

DESlock+ Basic Setup Guide

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Overview

DESLock+ Enterprise Server includes several encryption solutions that you can distribute to client PCs by way of the DESLock+ Enterprise Server Console. This guide will help you download and install DESLock+ Enterprise Server Console, distribute an encryption key to clients and encrypt your client PCs. To learn more about a DESLock+ encryption solution for your business, visit <http://www.eset.com/us/business/technology-alliance/deslock/>.

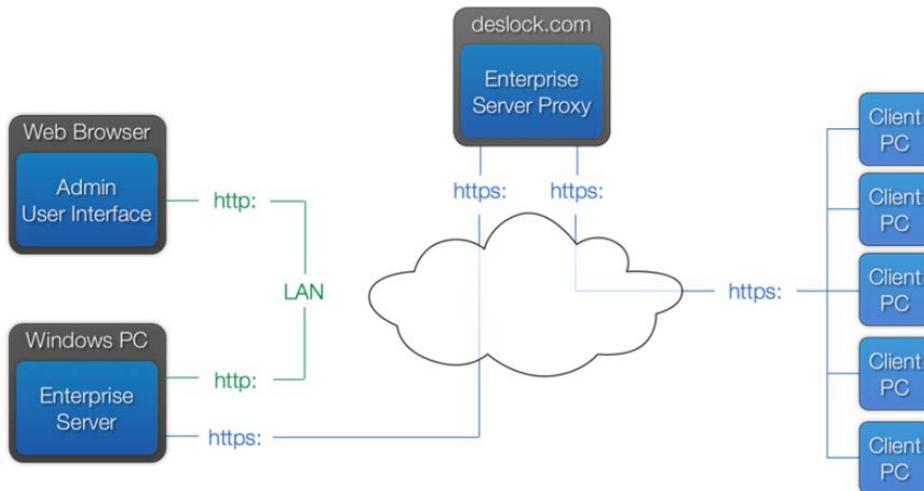


Figure 1
How the DESLock+ cloud distributes policies and instructions to client PCs

System requirements:

Enterprise Server

- 32-bit: Windows XP SP3 and later
- 64-bit: Windows Server 2003 and later
 - RAM: 1GB (more is recommended for more recent operating systems)
 - Disk space (installation): 30GB free space
 - Pre-installed software:
 - SQL Server 2005 Express or later
 - Port 443 must be configured for access to the Internet for successful connection of DESLock+ software to the cloud proxy and licensing servers

Client PCs

- Operating System: Windows XP SP3 or later
- Disk space (installation): 64mb free space
- Access to the Server Proxy (HTTPS)

Before installing

1. Visit the [DESlock+ Server download page](#) and click **Download DESlock+ Server PRE-INSTALL**. Save the file to the server where you will install DESlock+ Enterprise Server.
2. Make sure that you have both of the license emails you received following your purchase of DESlock+ ready. You will need the **Proxy ID** and **Product key** in these emails during installation.

Download and installation

1. Double-click the **DESlock+ Server PRE-INSTALL** package. The Setup Wizard will guide you through the install process.
2. Select **DESlock+ Cloud** when prompted to select your deployment proxy settings and then click **Next**.
3. When prompted for your SQL server details, leave the default values unchanged and click **Next**.

Configure DESlock+ Enterprise Server

Create your organization

1. Log in to DESlock+ Enterprise Server using the admin credentials you created during installation.
2. If you use Active Directory (AD), select the Active Directory organization that you want to use.
3. Enter a name to use for your organization—this will be used when navigating in DESlock+ Enterprise Server.

