



Automatic Support and Smart Call Home for HyperFlex

This chapter provides information on automatic support and Smart Call Home for Cisco HyperFlex systems.

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Auto Support and Smart Call Home for HyperFlex

You can configure the HX storage cluster to send automated email notifications regarding documented events. You can use the data collected in the notifications to help troubleshoot issues in your HX storage cluster.



Note Auto Support (ASUP) and Smart Call Home (SCH) support the use of a proxy server. You can enable the use of a proxy server and configure proxy settings for both using HX Connect.

Auto Support (ASUP)

Auto Support is the alert notification service provided through HX Data Platform. If you enable Auto Support, notifications are sent from HX Data Platform to designated email addresses or email aliases that you want to receive the notifications. Typically, Auto Support is configured during HX storage cluster creation by configuring the SMTP mail server and adding email recipients.



Note Only unauthenticated SMTP is supported for ASUP.

If the **Enable Auto Support** check box was not selected during configuration, Auto Support can be enabled post-cluster creation using the following methods:

Post-Cluster ASUP Configuration Method	Associated Topic
HX Connect user interface	Configuring Auto Support Using HX Connect
Command Line Interface (CLI)	Configuring Notification Settings Using CLI

Post-Cluster ASUP Configuration Method	Associated Topic
REST APIs	Cisco HyperFlex Support REST APIs on Cisco DevNet .

Auto Support can also be used to connect your HX storage cluster to monitoring tools.

Smart Call Home (SCH)

Smart Call Home is an automated support capability that monitors your HX storage clusters and then flags issues and initiates resolution before your business operations are affected. This results in higher network availability and increased operational efficiency.

Call Home is a product feature embedded in the operating system of Cisco devices that detects and notifies the user of a variety of fault conditions and critical system events. Smart Call Home adds automation and convenience features to enhance basic Call Home functionality. After Smart Call Home is enabled, Call Home messages/alerts are sent to Smart Call Home.

Smart Call Home is included with many Cisco service contracts and includes:

- Automated, around-the-clock device monitoring, proactive diagnostics, real-time email alerts, service ticket notifications, and remediation recommendations.
- Proactive messaging sent to your designated contacts by capturing and processing Call Home diagnostics and inventory alarms. These email messages contain links to the Smart Call Home portal and the TAC case if one was automatically created.
- Expedited support from the Cisco Technical Assistance Center (TAC). With Smart Call Home, if an alert is critical enough, a TAC case is automatically generated and routed to the appropriate support team through `https`, with debug and other CLI output attached.
- Customized status reports and performance analysis.
- Web-based access to all Call Home messages, diagnostics, and recommendations for remediation in one place; TAC case status; and up-to-date inventory and configuration information for all Call Home devices.

To ensure automatic communication among your HX storage cluster, you, and Support, see [Configuring Smart Call Home for Data Collection](#).