permission to IIS Metabase

To grant permission to IIS metabase:

1. Use the **Run as administrator** option to open and run Command Prompt screen.

 **Note:**

Make sure you run the following command as administrator.

2. Grant the *safety_user* permission to access IIS metabase:

```
C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727>aspnet_regiis.exe -ga  
"safety_user"
```

Configure Folder Access to the Web User Account

 **Note:**

The instructions in this section assume your installation has a domain server and all servers are configured in that domain.

This section describes how to configure folder access to the web user account, and includes the following topics:

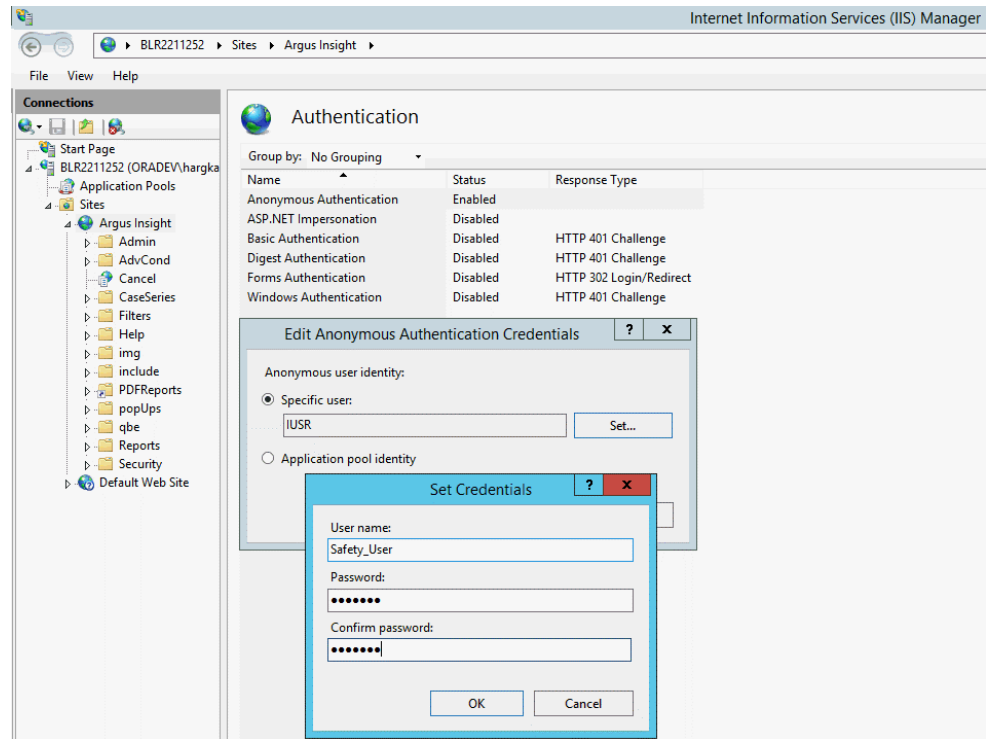
- [Configure Anonymous Access](#)
- [Configure Virtual Directories](#)

Configure Anonymous Access

On every web server, configure Anonymous access as follows:

1. Navigate to Internet Information Services (IIS) Manager.
2. In the left pane, select **Argus Insight**.
3. In the right pane, double-click **Authentication**.
4. Right-click **Anonymous Authentication**, and from the drop-down menu, click **Edit**.

The Edit Anonymous Authentication Credentials dialog box appears.



5. To define the user credentials for the Oracle Argus Safety domain user (*safety_user*), click **Set**.
6. Click **OK** to save the changes.

