

•rayNET



RayVentory

Smarter Software and Hardware Inventory

Quick Guide RayVentory - Installing Remote Console

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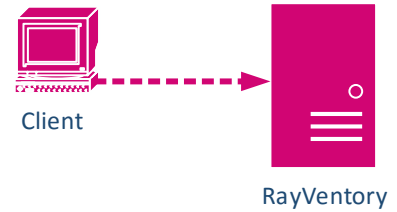
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RayVentory is part of RaySuite.

Quick Guide RayVentory - Remote Console

This guide is designed to configure your RayVentory server for the Remote Console usage.



Before you proceed

This guide assumes:

- The RayManageSoft Administration Server is already setup and preconfigured.
- You are familiar to the local and/or global security policy management for Microsoft Windows.

The RayVentory release notes and full-size documentation are available in addition to this document.

I. Purpose

As long the remote console is not installed only a local management for the RayManageSoft Administration Server is possible.

Note: The Remote Console will only work with Windows Authentication. Therefore client and server have to be part of the same or trusted Active Directory (AD) Domain.

II. Solution (Setup Remote Console)

The following configuration items and installation steps are necessary for the remote console:

Group membership

Before starting the installation make sure the AD user or group who will use the console is part of the following local groups (RayVentory Server):

MGS Administrators
MGS Data Modifiers

SQL Server configuration

To ensure the remote database access the TCP/IP protocol has to be enabled (server).

- I. Start the SQL Server Configuration Manager
- II. Select SQL Server network Configuration -> Protocols for <InstanceName>
- III. Protocol -> Enabled = Yes
- IV. IP Adresses -> Set all **TCP Port** to **1433**, leave TCP Dynamic Ports field empty

Enable the SQL Server Browser to even further improve the access options

- I. Start the SQL Server Configuration Manager
- II. SQL Server Services
- III. Enable and start **SQL Server Browser**

Both settings are disabled by default for an Instance of SQL Express.

Insert Domain

To enable Windows Authentication and set the user rights, the target domain has to be enabled and the data to be reconciled.

Open SQL Server Management Studio SSMS and add the new Domain (RayVentory Server). For following examples we will use "Domain.local" :

```
EXEC          [ManageSoft].[dbo].[DomainCreate] 'DC=Domain,DC=local', 'AD'

UPDATE       [ManageSoft].[dbo].[Domain]
Set          [FlatName] = 'Domain'
WHERE       [DN]='DC=Domain,DC=local'
```

Set domain configuration

```
UPDATE [Managesoft].[dbo].[DomainConfiguration]
Set    [Value] = 1
WHERE  [DomainID] = (
    SELECT
        [OrganizationID]
    FROM
        [ManageSoft].[dbo].[Domain]
    WHERE
        [DN]='DC=Domain,DC=local'
    ) AND
    [Property] in (
        'ADReconcile',
        'MergeComputers',
        'MergePolicies',
        'MergeUsers',
        'ReconcileSites'
    )
)
```

Enable AD reconcile

```
reg add "HKLM\Software\ManageSoft Corp\ManageSoft\Administrator\CurrentVersion" /v
DirectorySystem /t REG_SZ /d AD;MGS /f /reg:32
```

Start AD reconcile

```
"\Program Files (x86)\RayVentory\Reporter\polmerge.exe" -d "DC=Domain,DC=local" -R -f
```

Disable AD reconcile

```
reg add "HKLM\Software\ManageSoft Corp\ManageSoft\Administrator\CurrentVersion" /v
DirectorySystem /t REG_SZ /d MGS /f /reg:32
```

Set Group Permission

Assign the Admin Rights for a specific group to grant server access. As an example for all Domain Users:

```
DECLARE @GroupId AS int = (
    SELECT
        GroupID
    FROM
        [ManageSoft].[dbo].[Group] AS g
    INNER JOIN
        [ManageSoft].[dbo].[Organization] o
        ON o.[OrganizationID] = g.[GroupOUID]
        AND o.[RDN] IS NOT NULL
    INNER JOIN
        [ManageSoft].[dbo].[Domain] d
        ON d.[OrganizationID] = o.[DomainID]
        AND d.[DN] = 'DC=Domain,DC=local'
    WHERE [GroupCN] = 'Domain Users'
)
EXEC [ManageSoft].[dbo].[RightSetAdminRightsByGroupID] @GroupId
```

Cleanup

Remove unnecessary AD Policies from the RayVentory Server database.

```
DELETE
FROM
    [ManageSoft].[dbo].[Policy]
WHERE
    [DomainID] in (
        SELECT
            [OrganizationID]
        FROM
            [ManageSoft].[dbo].[Domain]
        WHERE
            [DN]='DC=Domain,DC=local'
    )
```

