

# Pre Requisites Checker

## Blackchair Spotlight Pre-Requisites Checker

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  - Software Requirements
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  - Email Server
  - Choose a System
  - Test Connection
    - Avaya Communication Manager
    - Avaya Session Manager
    - Avaya System Manager
    - Cisco UCM
    - Genesys PureConnect
    - Genesys PureEngage
      - Genesys
      - GAX
    - Oracle/ACME SBC
  - Finish
- 

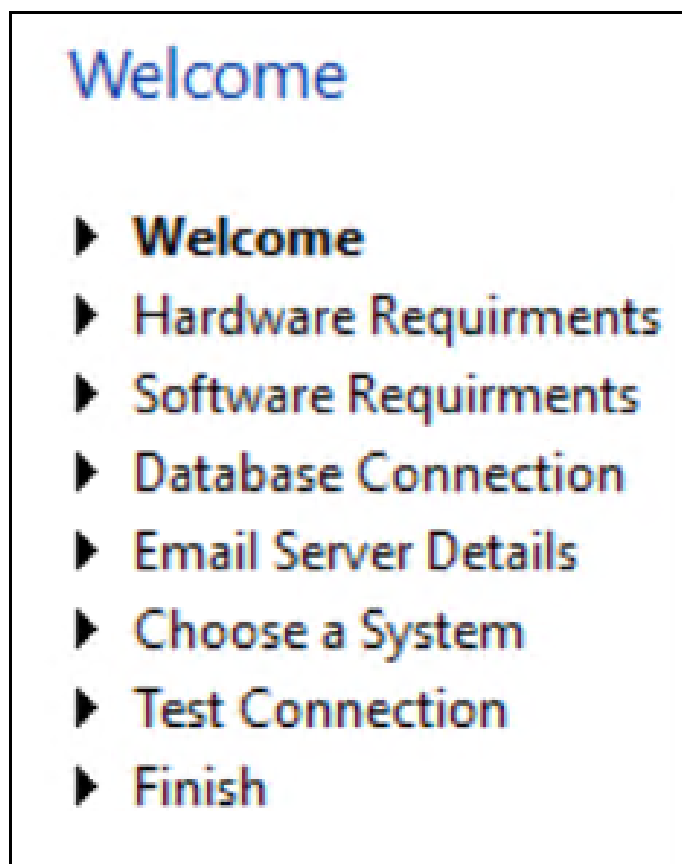
### Introduction

The Spotlight Prerequisites checker tool can be used to ensure server software and hardware readiness for a Spotlight Installation.

