



KONICA MINOLTA

bizhub Evolution **SECURITY CUBE**

- ▮ Installation Guide
- ▮ Version: 1.0



bizhub Evolution

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Specifications

The On-Premise-Security Cube is a first generation Hyper-V.
To use the Security Cube, the following requirements must be met:

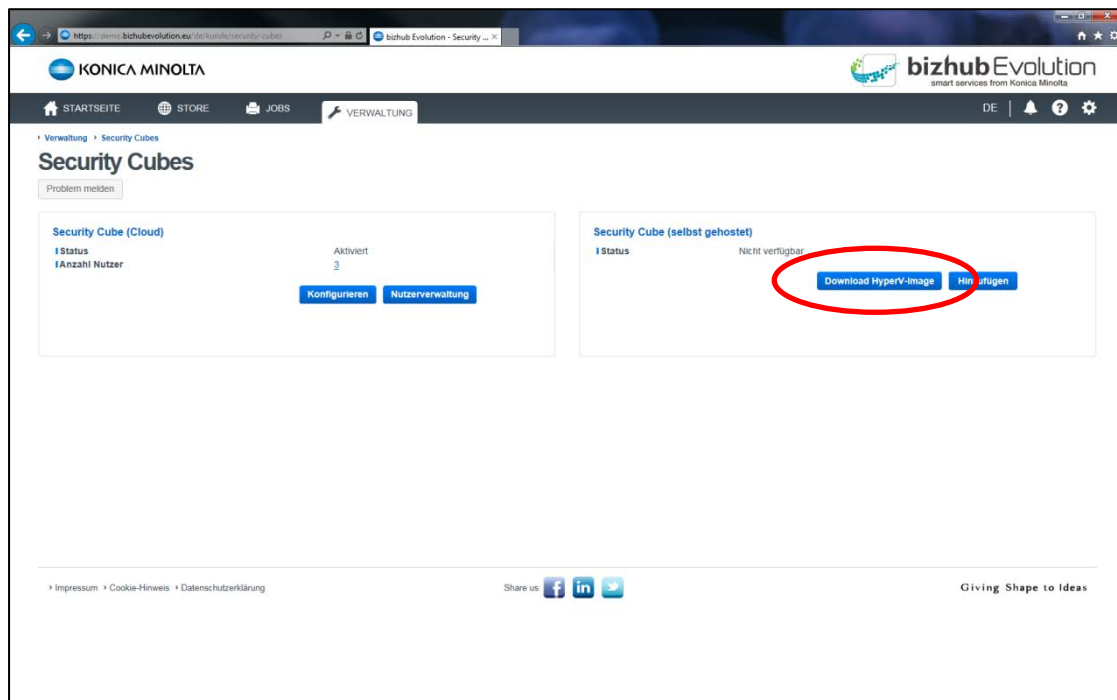
- Existing Microsoft Hyper-V environment
- Internet connection
- 1 GB RAM for virtual machines

In the case of proxy authentication:

- "Basic Authentication" is supported.

Preparation

1. Download "HyperV Image" by bizhub Evolution.

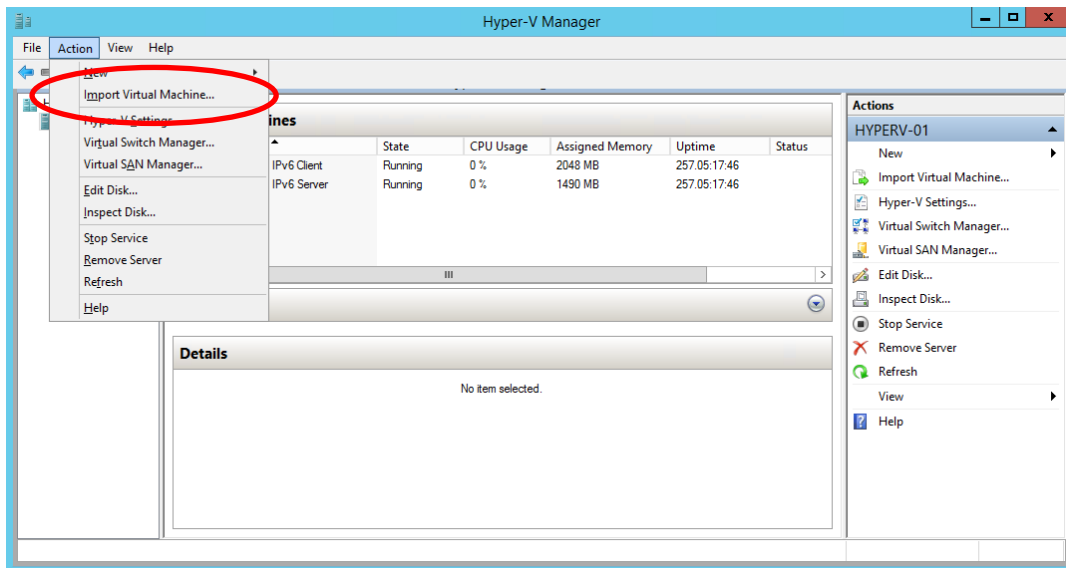


2. Save and unpack the *.zip archive on your Hyper-V server.

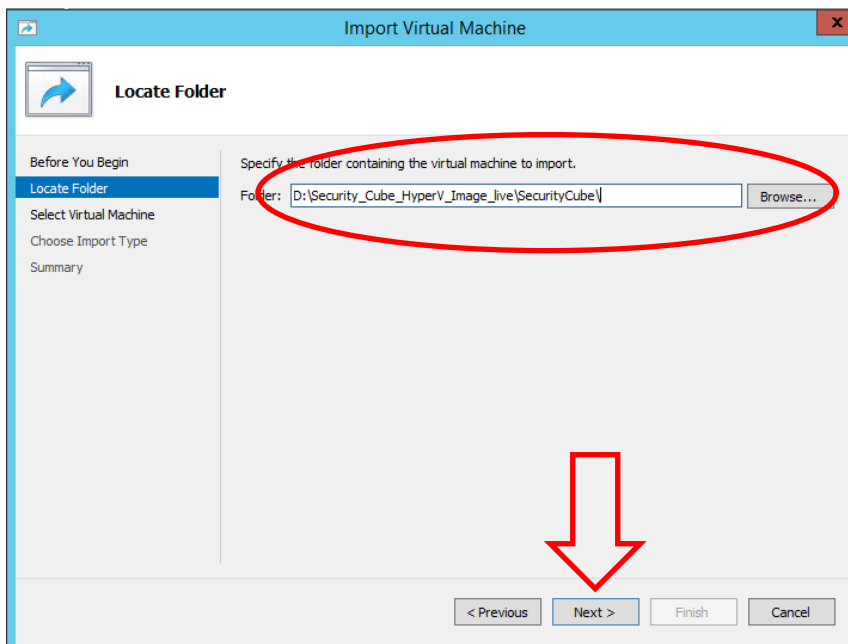
Import

Import the Hyper-V image so that you can use the Security Cube.