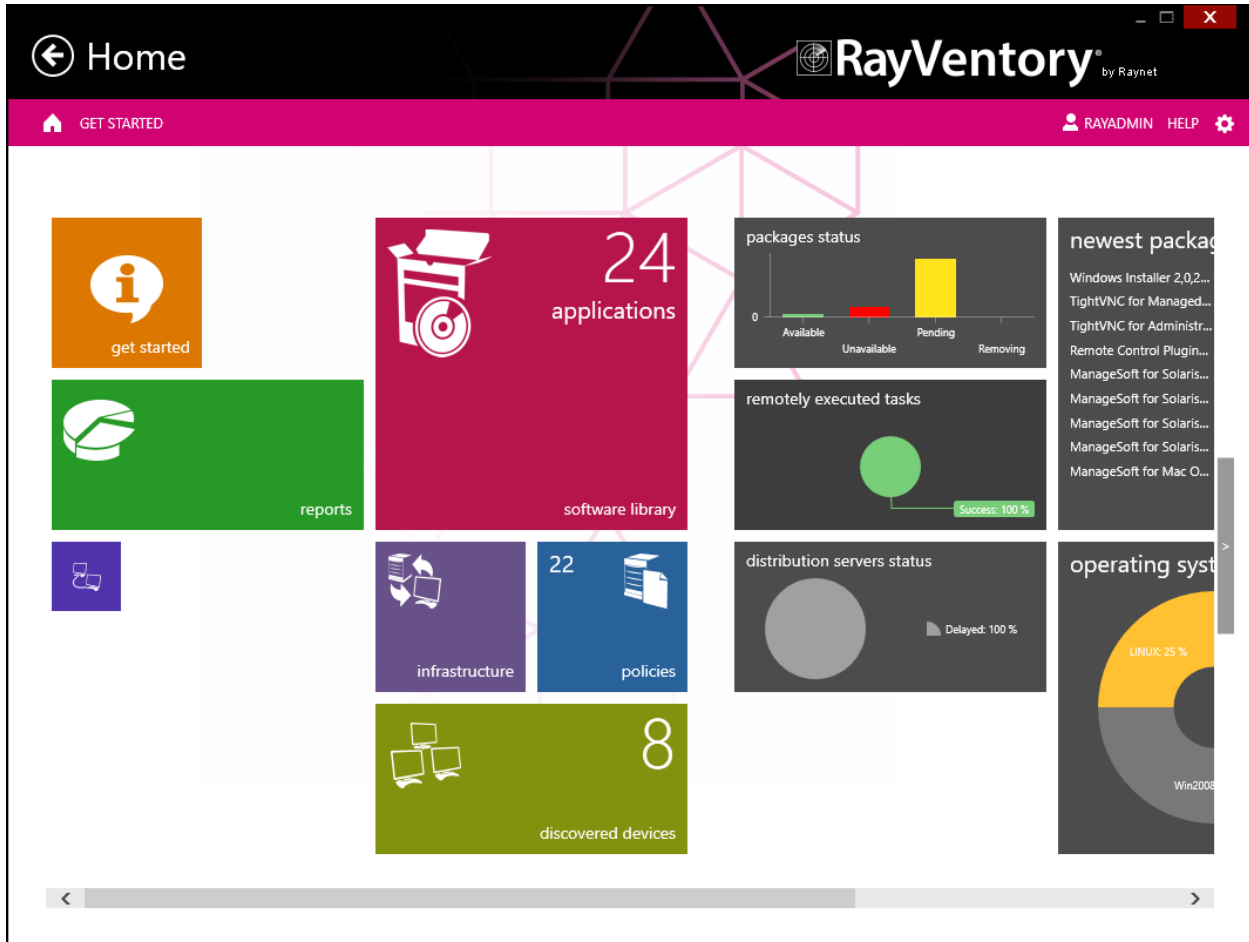
Remote Console Installation

To install the remote console you can either use the full RayVentory Server Setup or the dedicated package for the remote console.

For a quick installation use the following command line (client):

```
MSIEXEC /qb /i "ManageSoft for administration servers.Msi" /L*v
"RayVentoryConsoleSetup.log" WAREHOUSEDIR2="C:\RayVentory"
IGNORE_ADD_USER_ERRORS=TRUE TRANSFORMS="ManageSoft administration console.mst"
JAVA_HOME=1 ACCESSMODE=remote REBOOT=ReallySuppress
CORESERVERNAME=<RayVentoryServerName>
SQLSERVERNAME=<RayVentoryServerName>\<InstanceName>
REPORTSSERVERHOSTNAME=<RayVentoryServerName>
WAREHOUSEDIR="\<RayVentoryServerName>\ManageSoft$"
```

Click the “Deployment Manager Administration Server” to start the remote console (client).



The screenshot shows the RayVentory Home dashboard. At the top left, there is a "Home" button with a back arrow. The top right corner features the RayVentory logo and the text "by Raynet". Below the header, there is a navigation bar with "GET STARTED" on the left and "RAYADMIN HELP" on the right. The main dashboard area contains several tiles and panels:

- get started**: An orange tile with an information icon.
- reports**: A green tile with a report icon.
- software library**: A large pink tile showing "24 applications".
- packages status**: A bar chart showing the status of packages: Available (green), Unavailable (red), Pending (yellow), and Removing (grey).
- remotely executed tasks**: A panel showing a green circle and a "Success: 100%" indicator.
- newest packages**: A list of packages including Windows Installer 2.0.2..., TightVNC for Managed..., TightVNC for Administr..., Remote Control Plug..., ManageSoft for Solaris..., ManageSoft for Solaris..., ManageSoft for Solaris..., ManageSoft for Solaris..., and ManageSoft for Mac O...
- infrastructure**: A purple tile with a server icon.
- policies**: A blue tile showing "22" policies.
- discovered devices**: A green tile showing "8" discovered devices.
- distribution servers status**: A panel showing a grey circle and a "Delayed: 100%" indicator.
- operating systems**: A panel showing a pie chart with "LINUX: 25%" and "Win2008" (partially visible).

At the bottom of the dashboard, there is a horizontal scrollbar.