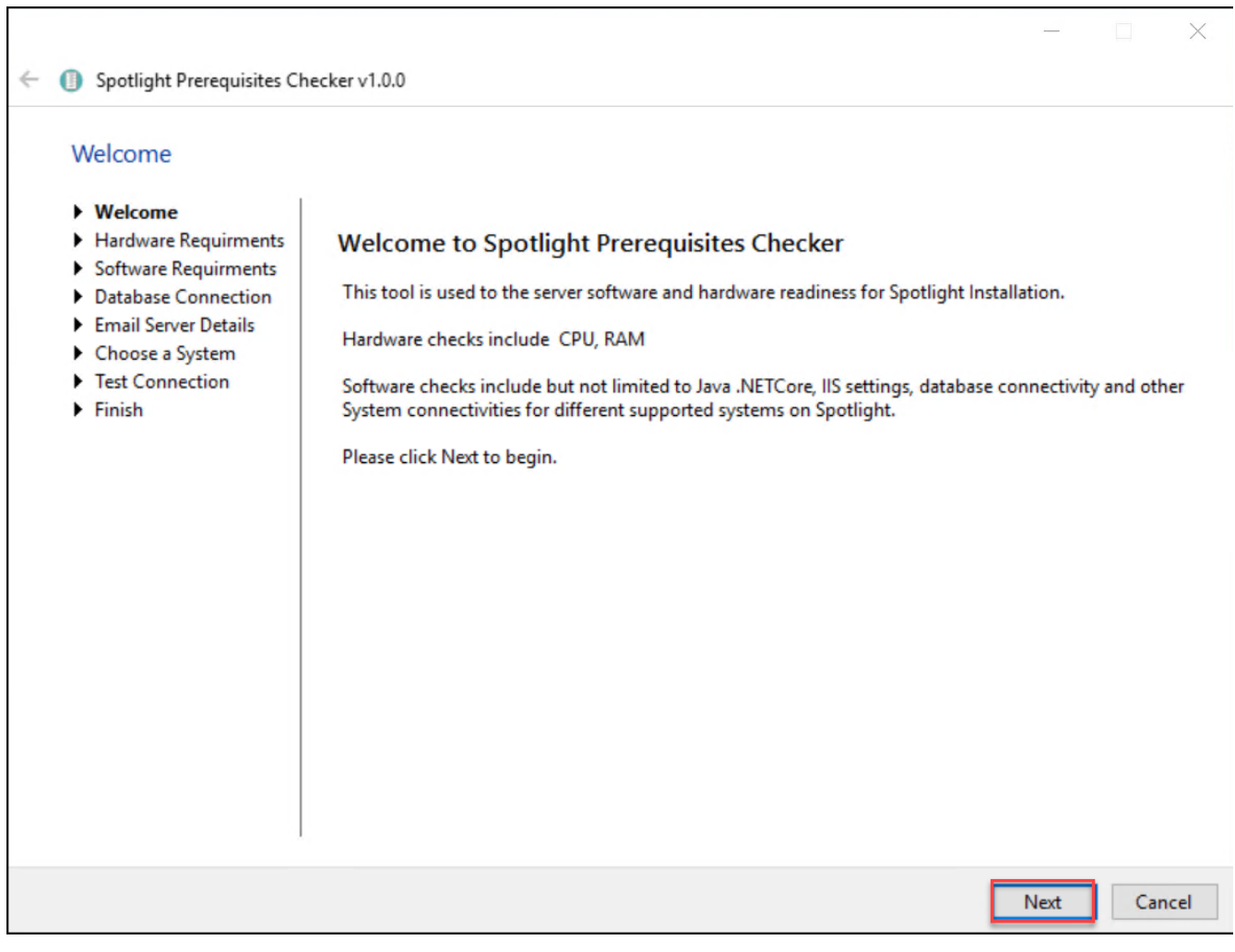
Hardware checks include CPU and RAM

Software checks include (but not limited to), Java, .NETCore, IIS Settings, database connectivity and other system connectivities required for different supported systems on Spotlight.

The left hand side of the screen displays the category of checks, which have to be completed in sequence