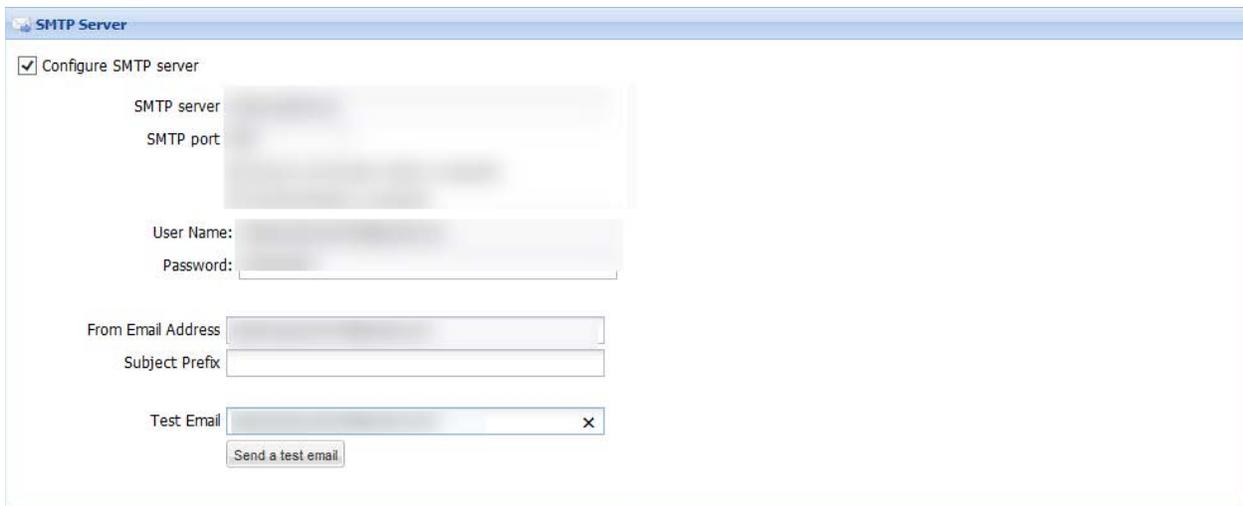
Add your license key

1. In the DESlock+ Enterprise Server Console, select **[your organization]** in the navigation tree and click the **Licenses** tab.
2. Click **Add**.
3. Type a description into the **License Description** field and then type your license information into the appropriate fields. Click **Add** when you are done.
4. Your server and client licenses are separate, so you will need to repeat this process to add each license before moving forward.

Configure SMTP Server settings (optional)

If your organization uses an SMTP server, configure these settings to allow DESLock+ Server to send email via SMTP.

1. Click **Control panel > Settings**.
2. Scroll down to the **SMTP Server** section and select the check box next to **Configure SMTP server**.
3. Enter the Fully qualified Domain name (FQDN) for your SMTP server and the port used for SMTP communications.
4. If you use SSL communication, select **Secure connection (SSL) is required**.
5. If your mail server requires users to submit their credentials to log in, select **Authentication is required** and type your mail server username and password into the appropriate fields.
6. Click **Send a test email** to verify that your settings were entered correctly.



The screenshot shows a window titled "SMTP Server" with a checked checkbox for "Configure SMTP server". Below this, there are several input fields: "SMTP server" and "SMTP port" (grouped together), "User Name:" and "Password:" (grouped together), "From Email Address", "Subject Prefix", and "Test Email" (with a close button 'x'). A "Send a test email" button is located at the bottom of the form.

Figure 2

Adding SMTP server information will allow you to take advantage of DESLock+ email notifications

Sync with Active Directory (optional)

If your organization uses Active Directory, configure these settings to allow DESlock+ Server to access user information from Active Directory.

1. Click **Control Panel > Organisations**, select **[your organization]** from the list and then click **Active Directory Settings**.
2. Select the check box next to **Active Directory Sync Configured**.
3. Type the Fully qualified Domain name (FQDN) or IP address of the computer on which your Active Directory is installed into the **Directory Path** field.
4. Type your Active Directory administrator Username and Password into the appropriate fields.
5. Select one of the options under **Sync Mode**:

Manual Import: The simplest method of importing new users. You will need to select each user that you want to import. If the user's DN changes, DESlock+ will not move them between teams.

Automatic with Team Import: This will retain Organization unit (OU) information configured in Active Directory and use it to create teams in DESlock+ Enterprise Server.