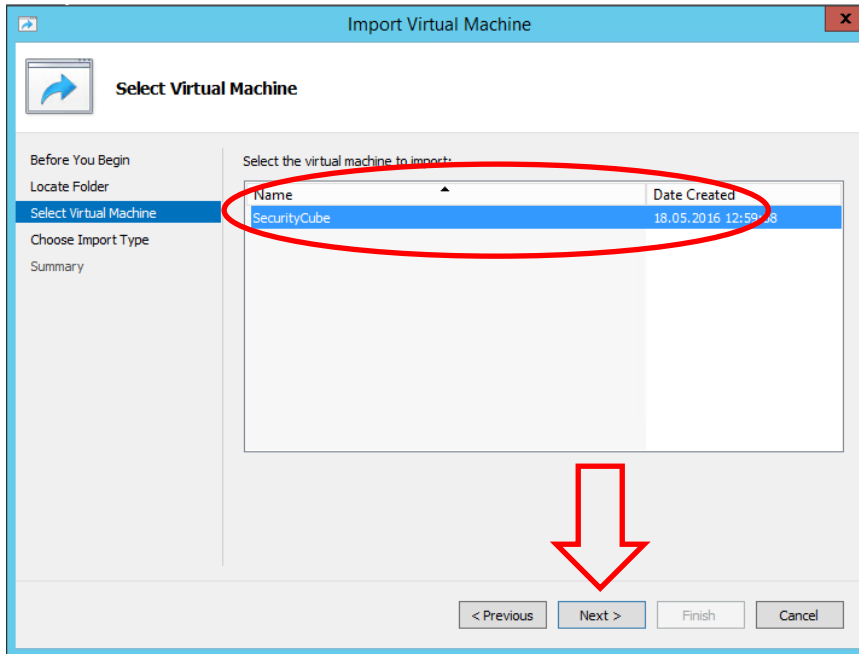
1. Start "Hyper-V Manager".
2. Select [Import Virtual Machine ...].



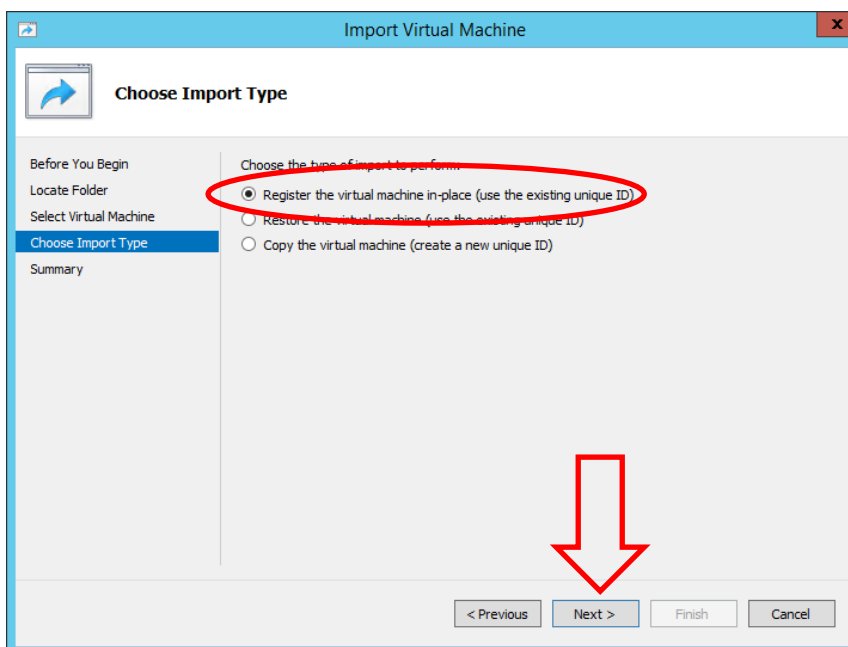
3. Select the folder containing the downloaded files.
Click on [Next].