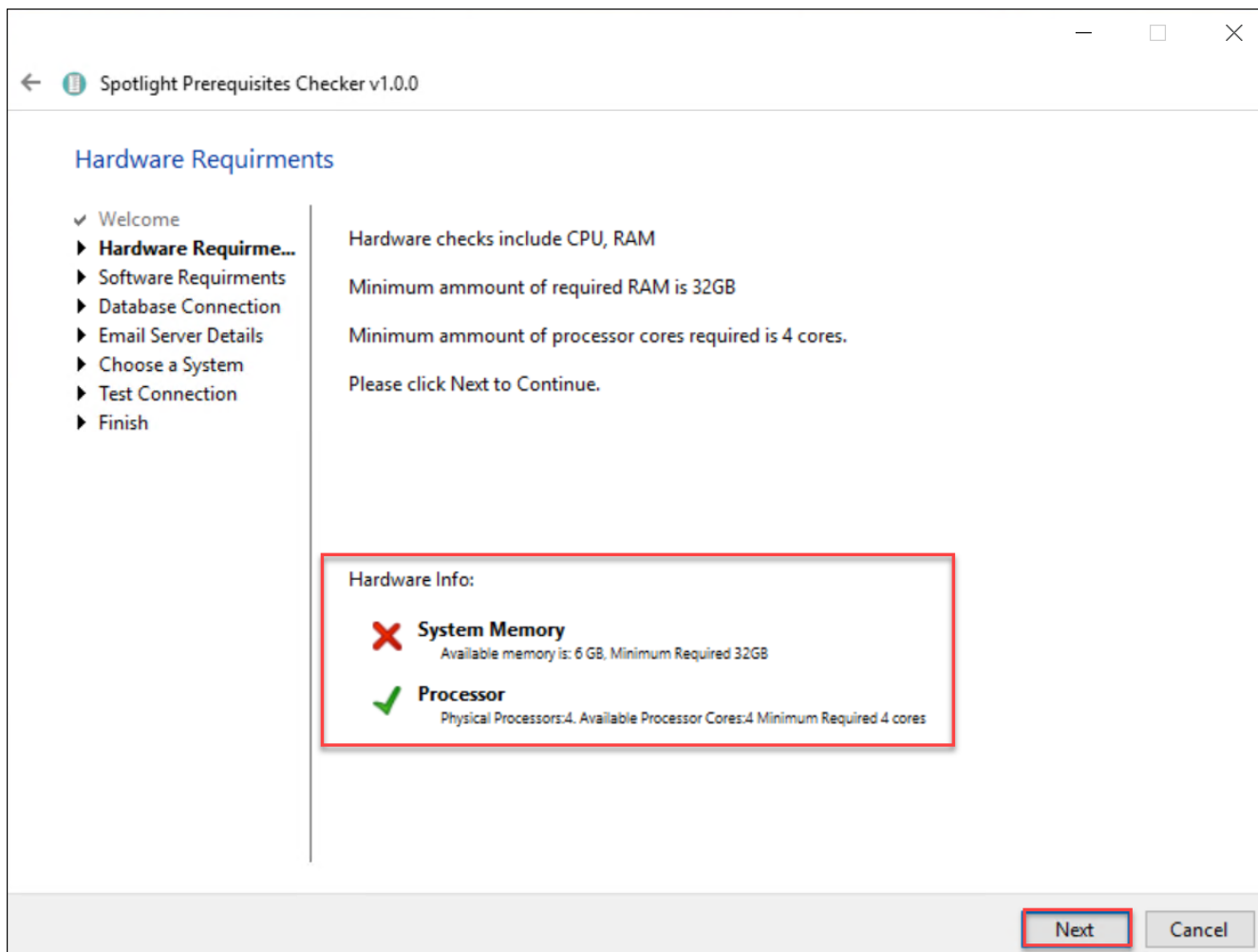


To begin, select **"Next"**



## Hardware Requirements

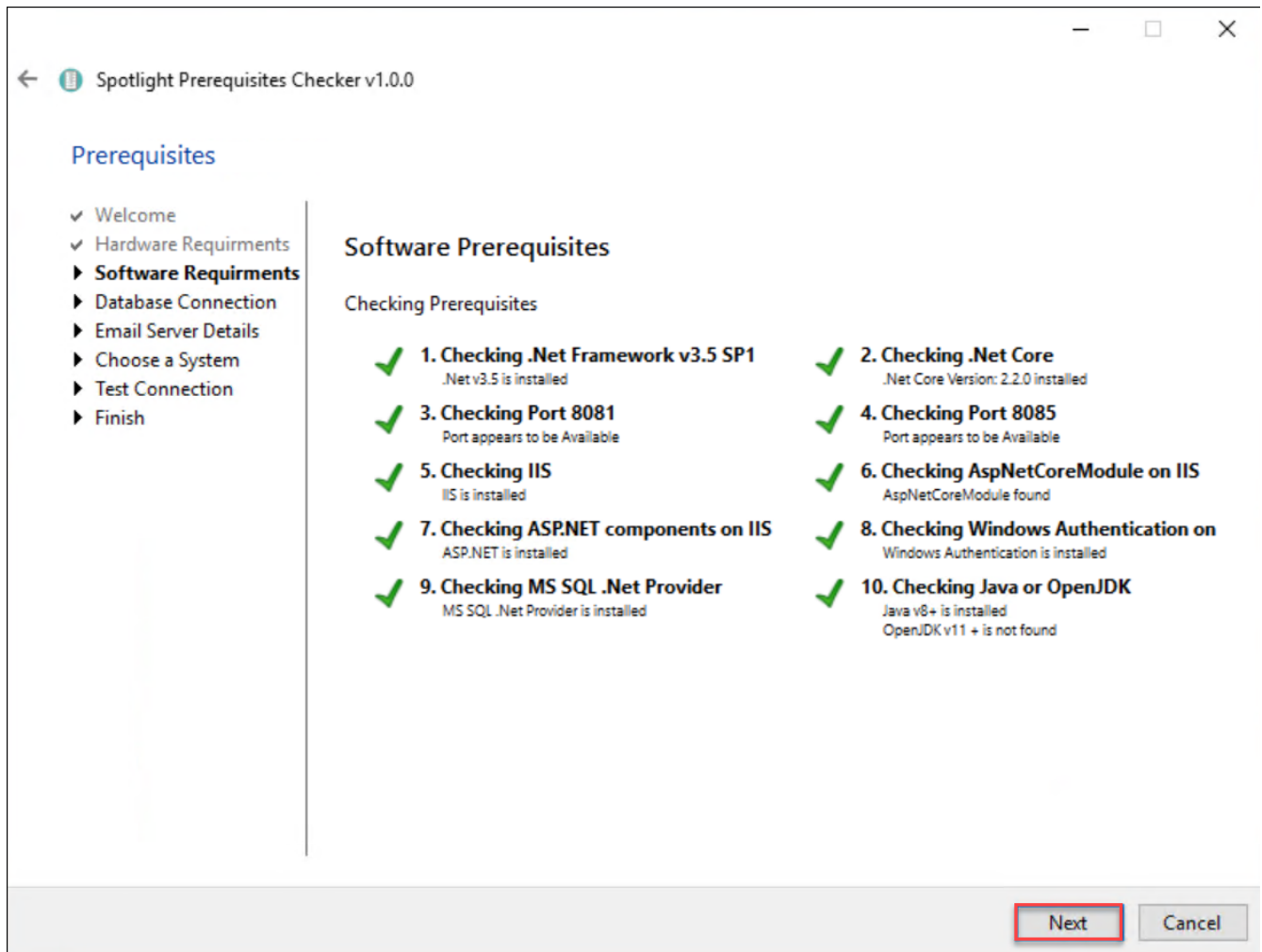
The **Hardware Requirements** page indicates if the System Memory of the server meet the requirements of Spotlight. Any values beneath the minimum requirements will be highlighted by a red cross, and those that pass by a green tick



- Select "**Next**"

## Software Requirements

The **Software Requirements** page checks all server software requirements and indicates if they meet the requirements of Spotlight. Any values beneath the minimum requirements will be highlighted by a red cross, and those that pass by a green tick



- Select **"Next"**

## Database Connection

The **Database Connection** page is used to test the connection strings to the **slconfig** and **Spotlight** databases if they exist or create them if they do not.

or

The Database Connection page is used to test connection to the database server and to test that the provided user has the required permissions to create the spotlight databases.

If the client has already created the databases, instead, this page can be used to test connection to them.

Spotlight Prerequisites Checker v1.0.0

### Database Connection

- ✓ Welcome
- ✓ Hardware Requirments
- ✓ Software Requirments
- ▶ **Database Connection**
- ▶ Email Server Details
- ▶ Choose a System
- ▶ Test Connection
- ▶ Finish

### Database

Databases (slconfig and spotlight) with the following connection to the server must exist or will be created.  
 The user login specified in the connection details should have the dbcreator server role to be able to create databases on the target server.  
 If the databases are already created please click Skip database creation.

