

Server Settings

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You can set the parameters that are populated as default values.

To set the parameters of the Nexus Dashboard Fabric Controller server from the Cisco Nexus Dashboard Fabric Controller Web UI, perform the following steps:

1. Choose **Settings > Server Settings**.

   Server settings are classified under different tabs,

2. Modify the settings based on the requirement.
3. Click **Save** to apply the new modified settings.

Each microservice of enabled features has other tabs and properties other than listed below. Each field has short description. If there is error during configuring any features, corresponding tab is highlighted in red, and **Save** button is disabled till the errors are resolved. Comprehensive checks are performed in NDFC server by the microservices, if there are any errors is displayed on NDFC UI. Server settings supported for 'all-or-none' to save properties and it doesn't support partial updates.

Note You can modify required properties in server settings without support of Cisco TAC.

Note If Nexus Dashboard is rebooted, NDFC services are down for some time.

LAN Device Management Connectivity under Admin

From Cisco NDFC Release 12.1.2e, you can change persistent IP addresses which are assigned for mandatory pods such as POAP-SCP and SNMP trap. Refer Changing Persistent IP Address.

This setting determines the Persistent IPs usage for the PODs required for Nexus Dashboard Fabric Controller. When you select Fabric Controller persona for the first time then, there is a precheck to see if Persistent IPs

are allocated on Nexus Dashboard. If Persistent IPs are not allocated, then the operator sees an error. You can provide Persistent IPs in either Nexus Dashboard Management Network or Nexus Dashboard Data Network. Based, on this selection, you must specify the option under LAN Device Management Connectivity which can be found under Server Settings of NDFC application page. By default, Management is selected, but, if you provide Persistent IPs under Nexus Dashboard Data Network then, you must select Data as an option.



Note When you change the LAN Device Management connectivity from management to DATA or conversely. Some of the devices might have a CRITICAL Alert of 'SSH Unreachable' error for short time and eventually restored.

SMTP Host under SMTP

This setting is used as EMAIL out-of-band notification for Programmable reports and Alarms. Starting NDFC 12.0.1a release, you can now receive NDFC Alarms and Reports through EMAIL notification. The SMTP Host address must be reachable through Nexus Dashboard Management Interface. If the Nexus Dashboard management interface and SMTP Host are part of different IP subnets then you must create a static route entry in Nexus Dashboard Cluster configuration.

You can enter other texts for STMP fields. To initiate alarms to external receiver, provide IP of SNMP Listener and Port it is listening on.

Disable Deployment Across all Fabrics Under LAN Fabric

This setting disables deployments for all the fabrics that are defined in the NDFC instance. You will not be able to enable the deployment on per fabric level. For example, if you have 3 fabrics then all 3 fabrics will be disabled from configuration point of view. You can continue to stage various configurations if necessary. Later, you can enable the deployment action by unchecking this server setting.

Collect Temperature for LAN Switches Under PM

This setting enables to collect switch temperate details and show it in the Fabric Overview and then Metric section. By, default temperature data is not collected. Upon enabling this setting, you can view the temperature information of the fabric switches as well.