4. Select the Security Cube in order to import it.
Click on [Next].

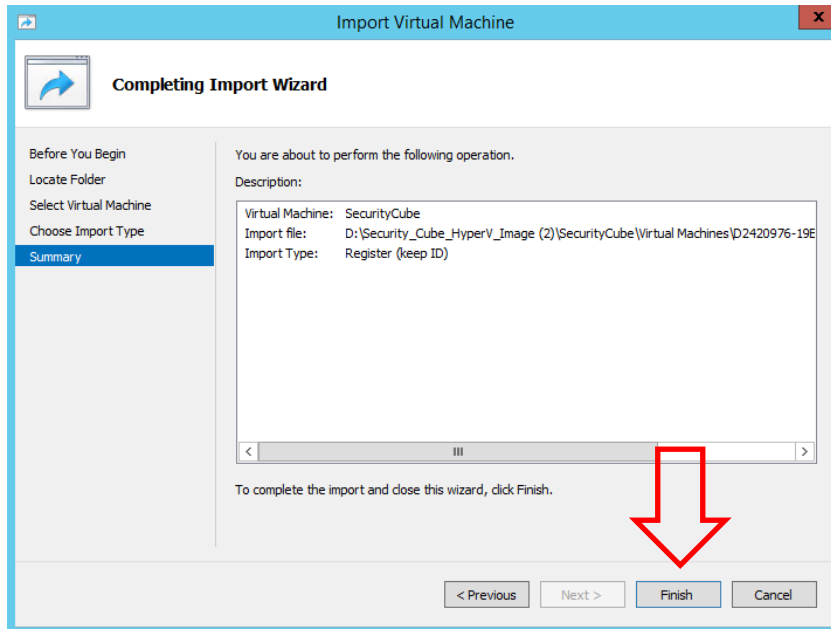


5. Select "Register the virtual machine in-place (use the existing unique ID)".
Click on [Next].



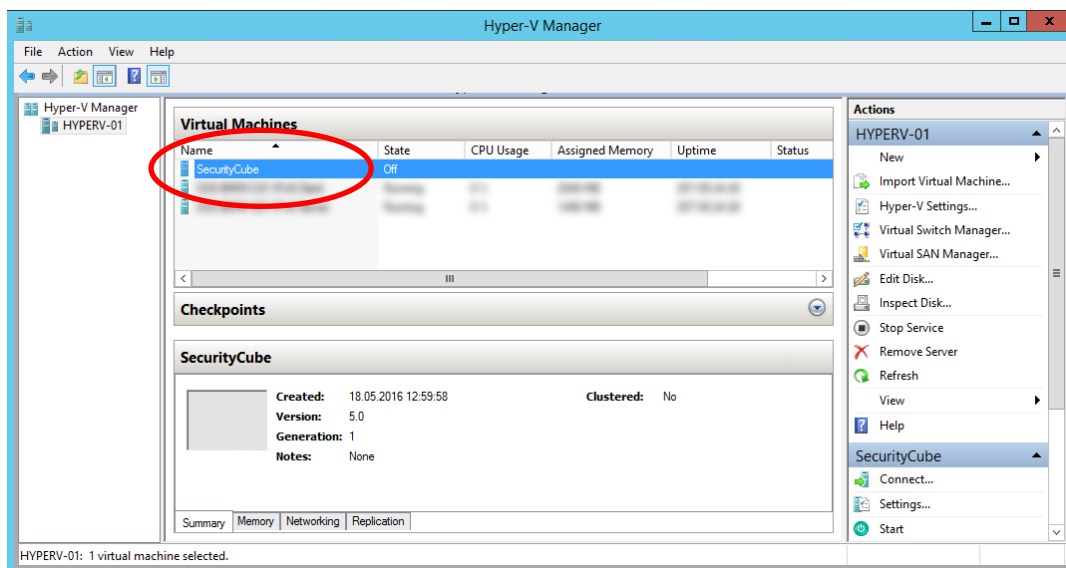
The import settings will be displayed.

- Click on [Finish] to start the import.

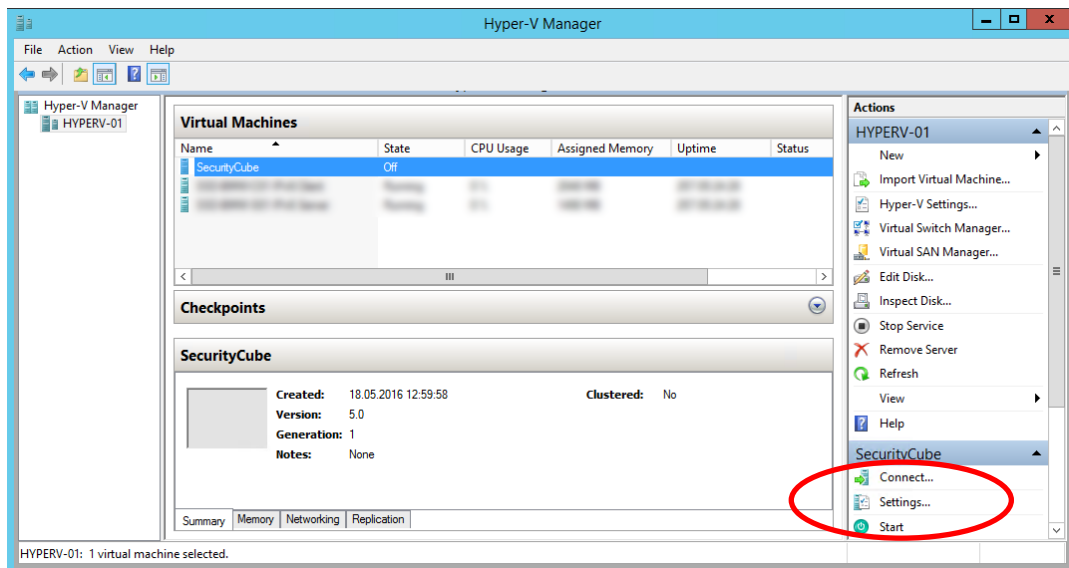


The "Security Cube" is displayed in the Hyper-V Manager.

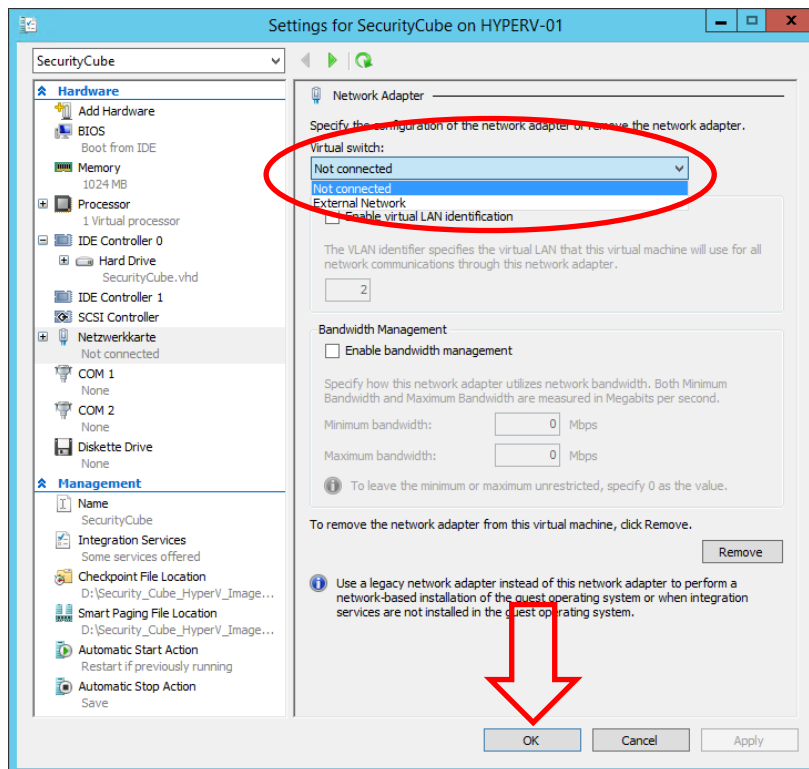
- Select the Security Cube.