Configure Virtual Directories

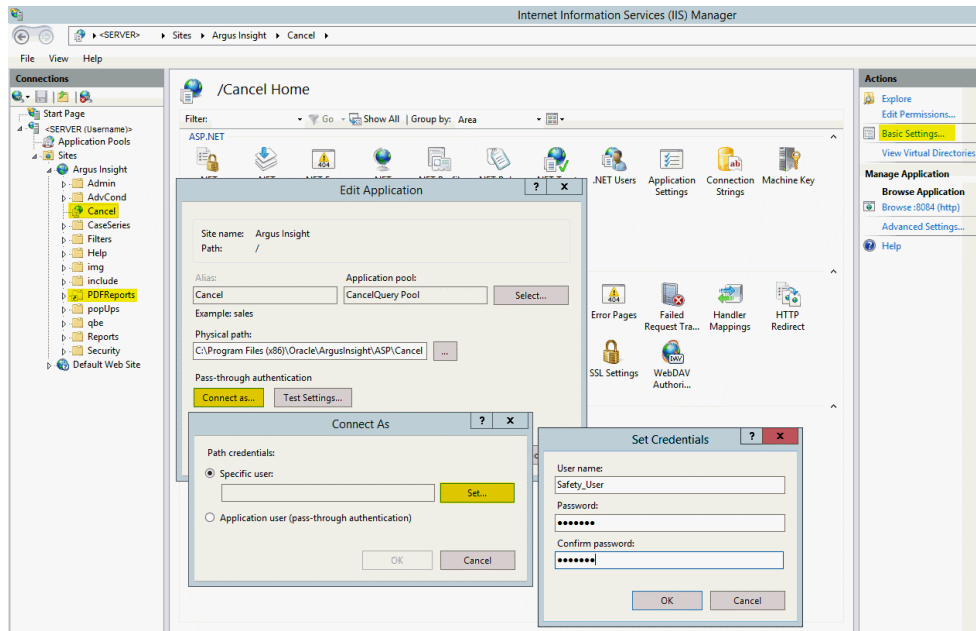
On every web server, you must configure the following virtual directories to connect as the Oracle Argus Safety domain user (*safety_user*):

- Cancel
- PDFReports

To configure these virtual directories:

1. Select one of the virtual directories, and click **Basic Settings**.

The Edit Application dialog box appears.



2. Click **Connect as**.
The Connect As dialog box appears.
3. Select the **Specific user** option, and click **Set**.
The Set Credentials dialog box appears.
4. Enter the user name and password for the Oracle Argus Safety domain user (*safety_user*).
5. Click **OK** until all the open dialog boxes are closed.
6. Repeat the process for the other virtual directories.

Configure Application Pools

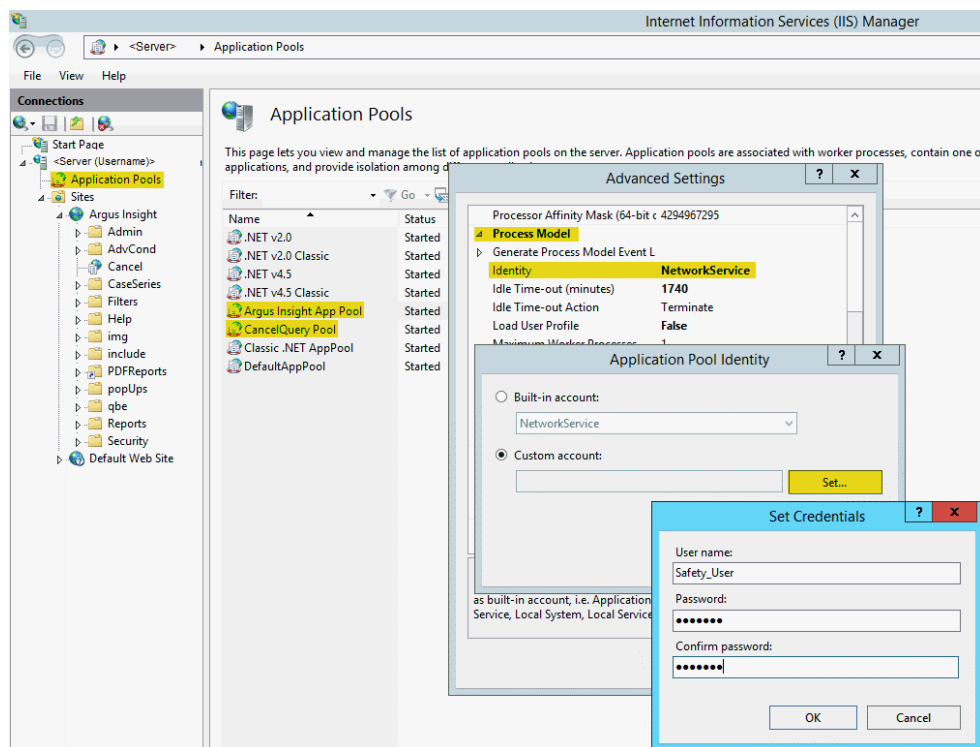
You must configure the following application pools to run under the *safety_user* identity:

