Oracle® Argus Insight

Minimum Security Configuration Guide

Release 7.0.3

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

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1 Configuring PwReports.exe Permissions

You need to grant permissions to the PwReports.exe file, which is the executable for the Argus Insight application.

In addition, you need to create a domain user who will have access to the web servers and all network services that will be configured in Argus Insight. The instructions in this document use an example user, named *safety_user*. You need to substitute *safety_user* with the name of the domain user that you create.

Note: You need to complete the instructions in this section for each web server in your installation.

To configure the permissions for the Argus Insight application:

- **1.** Go to the web server.
- 2. Click Start and select Control Panel.
- 3. Double-click Administrative Tools.
- 4. Double-click Component Services.
- 5. Navigate to Console Root, Component Services, Computers, My Computer, and select DCOM Config.

🛞 Component Services			
 File Action View Window Help 			
Console Root	Name	Application ID	
Component Services Computers My Computer COM+ Applicatic COM+ Applicatic COM+ Config COM+	PenIMC2 PLA PNPXAssoc. dll PrintFilterPipeline Profile Notificatio Profile Notificatio RASDLGLUA RASGCWLUA RASGCWLUA RCM	<pre>{63CE6D27-426A-41F9-8E51-549C1132DAE2} {03837503-098b-11d8-9414-505054503030} {cce8acc9-4f6b-4469-a235-5a22869eef03} {76db1bf3-e820-4765-a1b2-0b16a86b1950} {E10F6C3A-F1AE-4adc-AA9D-2FE65525666E} {FB3A320A-5599-4738-909B-735A6078ABEA} {0C3805FB-3498-40C3-9C03-4B22D735550C} {4A6888AD-9872-4525-A812-71A52367DC17} {C9F65BA8-1F8F-4382-AE27-C91FFB29275F} {C50805FB-3456-452-4521-4523-7D520-1244462} }</pre>	

- **6.** Right-click **PwReports** (that is, Argus Insight application) and select **Properties** from the menu.
- **7.** Click the **Security** tab.

- 8. Modify the Launch and Activation Permissions as follows:
 - **a.** Select the **Customize** option.
 - **b.** Click **Edit**. The Launch and Activation Permission dialog box opens.

Launch and Activation Permissio	n	? ×	
Security			
Group or user names:			
SYSTEM			
Administrators (SVMBOXDEV	/1002\Administrator	rs)	
& INTERACTIVE			
👗 Safety_User (SVMBOXDEVII	002\Safety_User)		
I			
	Add	Remove	
Permissions for Safety_User	Allow	Deny	
Local Launch			
Remote Launch			
Local Activation			
Remote Activation			
Learn about access control and permissions			
	OK	Cancel	

- **c.** Click **Add** to add the domain user who will have launch and activation permissions.
- **d.** Select the **Allow** check box for the **Local Launch** option and the **Local Activation** option.
- e. Select the **Deny** check box for the **Remote Launch** option and the **Remote Activation** option.
- f. Click OK.
- g. Click Yes in response to the message about Deny permissions.



- **9.** Modify the **Access Permissions** as follows:
 - **a.** Select the **Customize** option.
 - **b.** Click **Edit.** The Access Permission dialog box opens.

Access Permission		? ×
Security		
<u>G</u> roup or user names:		
👗 Safety_User (SVMBOXDEVIO	102\Safety_User)	
SELF		
Administrators (SVMB0XDEV	1002\Administrato	urs)
	ا دده	Denson 1
	<u>Ag</u> a	
Permissions for Safety_User	Allow	Deny
Local Access		
Remote Access		
Learn about access control and pe	ermissions	
	OK	Cancel

- c. Click Add to add the domain user who will have access permissions.
- d. Select the Allow check box for the Local Access option.
- e. Select the Deny check box for the Remote Access option.
- f. Click OK.
- g. Click Yes in response to the message about Deny permissions.

- **10.** Modify the **Configuration Permissions** as follows:
 - **a.** Select the **Customize** option.
 - **b.** Click **Edit**. The Change Configuration Permission dialog box opens.

Change Configuration Permission	1	?	×	
Security				
Group or user names:				
& CREATOR OWNER	& CREATOR OWNER			
SYSTEM				
Administrators (SVMB0XDEVI	002\Administrat	ors)		
Safety_User (SVMBUXDEVIU	U2\Safety_User	J		
CSELS (2AWROYDE A1005/02	ersj			
	Add	Hemove		
Permissions for Safety_User	Allow	Deny		
Full Control				
Read	\checkmark			
Special permissions				
For special permissions or advance	d settings,	Advanced		
click Advanced.				
Learn about access control and pe	rmissions			
	OK	Cancel	1	

- c. Click Add to add the domain user who will have configuration permissions.
- d. Select the Allow check box for the Full Control option and the Read option.
- e. Click OK.
- 11. Click OK to save your changes and close the PwReports Properties dialog box.

2 Configuring 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.
 - **b.** Enter **regedit.**
 - c. Click OK.
- 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 opens.



- 4. Click Add to add the domain user.
- 5. Select the Allow check box for the Full Control option.
- 6. Click OK.