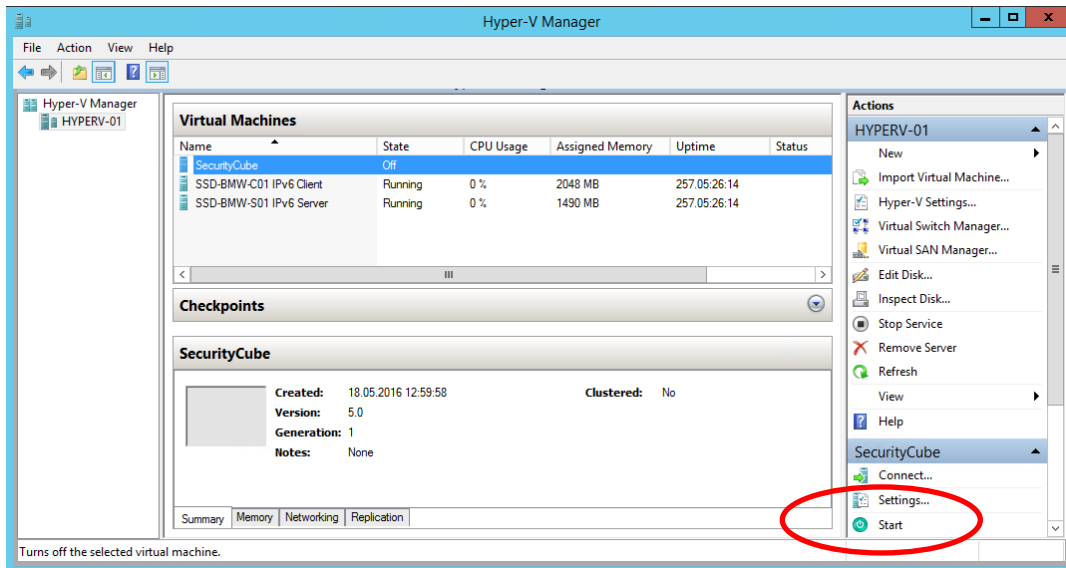
- Click on [Settings] to edit the Security Cube settings.



- Select the relevant network adapter. Click on [OK].

