

MachSol Signature Agent

Summary

This article provides details on how to configure Signature Agent.

Applies To

MachPanel build version 8 and above

MachSol SignatureAgent Configuration

Below are MachSol SignatureAgent configuration steps:

Step - 1: Server Group Signature Settings

- Please configure Server Group **Signature Settings** by navigating to following path: **Home > Service Director > Exchange Hosting > Exchange Server Groups**
- Select options against desired Server Group and Select Signature Settings:

The screenshot shows the MachSol management interface. The breadcrumb path **Home > Service Director > Exchange Hosting > Exchange Server Groups** is highlighted with a red box. Below the breadcrumb, there are tabs for **Server Groups**, **Email Clients**, **General Settings**, **Send Connector for Relay Accepted Domains**, and **OWA Mailbox Policies**. The **Server Groups** tab is active. Below the tabs, there is a search bar with the text "Enabled Server Groups" and a "Search" button. Below the search bar, there is a section for "Operations" with an "Add Server Group" button. Below the operations section, there is a table with the following columns: **Status**, **Server Group Name ID**, and **Provider**. The table contains one row with the following data: **Status**: Enabled, **Server Group Name ID**: Exchange-ess2019, and **Provider**: Microsoft Exchange 2019. A context menu is open over the table row, showing options: **Add Group Member**, **Disable**, **Edit**, **Assign UM Policy**, **PST Export Settings**, **Signature Settings** (highlighted with a red box), and **Remove**. At the bottom of the table, it says "Showing: 1- 1 of 1" and "Showing per page 20 Change".

- Check the box against: Server Transport Agent Signature enabled.
-

MachSol Signature Agent

Note: The MachSol SignatureAgent have to be installed on all Exchange Transport servers and Private IP must be mentioned for all servers.

- Input Secure Key (32 Characters Alpha Numeric) and note the value.
Example X7P9G2LQF5T1M8WZK4V6D3CYRJ0BNSAH

The screenshot shows the 'Signature Settings' page in the Exchange Management Console. The breadcrumb trail is 'Home > Service Director > Exchange Hosting > Exchange Server Groups'. The page has tabs for 'Server Groups', 'Email Clients', 'General Settings', 'Send Connector for Relay Accepted Domains', 'OWA Mailbox Policies', and 'Signature Settings'. The 'Signature Settings' tab is active. It contains three sections: 1. '* Server Transport Agent Signature enabled:' with a checked checkbox. 2. '* Comma separated IP Addresses of Exchange servers:' with a text box containing '10.1.210.113'. 3. '* Secure Key (32 Characters Alpha Numeric):' with a text box containing 'X7P9G2LQF5T1M8WZK4V6D3CYRJ0BNSAH'. At the bottom are 'Save' and 'Cancel' buttons.

Step - 2: Copy MachSol SignatureAgent Folder to 1st Exchange Transport server, example 10.2.210.13.

- Update "MachSol SignatureAgent\Settings.json" as per your environment.

```
{  
  "WebServicePath":  
  "https://YourPanelURL.com/webservices/ExtAgent.asmx",  
  "LogMode": "Simple",  
  "EWSUrl": "https://localhost/ews/exchange.asmx",  
  "SecureKey": "Type32CharsSecureKeyHere"  
}
```

- Update YourPanelURL.com with your MachPanel Control Server url, make sure the web service is accessible by opening the url in browser.
- **LogMode:** "Simple" for basic logging, "Verbose" for detailed logging.
- **EWSUrl:** EWSUrl of local Exchange Server, no need to change if default installation is same.
- **SecureKey:** Mention the Secure Key Set in Server Group Settings example:

MachSol Signature Agent

X7P9G2LQF5T1M8WZK4V6D3CYRJ0BNSAH

- Allow "**Network Service**" full permissions on the "MachSol SignatureAgent" folder and sub folder and files. If the Exchange Transport Service is running under another user then "Network Service", allow that user full permissions on the "MachSol SignatureAgent" folder.

Step - 3: Install Signature Agent

- To install Signature Agent, please update AssemblyPath "C:\MachSol SignatureAgent\MachSol.SignatureAgent.dll" according to the location of MachSol SignatureAgent

folder on your system in below commands:

- Copy below commands and run on Exchange Shell:

```
Install-TransportAgent -Name "MachSolSignatureAgent" -AssemblyPath  
"C:\MachSol SignatureAgent\MachSol.SignatureAgent.dll"  
-TransportAgentFactory "MachSol.SignatureAgent.AgentFactory"
```

```
Enable-TransportAgent "MachSolSignatureAgent"
```

```
Set-TransportAgent "MachSolSignatureAgent" -Priority 6
```

```
Restart-Service MExchangeTransport
```

Step - 4: Copy the MachSol SignatureAgent To 1st Exchange Server & all other Servers

Copy the **MachSol SignatureAgent** from 1st Exchange Server, example 10.2.210.13 to all other servers and run the commands mentioned in **Step - 3**.