Database Server: ☒ MS SQL ☐ Oracle

Connection

Data Source=WIN-4RK9KDGTEBL;Initial Catalog=slconfig;User ID=slconfig;Password=slconfig;

☐ Skip database creation

- Firstly select if the databases will be MS SQL or Oracle.

Database Server: ☒ MS SQL ☐ Oracle

- Next, manually adjust the following information in the **Connection** field:

- For **SQL**

- **Data Source** - the IP or Host name of the db server
- **Initial Catalog** - the name of the slconfig db
- **User ID** - the username of the spotlight db account
- **Password** - the password of the spotlight db account

Connection

192.168.3.4;Initial Catalog=slconfigTest;User ID=spotlight;Password=Sp0tli1

- For **Oracle**
- **User ID**
- **Data Source** - the IP or Host name of the db server and **db Name**
- **Password** - the password of the spotlight db account

Connection

POOLING=True;USER ID=spotlight;DATA SOURCE=192.168.3.4/slconfig

Alternatively you can instead :

- Select **Setup**

- For **MS SQL - SQL Server Authentication**

Database Server: ☒ MS SQL ☐ Oracle

Connection

192.168.3.4;Initial Catalog=slconfig;User ID=spotlight;Password=Sp0tli1

- Enter the Server Name
- Select **Use SQL Server**

Data Source=192.168.3.4;Initial Catalog=slconfig Test;Persist Security Info=True;User=spotlight;Password=spotlight

**Authentication**  
Enter the spotlight db account

- username and password
- Select **Save My Password**
- Select or enter a database name
- Select **slconfig** if the database has been created by the client
- Enter **slconfig** if the database is yet to be created
- Select **Test Connection** - an error will be displayed if the connection fails. This error will vary depending on the reason for the failure
- If the connection succeeds, select **OK**
- Select **OK**

- For **MS SQL - Windows Authentication**
- Enter the Server Name
- Select **Use Windows Authentication**
- Select or enter a database name
- Select the slconfig database if it has been created by the client
- Enter **slconfig** if the database is yet to be created
- Select **Test Connection** - an error will be displayed if the connection fails. This error will vary depending on the reason for the failure
- If the connection succeeds, select **OK**
- Select **OK**

- For **Oracle**
- Enter the **Server Name & Db Name**
- Enter the spotlight db account username and password
- Select **Test Connection** - an error will be displayed if the connection fails. This error will vary depending on the reason for the failure
- If the connection succeeds, select **OK**
- Select **OK**

**IS THIS NEEDED?** If the database has already been created by the client, select **Slconfig database creation**

- Next select **Run Tests**
- Result will be displayed indicating if connection was made to the database server and if the user can create databases.

Repeat the process above for the Spotlight database only if the database has already been created

Once the connection strings have been tested, select **Next**

Microsoft SQL Server (SqlClient) Change...

Server name:  
 Refresh

Log on to the server

☒ Use Windows Authentication  
☐ Use SQL Server Authentication

User name:

Password:

☐ Save my password

Connect to a database

☐ Select or enter a database name:

## Email Server

The **Email Server** page is used to specify the settings of the email server that will be utilised by Spotlight to send email notifications. Enter the following information:

- Enter the following information:
- **Host** - Email server address
- **Port** - change if port 25 cannot be used
- **SMTP Username** - Email server username
- **SMTP Password** - Email Server password
- **From Address** - The email address that notifications are to be sent by
- Select **Test Connection** to validate the entered information

← Spotlight Prerequisites Checker v1.0.0

Email Server Details

- ✓ Welcome
- ✓ Hardware Requirements
- ✓ Software Requirements
- ✓ Database Connection
- ▶ **Email Server Details**
- ▶ Choose a System
- ▶ Test Connection
- ▶ Finish

Email Server Details

Please use the following page to provide the details for the communications server