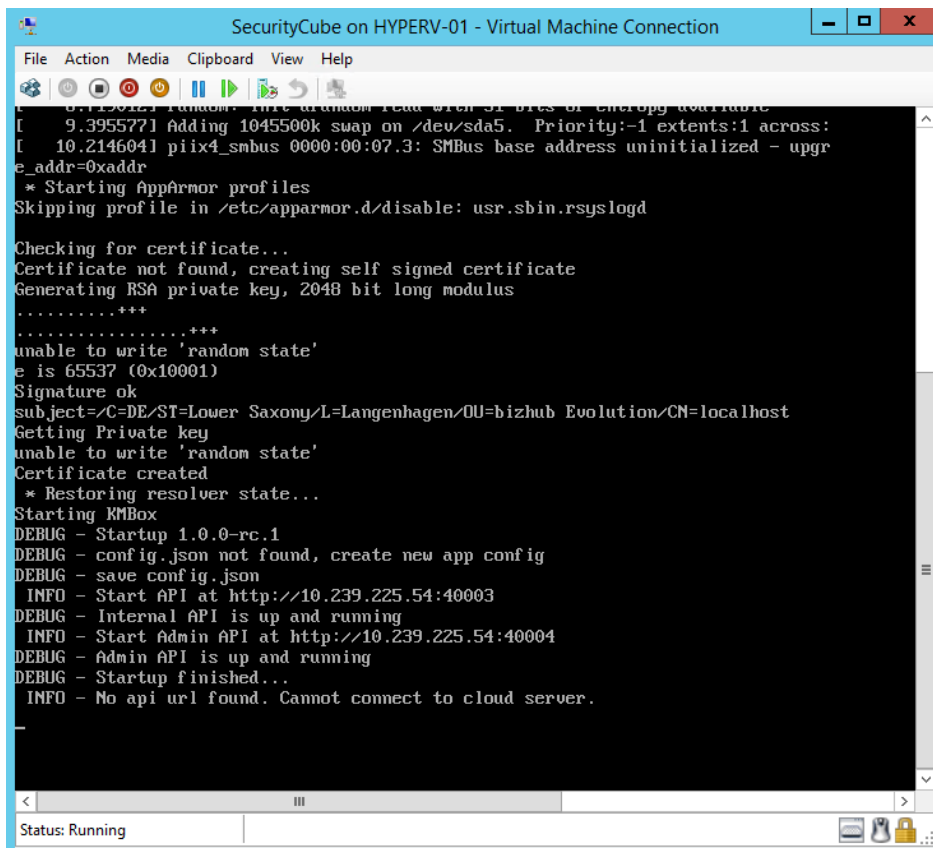


10. Select the Security Cube and click on [Start].



NOTE

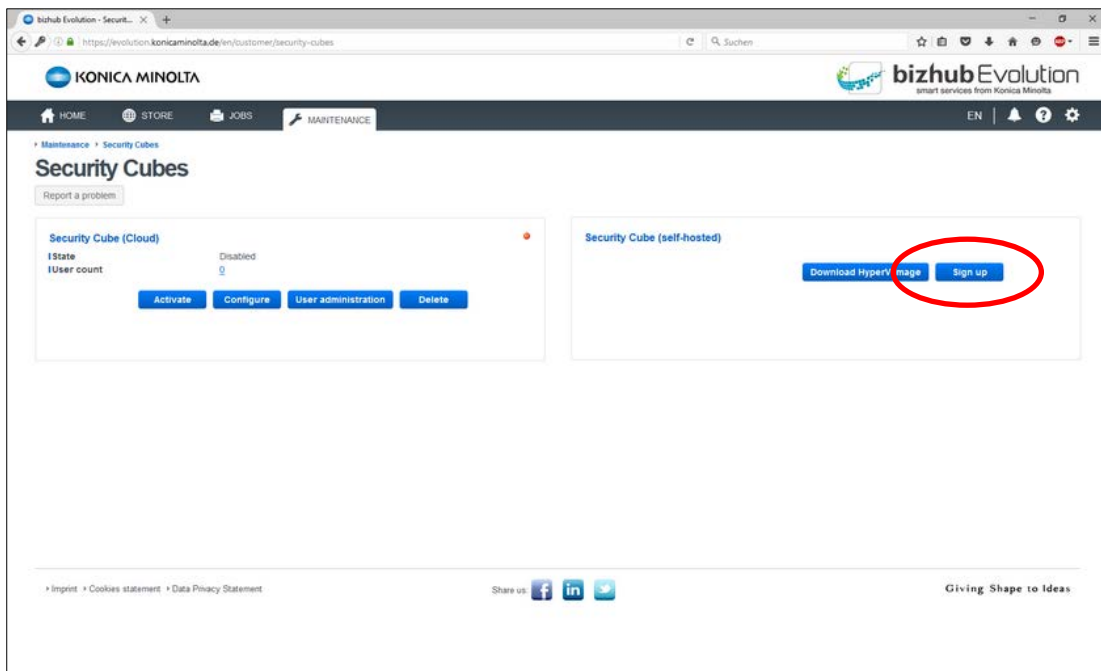
The console displays the start process and provides information on the IP address that has been assigned by your DHCP server.



Registration

Enable the Security Cube in bizhub Evolution.

1. Click on [Sign up].



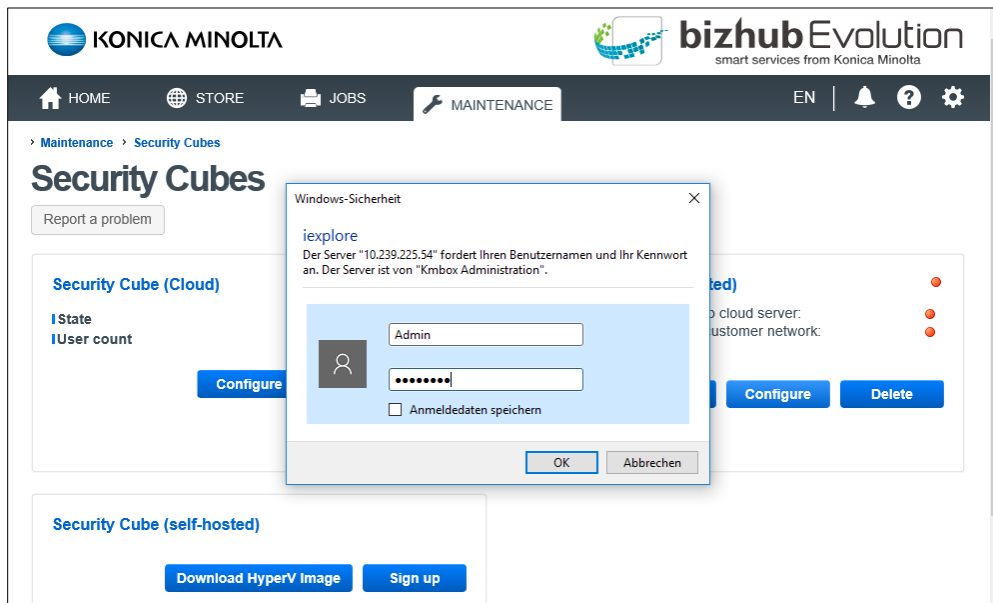
2. Follow the instructions displayed in the window.



Configuration

Log into the Security Cube to configure it.

1. Select [MAINTENANCE], [Security Cubes], [Security Cube (self-hosted)] and finally [Configure].



2. Log in with the following details:

User name: Admin
Default password: 12345678

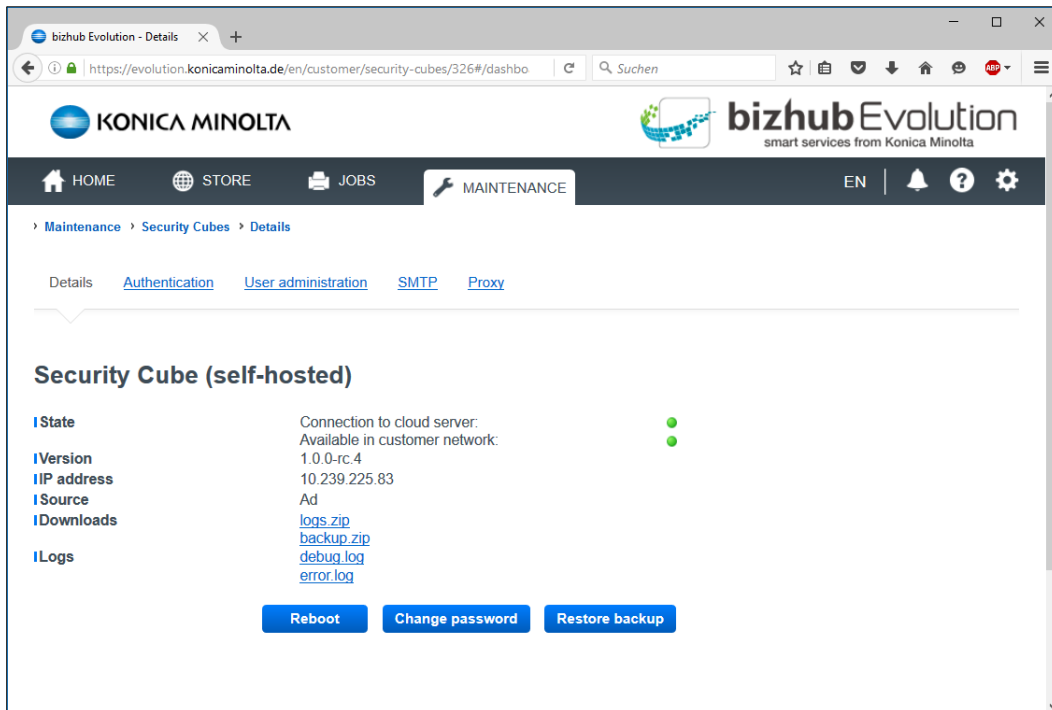
NOTE

We recommend that you change the default password immediately after logging in for the first time.