3 Granting Permission to IIS Metabase

To grant permission to IIS metabase:

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



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"
```

C:\Windows\Microsoft.NET\Framework\v2.0.50727>aspnet_regiis.exe -ga "safety_user " Start granting safety_user access to the IIS metabase and other directories used by ASP.NET. Finished granting safety_user access to the IIS metabase and other directories u sed by ASP.NET. C:\Windows\Microsoft.NET\Framework\v2.0.50727>_

4 Configuring Folder Access to the Web User Account

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

- Section 4.1, "Configuring Anonymous Access"
- Section 4.2, "Configuring Virtual Directories"

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

4.1 Configuring Anonymous Access

On every web server, configure Anonymous access as follows:

- 1. Navigate to Internet Information Services (IIS) Manager.
- 2. Double-click Authentication.



3. Select **Anonymous Authentication** and click **Edit**. The Edit Anonymous Authentication Credentials dialog box opens.



- 4. Click **Set** to define the user credentials for the Safety domain user (*safety_user*).
- 5. Click **OK** to save your changes.

4.2 Configuring Virtual Directories

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

Cancel

- InsightNet
- PDFReports
- Scheduled Reports

To configure these virtual directories:

1. Select one of the virtual directories and click **Basic Settings.** The Edit Application dialog box opens.

<u> </u>	🧬 /Cai	ncel Home	🔀 Explore
Start Page	Group by: Are	a • 📰 •	Edit Permissions
Application Pools	ASP.NET		Basic Settings
E Sites		dit Application	View Virtual Direct
😑 😔 Argus Insight	- 🏷 🛽		view vircual birec
🗟 🛅 Admin			Manage Application
	.NET	Site name: Argus Insight bs and Providers Session State	Browse Applica
🕀 💮 Cancel	Compliation	Path: /	Browce :8084 (bt
CaseSeries			Le bronse todo i (ik
H-Hters	IIS	Allas: Application poor:	Advanced Setting
Help		Cancel CancelQuery Pool Select	Help
Er indude	<u> 1</u>	Example: sales	Online Help
Insight.Net	ASP	Physical path: gging MIME Types Modules	or an or hop
🕀 🔐 InsightNet		C:\Program Files\Oracle\ArgusInsight\ASP\Cancel	
11 Ibrary	0	Pass-through authentication	
PDFReports		Set Credentials ?X	
E popUps	SSI Settings	Connect as Test Settings	
🕀 🛄 qbe	SSC Securgs	Connect As 21 X User name:	
E Reports		Safety_User	
Schedulog	Managem	Path credentials: Password:	
E Security		Specific user:	
🗉 🚭 Default Web Site	<u></u>	Set	
-	6	Contirm password:	
	IIS Manager	C Application user (pass-through authentication)	
	remissions		
		OK Cancel	

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

5 Configuring Application Pools

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

- Argus Insight App Pool
- CancelQuery Pool
- InsightNet 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 opens.



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

6 Configuring Permissions for Log/Application Files and Folders

You must assign the 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\Bin\Logs
- Insight_Installation_Directory\ArgusInsight\CacheTemp
- Insight_Installation_Directory\ArgusInsight\PDFReports
- Insight_Installation_Directory\ArgusInsight\Scheduled Reports
- Insight_Installation_Directory\ArgusInsight\Upload

To configure the permissions:

- **1.** Navigate to the appropriate file or folder.
- **2.** Open the Permissions dialog box.



- **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 your changes.
- **5.** Repeat the process for the other files and folders.

7 Configuring HTTPS

To configure HTTPS:

- **1.** Log in to the web server.
- 2. Start Internet Information Services (IIS) Manager.
- **3.** Select the server node, select the **Server Certificates** icon in the IIS section, and click **Open Feature.**



4. Create or import your SSL certificate.

📬 Internet Information Services (II	i) Manager	
SVMBOXDEVI002	>	🗾 🔛 🖄 I 🕢 👻
File View Help		
Connections	Server Certificates Use this feature to request and manage certificates that the Web server can use with Web sites configured for SSL. Name Issued To Used To Used By WMSvc-SVMBOXDEV1002 WMSvc-SVMBOXDEV1002	Actions Import Create Certificate Request Complete Certificate Request Create Domain Certificate Create Self-Signed Certificate Help Online Help
Ready		€∃.:

5. Wait until the certificate is created.

6. Navigate to Sites, select Argus Insight, and click Bindings.



7. Click Add. The Add Site Binding dialog box opens.

Add Site Binding	? ×
<u>I</u> ype: <u>I</u> P address: https I All Unassigned	P <u>o</u> rt: ▼ 44₿
Host name:	
<u>S</u> L certificate:	
Not selected	▼ <u>V</u> jew
	OK Cancel

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

HTTPS is now enabled for Argus Insight.

To ensure the SSL connection is required:

- 1. Navigate to Sites and select Argus Insight.
- 2. Select the SSL Settings icon in the IIS section.



- 3. Click Require SSL.
- 4. Click Apply.

8 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.

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

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