- Argus Insight App Pool
- CancelQuery Pool

To configure these pools:

1. Select **Application Pools** to open the Application Pools page.
2. Select one of the application pools that you must configure.
3. Click **Advanced Settings**.

The Advanced Settings dialog box appears.



4. Expand **Process Model**.
5. Edit the **Identity**.
6. Select the **Custom account** option, and click **Set**.
The Set Credentials dialog box appears.
7. Enter the user name and password for the Oracle Argus Safety domain user (*safety_user*).
8. Click **OK** until all the open dialog boxes are closed.
9. Repeat the process for the other application pools.

Configure Permissions for Log or Application Files and Folders

You must assign the Oracle Argus Safety domain user (*safety_user*) the proper read, modify, and execute permissions for the following folders and files:

- C:\Windows\AI.ini
- C:\Windows\ArgusSecureKey.ini
- C:\Temp
- Insight_Installation_Directory\ArgusInsight\Bin\Log
- Insight_Installation_Directory\ArgusInsight\CacheTemp
- Insight_Installation_Directory\ArgusInsight\PDFReports
- Insight_Installation_Directory\ArgusInsight\Upload

To configure the permissions:

1. Navigate to the appropriate file or folder, and right-click.
2. In the Permissions dialog box, select a group or user name.
3. Select the **Allow** check box for the following permissions:
 - Modify
 - Read & execute
 - Read

 **Note:**

Do not provide **Full control** for any of these folders or files.

4. Click **OK** to save the changes.
5. Repeat the process for the other files and folders.

Configure HTTPS

1. Log in to the web server.
2. Start Internet Information Services (IIS) Manager.
3. In the left pane, select the server node.
4. In the right pane, select the **Server Certificates** icon in the IIS section, and click **Open Feature**.
5. Create or import your SSL certificate.
6. Wait until the certificate is created.
7. In the left pane, navigate to **Sites**, select **Argus Insight**, and click **Bindings**.
8. Click **Add**.

The Add Site Binding dialog box appears.

- a. In the **Type** drop-down list, select **https**.
- b. In the **Port** field, enter the SSL port to bind.
- c. In the **SSL certificate** drop-down list, select **Argus Insight**.
- d. Click **OK** to save the changes.

HTTPS is now enabled for Oracle Argus Insight.

To ensure the SSL connection is required:

1. In the left pane, navigate to **Sites**, and select **Argus Insight**.
2. In the right pane, select the **SSL Settings** icon in the IIS section.
3. Click **Require SSL**.
4. Click **Apply**.

Configure X-Content-Type-Options in IIS

1. Open Internet Information Services (IIS) Manager.

2. In the **Connections** pane, go to the site, application, or directory for which you want to set a custom HTTP header.
3. In the Home pane, double-click **HTTP Response Headers**.
4. In the HTTP Response Headers pane, in the **Actions** pane, click **Add...**
5. In the **Add Custom HTTP Response Header** dialog box, enter the following parameters and click **OK**.
 - a. Name — **X-Content-Type-Options**
 - b. Value — **nosniff**