Details

Select **[MAINTENANCE]**, **[Security Cubes]** and finally **[Details]**.

Here you can find detailed information about the bizhub Evolution Security Cube.
You can download log files or create a backup copy of your Security Cube installation.



The screenshot shows a web browser window displaying the 'bizhub Evolution - Details' page. The browser address bar shows the URL: <https://evolution.konicaminolta.de/en/customer/security-cubes/326#/dashbo>. The page header includes the Konica Minolta logo and the 'bizhub Evolution smart services from Konica Minolta' branding. The navigation menu is set to 'MAINTENANCE'. The breadcrumb trail is 'Maintenance > Security Cubes > Details'. Below the breadcrumb, there are links for 'Details', 'Authentication', 'User administration', 'SMTP', and 'Proxy'. The main content area is titled 'Security Cube (self-hosted)'. It displays the following information:

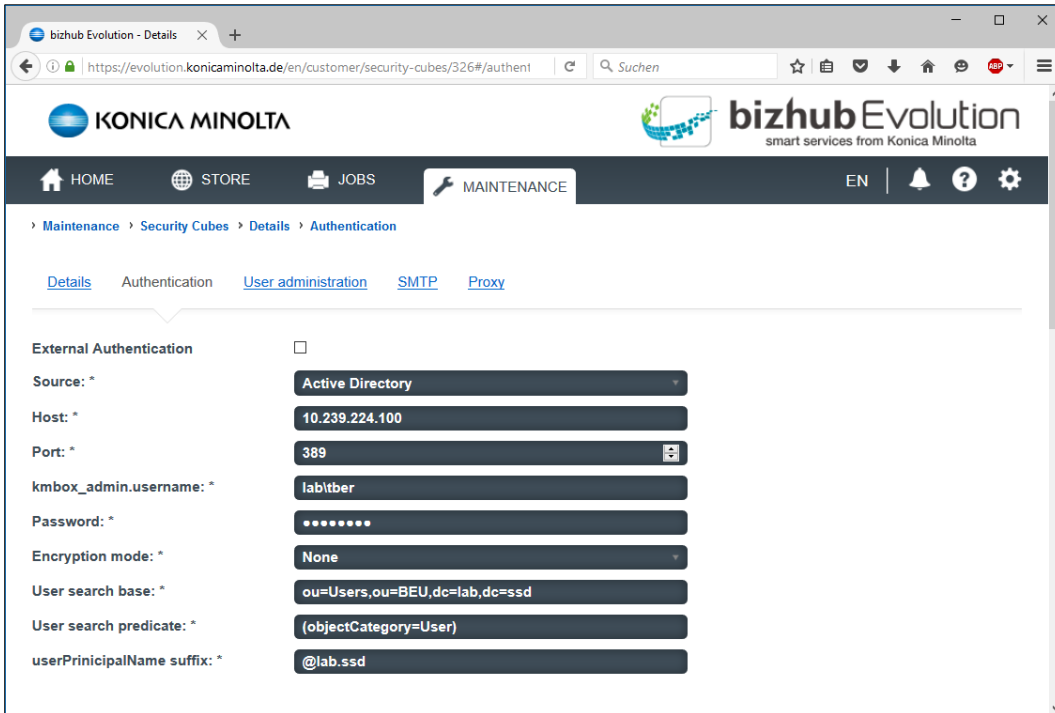
State	Connection to cloud server: ● Available in customer network: ●
Version	1.0.0-rc.4
IP address	10.239.225.83
Source	Ad
Downloads	logs.zip backup.zip
Logs	debug.log error.log

At the bottom of the details section, there are three buttons: 'Reboot', 'Change password', and 'Restore backup'.

Authentication

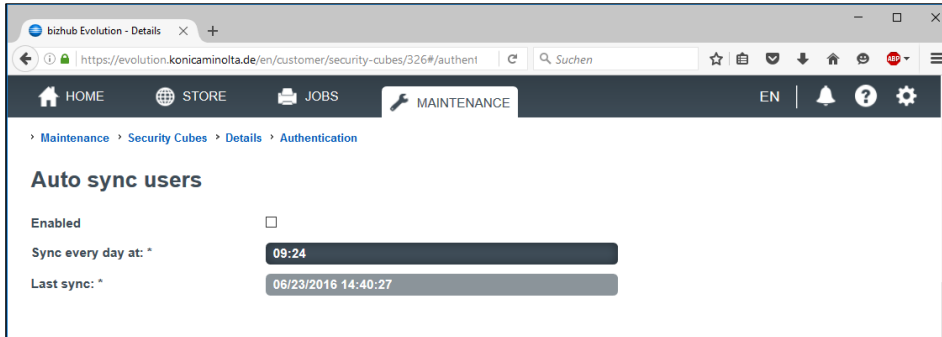
Select [MAINTENANCE], [Security Cubes], [Details] and finally [Authentication].

The example shows the settings for an Active Directory authentication.