Basic Automatic Import: This will add AD users to the organization root, but will ignore any OU information configured in AD.

6. Click **Test** when you are done configuring settings. If settings are properly configured, the following dialog will be displayed:

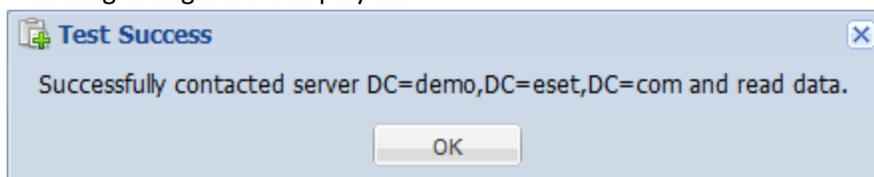


Figure 3

7. When you are finished, click **Main View**, select **[your organization]** from the navigation tree, select the **Active directory** tab and then click **Sync**. You can resync at any time to refresh Active Directory settings.

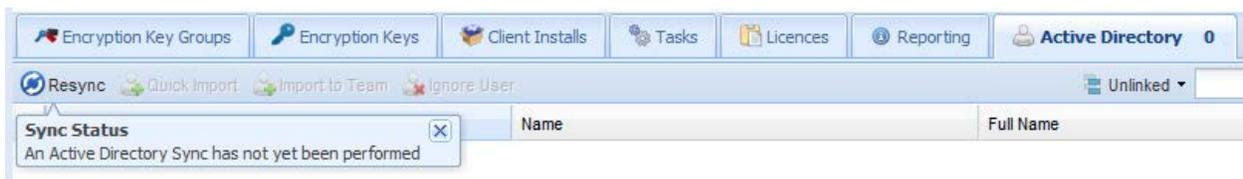
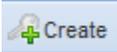


Figure 4

Define your encryption key(s)

1. Select **[your organization]** from the navigation tree, click the **Encryption Keys** tab and then click  to define a new encryption key.
2. Type a name for the key into the **Key name** field and select the type of encryption to use from the **Algorithm** drop-down menu (We recommend **AES**). Click **Save** when you are finished.

Add users to your organization

Users must be added to DESlock+ Enterprise Server before you can begin enforcing encryption.

Active Directory users:

1. Select **[your organization] > Workstations** from the navigation tree.
2. Select one or multiple users that you want to add and click **Quick Import**.

Non Active Directory users:

1. Select **[your organization] > Users** from the navigation tree.
2. Select the **Users** tab > **Add**.
3. Type the email address for the user you want to add into the dialog box and click **Add**.

Generate Activation codes for users

1. Select **[your organization] > Users** from the navigation tree.
2. Select one or more users and click **Generate Activation Codes**.
3. Click **OK** when prompted to send the activation code email(s).
4. Select **DesLock+ Pro license** from the drop-down menu and click **Continue**. Details about the license you are sending will be displayed in the **License details** window.

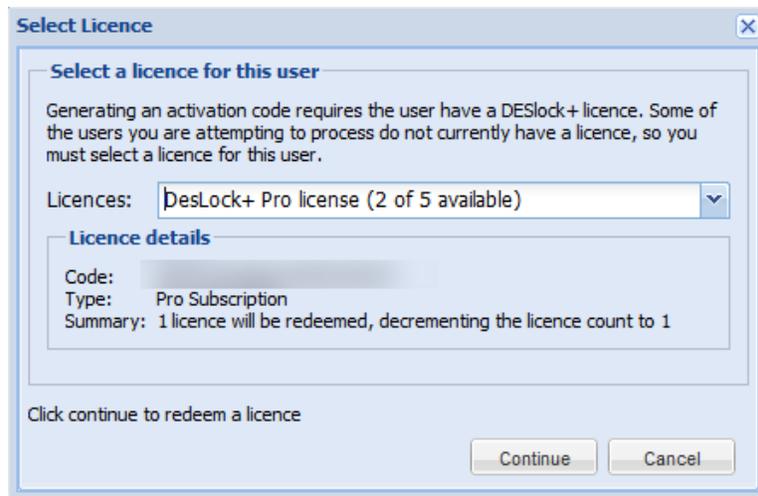


Figure 5

Push the DESlock+ installation package to client workstations

Once a user receives their activation code, they have the necessary information to complete the client-side installation process. You can then use DESlock+ Enterprise Server to distribute the DESlock+ client installation package to users.