SMTP

Host

Port

Username

Password

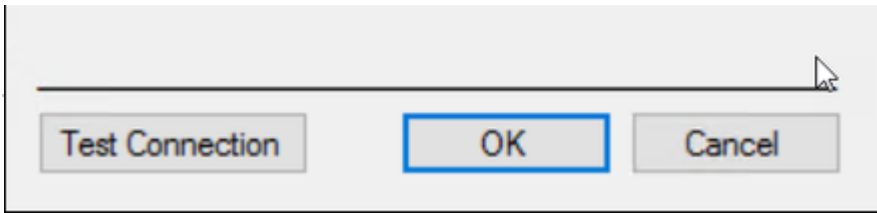
From Address

Test Connection

Next Cancel

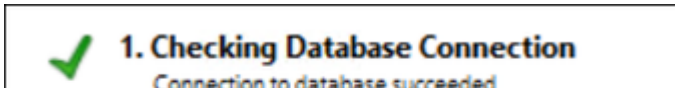
• A message will be displayed indicating if the





connection to the email server was successful or not  
• Select **Next**

## Choose a System



• Using the radio buttons, select the System that Spotlight is to connect to and track  
• Select **Next**

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Choose a System

- ✓ Welcome
- ✓ Hardware Requirements
- ✓ Software Requirements
- ✓ Database Connection
- ✓ Email Server Details
- ▶ **Choose a System**
- ▶ Test Connection
- ▶ Finish

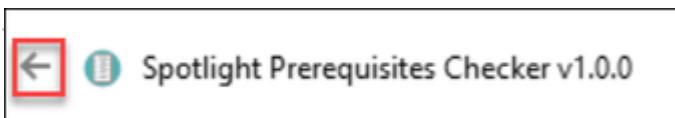
**Supported Systems**

Please use the following page to choose one of the supported system for testing the connection and credentials that will be used post product install.

- ☐ Avaya Communication Manager
- ☐ Avaya Session Manager
- ☐ Avaya System Manager
- ☐ Cisco UCM
- ☐ Genesys PureConnect
- ☒ Genesys PureEngage
- ☐ Oracle/ACME SBC

Next Cancel

NB: If Spotlight is to be used to track multiple systems of different system types or multiple environments of the same system type, then the process of checking system connections can be repeated. Once a system has been tested, use the back button to go to the “**Choose a System**” page, and repeat the process.



## Test Connection

The **Test Connection** information that needs to be entered will vary depending on what system was selected on the **Choose a System** page as follows -

### Avaya Communication Manager

- In the **Communication Manager** section, enter the following information
  - Version
  - IP Address
  - Port number
  - Login
  - Password

**1. Communication Manager**

Version:

IP address:

Port:

Login:

Password:

- In the **AES** section, enter the following information
  - Version
  - IP Address
  - Port number
  - Confirm AES SMS SDK is enabled
  - TLS 1.2 - select if TLS 1.2 is enabled in Avaya

• Select **Test Connection with ACM**

- A message will be displayed indicating if the connection was successful or not
- Select **Next**

**2. AES**

Version:

IP address:

Port:

☒ Confirm AES SMS SDK is enabled

☐ TLS 1.2

#### Avaya Session Manager

- In the **Remote Host** section, enter the following information
  - SMGR IP Address
  - Port number - leave as 0 to use the default ssh port
  - Login name
  - Password

• Select **Test Connection with ASM**

- A message will be displayed indicating if the connection was successful or not

**1. Communication Manager**

Version:

IP address:

Port:

Login:

Password:

**2. AES**

Version:

IP address:

Port:

☒ Confirm AES SMS SDK is enabled

☐ TLS 1.2

• Select **Next**

#### Avaya System Manager

- In the **Remote Host** section, enter the following information
  - IP Address
  - Port number - leave as 0 to

3. Test Connection with ACM

Next Cancel

1. Remote Host

SMGR IP address: 192 . 168 . 255 .

Port: 2020 Leave 0 to use default ssh port, otherwise please specify

Login: user

Password: \*\*\*\*\*

2. Test Connection with ASM

Next Cancel

1. Remote Host

IP address: 172 . 101 . 50 .