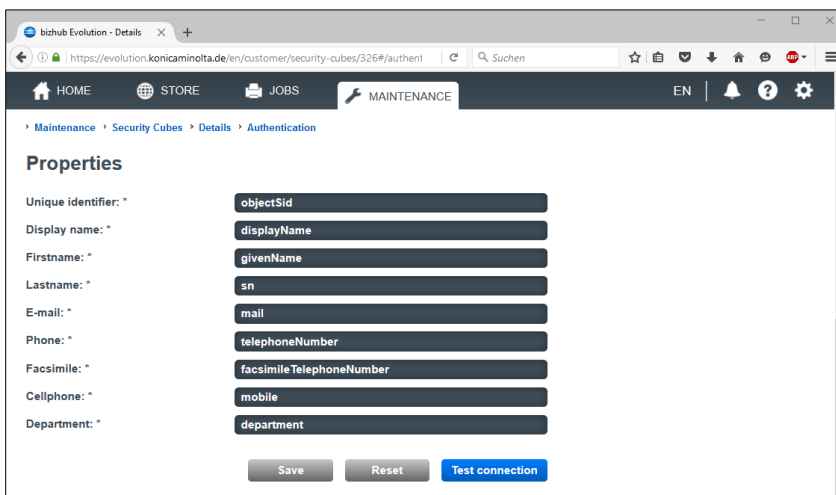
Setting	Value
Source	Active Directory
Host	IP address of your Active Directory server
Port	Active Directory communication port
kmbox_admin.username	Service Account to browse the Active Directory
Password	Password for kmbox_admin.username
Encryption mode	Active Directory encryption
User search base	Defines where the LDAP Search is started.
User search predicate	LDAP query https://technet.microsoft.com/en-us/library/aa996205(v=exchg.65).aspx
User PrincipalName suffix	UPN suffix

The bizhub Evolution Security Cube can automatically synchronize users with Active Directory. To do this, information from Active Directory is read and written to the bizhub Evolution Security Cube.



Setting	Value
Enable	Enable for automatic synchronization
Sync every day at	Time frame for the synchronization process
Last sync	Details on the last synchronization process

In the "Properties" area, you can synchronize your Active Directory settings with the bizhub Evolution user management.



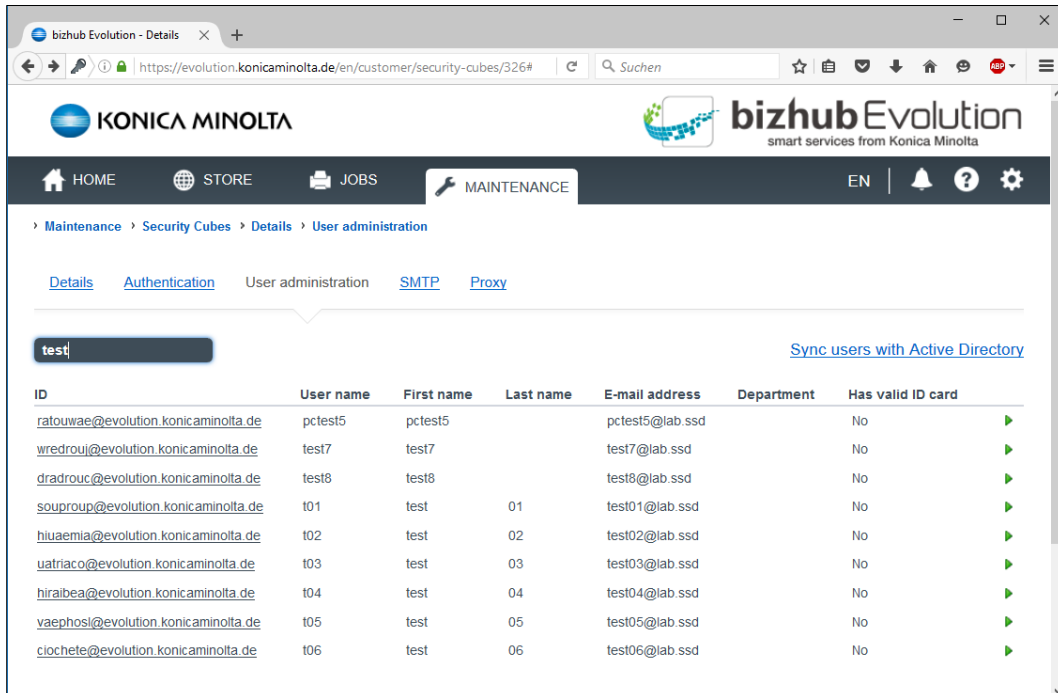
Click on [Test connection] to check whether a connection can be established. Then click on [Save] to save your settings.

NOTE

For more information on the default values, see Microsoft Tech Net: [https://msdn.microsoft.com/en-us/library/ms675090\(v=vs.85\).aspx](https://msdn.microsoft.com/en-us/library/ms675090(v=vs.85).aspx)

User administration

All synchronized Active Directory users are listed here.
You can assign ID cards to your users via this page.