Identify Network workstations and distribute the installation package

1. Select **[your organization] > Workstations > Network workstations**.
2. Click **Rescan Network** to add any new users. Click **OK** at the prompt.
3. Select the workstations on which you want to install the DESlock+ client and click **Push Remote Install**.
4. Review settings and enter the necessary Administrator credentials in the **Workstation Details** dialog. We recommend that you click the **Managed Uninstall** tab and select the check box next to **Enable Managed Uninstall Mode**.
5. When you are done with configuration, click **Post** to send the package to clients.

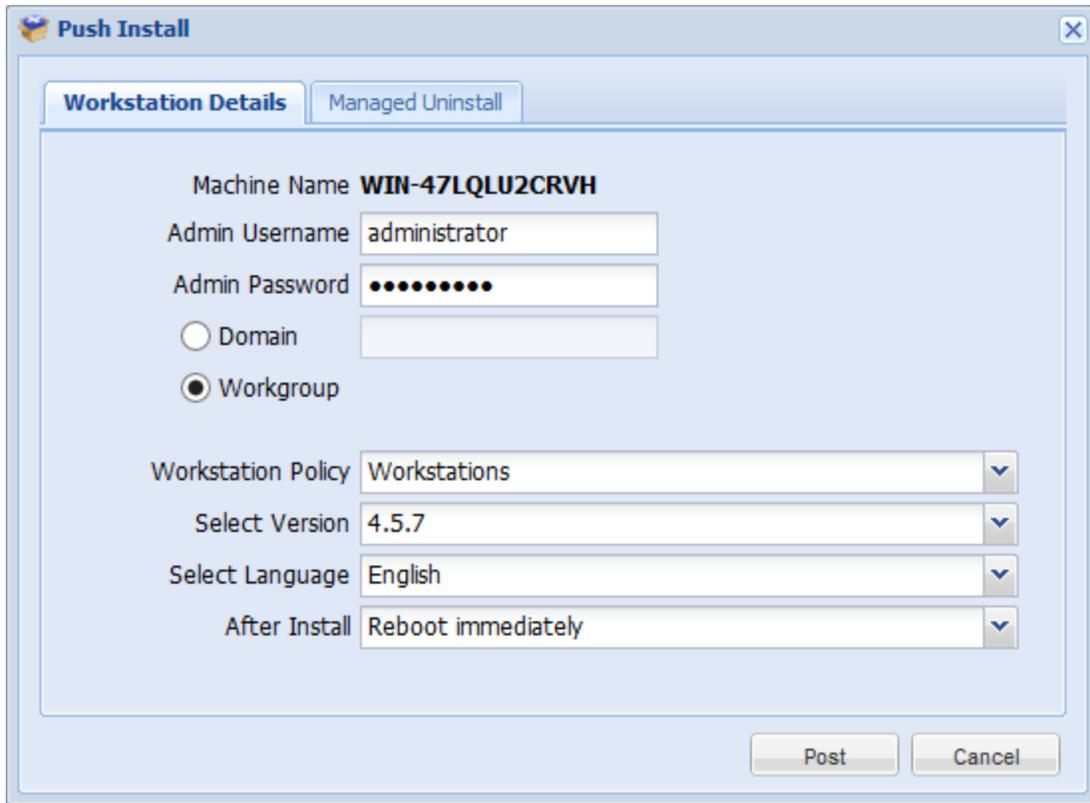


Figure 6

Complete installation on client workstations

1. Restart the client workstation after the DESlock+ installation package is finished downloading.
2. Click **OK** to open the DESlock+ Setup Wizard.
3. Follow the prompts from the wizard, type the activation key from the email you sent in [Add users to your organization](#) and then click **OK**.
4. Once activation is complete, type a password that will be used to log in at the client level into the **Password** and **Confirm Password** fields and then click **OK**.