Port: 2222

SSH Login: dadmin

Password: \*\*\*\*

Web Username: web

Password: \*\*\*\*\*

Protocol: ☒ http ☐ https

2. Test Connection

Next Cancel

- use the default ssh port
- SSH Login name
- Password
- Web Username
- Web Password
- Protocol - http or https
- Select **T**est **C**onnection
- A message will be displayed indicating if the connection was successful or not
- Select **N**ext
- Cisco UCM
- Enter the following information
- Hostname/IP
- Username
- Password
- Port
- Select **T**est **C**onnection with **UCM**
- A message will be

displayed indicating if the connection was successful or not

- Select **Next**

• Enter the following information  
• Server Address  
• Server Port  
• Username  
• Password

• Select **Next**

Configuring Genesys PureEngage requires information for

1. CUCM

IP/Hostname: CUCM-95

Username: admin

Password: \*\*\*\*\*

Port: 8443

2. Test Connection with CUCM

Next

Cancel

- Select **Test Connection with Device**
- A message will be displayed indicating if the connection was successful or not

1. Pure Connect

Server Address: http://77.00.197.70

Server Port: 80

Username: spotlight

Password: \*\*\*\*\*

2. Test Connection with Device

Next

Cancel

both CME and GAX, which can be added using the appropriate tabs

Genesys

- In the **Config Server** Section, enter the following information
  - Primary Hostname or IP
  - Primary Port

Genesys GAX

1. Config Server

Hostname or IP: WIN-SDRLFQMQKNV

Port: 2020

- In the **MessageServer** Section, enter the following information
  - Primary Hostname or IP

- Primary Port

**2. Message Server**

Hostname or IP:

Port:

- In the **Authentication and Options** Section, enter the following information
  - CME Username
  - Password
  - Application Name
  - SDP Producer Application Name - default **SpotlightAuditServer**
  - SDP Consumer Application Name - default **SpotlightAuditServerEC**
  - Select **Is Genesys TLS Enabled** if this applies

**3. Authentication and Options**

Username:

Password:

Application Name:

SDP App Name Producer:

SDP App Name Consumer:

☐ Is Genesys TLS enabled?

- Select **Test Connection**
- A message will be displayed indicating if the connection to **Config Server and Message Server** was successful or not

**Genesys** GAX

1. Config Server  
 Hostname or IP: WIN-SDRLFQMQKNV  
 Port: 2020

2. Message Server  
 Hostname or IP: WIN-SDRLFQMQKNV  
 Port: 2050

3. Authentication and Options  
 Username: default  
 Password: \*\*\*\*  
 Application Name: default  
 SDP App Name Producer: SpotlightAuditServer  
 SDP App Name Consumer: SpotlightAuditServerEC  
☐ Is Genesys TLS enabled?

4. Test Connections

Next Cancel

- Select **Next** - this can only be selected once **GAX** data has been populated also

## GAX

- Select **Enable GAX Monitoring** and enter the following details:
  - Is GAX version <= v8.5.1
  - Hostname or IP
  - Is GAX on https
  - Port
  - Username
  - Password
- Select **Test Connection with GAX**
- A message will be displayed indicating if the connection was successful or not

Genesys **GAX**

1. GAX Server

☒ Is GAX version <= 8.5.1?

Hostname or IP: 77.74.194.168

☐ Is GAX running on https?

Port: 8040

Username: default

Password: \*\*\*\*\*

**2. Test Connection with GAX**

Next Cancel

- Select **Next** - this can only be selected once **CME** data has been populated also

#### Oracle/ACME SBC

- Enter the following information
  - IP Address
  - Username
  - Password
  - SSH Port
- Select **Test Connection with SBC**
- A message will be displayed indicating if the connection was successful or not

1. SBC Host

IP Address: 1 . 99 . 13 . 22

Username: Username

Password: \*\*\*

SSH Port: 2322

**2. Test Connection with**

Next Cancel

- Select **Next**

## Finish

The checking process is now complete

- To view the generated log, select **View Log**
  - Select **Finish**
-