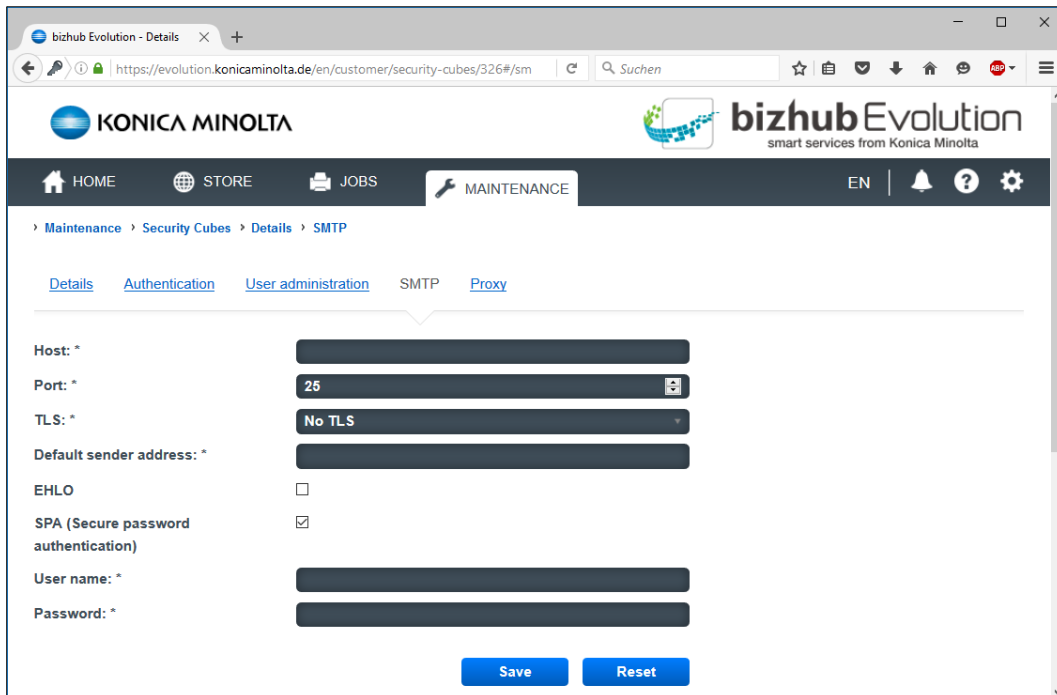


The screenshot shows the 'User administration' page in the bizhub Evolution interface. The page header includes the Konica Minolta logo and navigation tabs for HOME, STORE, JOBS, and MAINTENANCE. The breadcrumb trail is: Maintenance > Security Cubes > Details > User administration. Below the breadcrumb, there are links for Details, Authentication, User administration (selected), SMTP, and Proxy. A search bar contains the text 'test'. A link 'Sync users with Active Directory' is visible. The main content is a table with the following columns: ID, User name, First name, Last name, E-mail address, Department, and Has valid ID card. The table lists 10 test users.

ID	User name	First name	Last name	E-mail address	Department	Has valid ID card
ratouwae@evolution.konicaminolta.de	pctest5	pctest5		pctest5@lab.ssd		No
wredrouj@evolution.konicaminolta.de	test7	test7		test7@lab.ssd		No
dradrouc@evolution.konicaminolta.de	test8	test8		test8@lab.ssd		No
souproup@evolution.konicaminolta.de	t01	test	01	test01@lab.ssd		No
hiuaemia@evolution.konicaminolta.de	t02	test	02	test02@lab.ssd		No
uatriaco@evolution.konicaminolta.de	t03	test	03	test03@lab.ssd		No
hiraibea@evolution.konicaminolta.de	t04	test	04	test04@lab.ssd		No
vaephostl@evolution.konicaminolta.de	t05	test	05	test05@lab.ssd		No
ciochete@evolution.konicaminolta.de	t06	test	06	test06@lab.ssd		No

SMTP

Specify how bizhub Evolution can connect to your e-mail server.



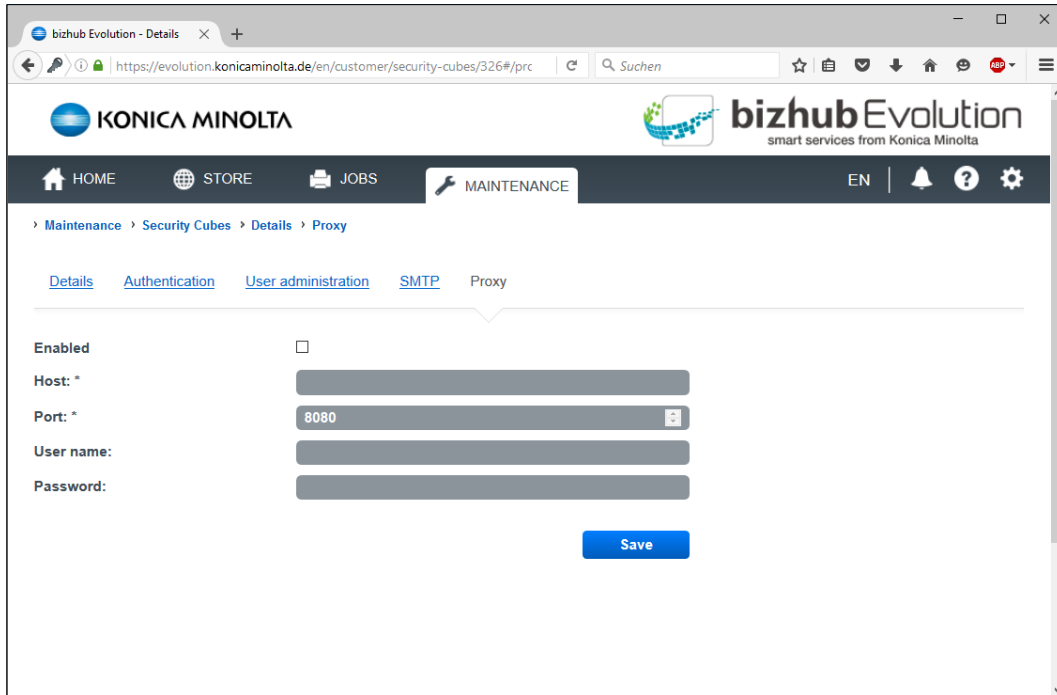
The screenshot shows the bizhub Evolution web interface for configuring SMTP settings. The browser address bar displays the URL: <https://evolution.konicaminolta.de/en/customer/security-cubes/326#/sm>. The page header includes the Konica Minolta logo and the bizhub Evolution logo with the tagline "smart services from Konica Minolta". The navigation menu includes HOME, STORE, JOBS, and MAINTENANCE. The current page is titled "SMTP" and is part of a breadcrumb trail: Maintenance > Security Cubes > Details > SMTP. The configuration form includes the following fields:

- Host: *
- Port: * (set to 25)
- TLS: * (set to No TLS)
- Default sender address: *
- EHLO:
- SPA (Secure password authentication):
- User name: *
- Password: *

At the bottom of the form, there are two buttons: "Save" and "Reset".

Proxy

Specify how the bizhub Evolution Security Cube can communicate via a proxy connection.



The screenshot shows a web browser window displaying the 'bizhub Evolution - Details' page. The URL is <https://evolution.konicaminolta.de/en/customer/security-cubes/326#/prc>. The page header includes the Konica Minolta logo and 'bizhub Evolution smart services from Konica Minolta'. The navigation menu shows 'HOME', 'STORE', 'JOBS', and 'MAINTENANCE'. The breadcrumb trail is 'Maintenance > Security Cubes > Details > Proxy'. Below the breadcrumb, there are tabs for 'Details', 'Authentication', 'User administration', 'SMTP', and 'Proxy'. The 'Proxy' tab is active. The configuration form includes an 'Enabled' checkbox (unchecked), a 'Host: *' text input field, a 'Port: *' dropdown menu (set to '8080'), 'User name:' and 'Password:' text input fields, and a blue 'Save' button.

NOTE

Only "basic authentication" is supported.



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