Add active users to Encryption Key Groups

Once a user is active, you can add that user to an Encryption Key Group in DESlock+ Enterprise Server.

Create a key group and assign encryption keys

1. Select [**your organization**] from the navigation tree, click the **Encryption Key Groups** tab and click **Create**.
 - a. Type a name into the **Key group name** field.

- b. Double-click the users that you want to add to your new group and click **Add**.
2. In the **Add Encryption Keys to Key Group** dialog, select the key that you created in [Define your encryption key\(s\)](#) , click **Add** and then click **Close**.

Post key-files to users

1. Select **[your organization] > Users** from the navigation tree and click the **Users** tab.
2. Select your active user(s) and click **Post key file**. The **Status** column will change to display **User has an update pending**.

Initiate Full-Disk-Encryption (DESlock+ Pro Edition only)

Once the key-file has been distributed to your client(s), you can initiate Full-Disk-Encryption (FDE) on client workstations.

Send the FDE command from DESlock+ Enterprise Server

1. Select [**your organization**] > **Users** from the navigation tree and click the **Users** tab.
2. Double-click the user that you want to trigger FDE on and click the **Workstations** tab.
3. Select the workstation you want to initiate encryption on and click **Encrypt**.
 - a. Click the **User options** tab and make sure that **Target command to specified user** and **User can choose initial password** are selected.
 - b. In the **Single sign-on options** section, define your desired settings for single sign-on. When you are finished making changes, click the **Summary** tab and click **Start Encryption**.

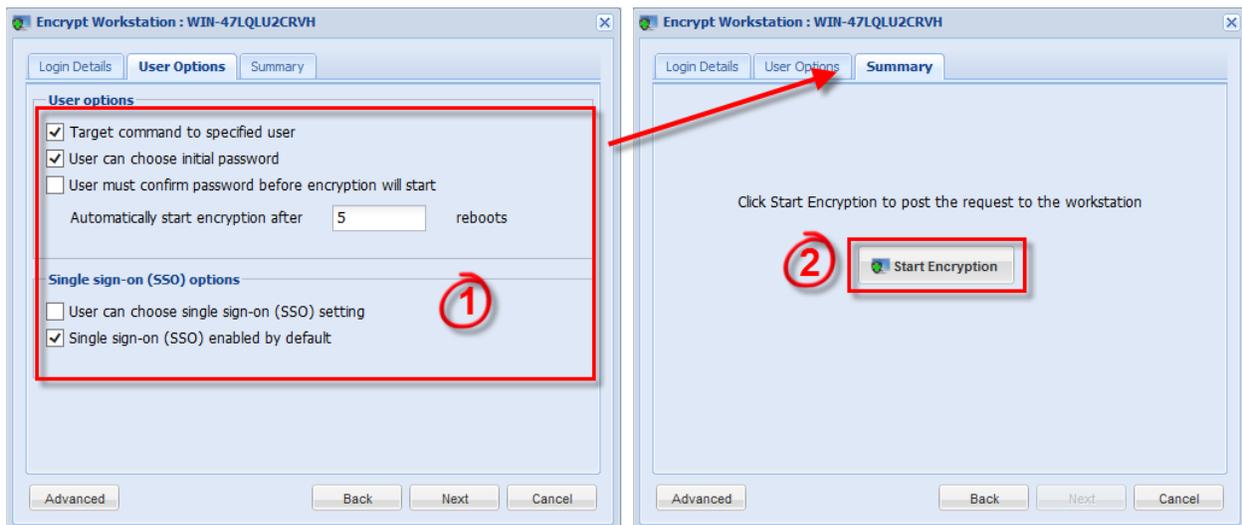


Figure 7

For additional support working with DESlock+ Enterprise Server, visit the [ESET Knowledgebase DESlock+ FAQ](#) or the [DESlock+ Knowledgebase](#).