

Configuring Multi-Tenancy in Nagios Log Server 2024R2

Purpose

This document describes how to configure Nagios Log Server for Multi-Tenancy. This feature enables you to restrict which hosts are visible to each of your users.

How Multi-Tenancy Works

Multi-Tenancy works by assigning which hosts each User is allowed to see in the Nagios Log Server interface. Hosts can also be placed in a host list and then applied to the users who will be allowed access.

To learn more about the creation and management of users, please refer to the [Managing Users in Nagios Log Server](#) guide.

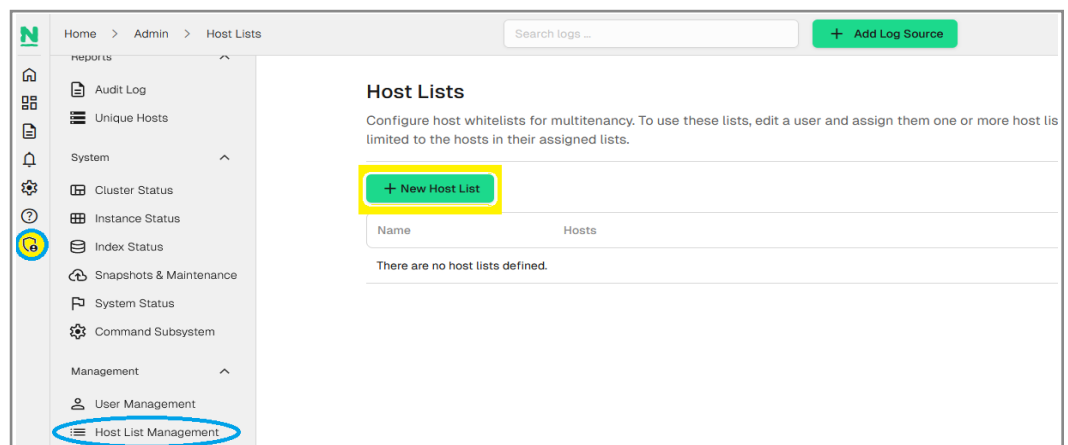
NOTE: API users and administrators will be able to work around any restrictions placed on them, this functionality only applies for regular users.

Host List Management

Placing hosts in a Host List is the preferred method of granting access, as it allows easier management of host visibility. You can simply add and remove hosts from a Host List and these changes will automatically apply to users who are authorized to view the List. To create a Host List, go to **Admin > Management > Host List Management**:

Click the **+ New Host List** button to create a new list.

This brings up the **Add a Host List** window.

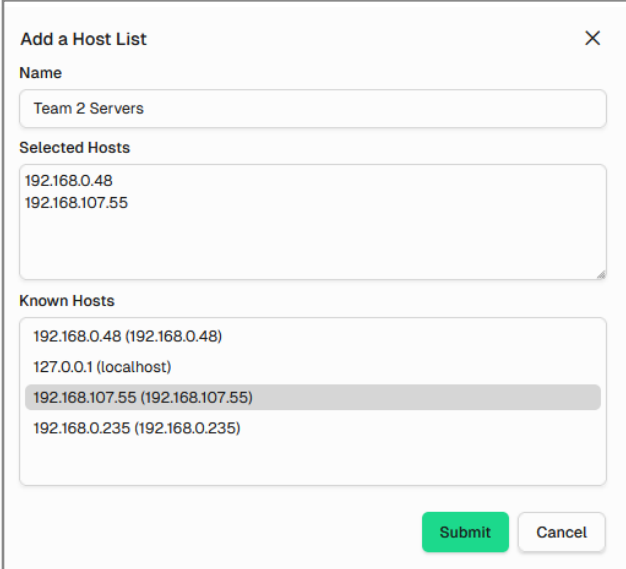


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You can add hosts that Nagios Log Server already knows about by using the **Known Hosts** list field. Just click on each hostname/IP and it will be added to the **Selected Hosts** field.

You can also manually add hosts by inputting additional entries with one IP address per line.

Click the **Submit** button to create the host list.



Add a Host List [X]

Name
Team 2 Servers

Selected Hosts
192.168.0.48
192.168.107.55

Known Hosts
192.168.0.48 (192.168.0.48)
127.0.0.1 (localhost)
192.168.107.55 (192.168.107.55)
192.168.0.235 (192.168.0.235)

Submit Cancel

The new list will appear in the table once created. You can use the **Actions** icon to edit or delete Host Lists:

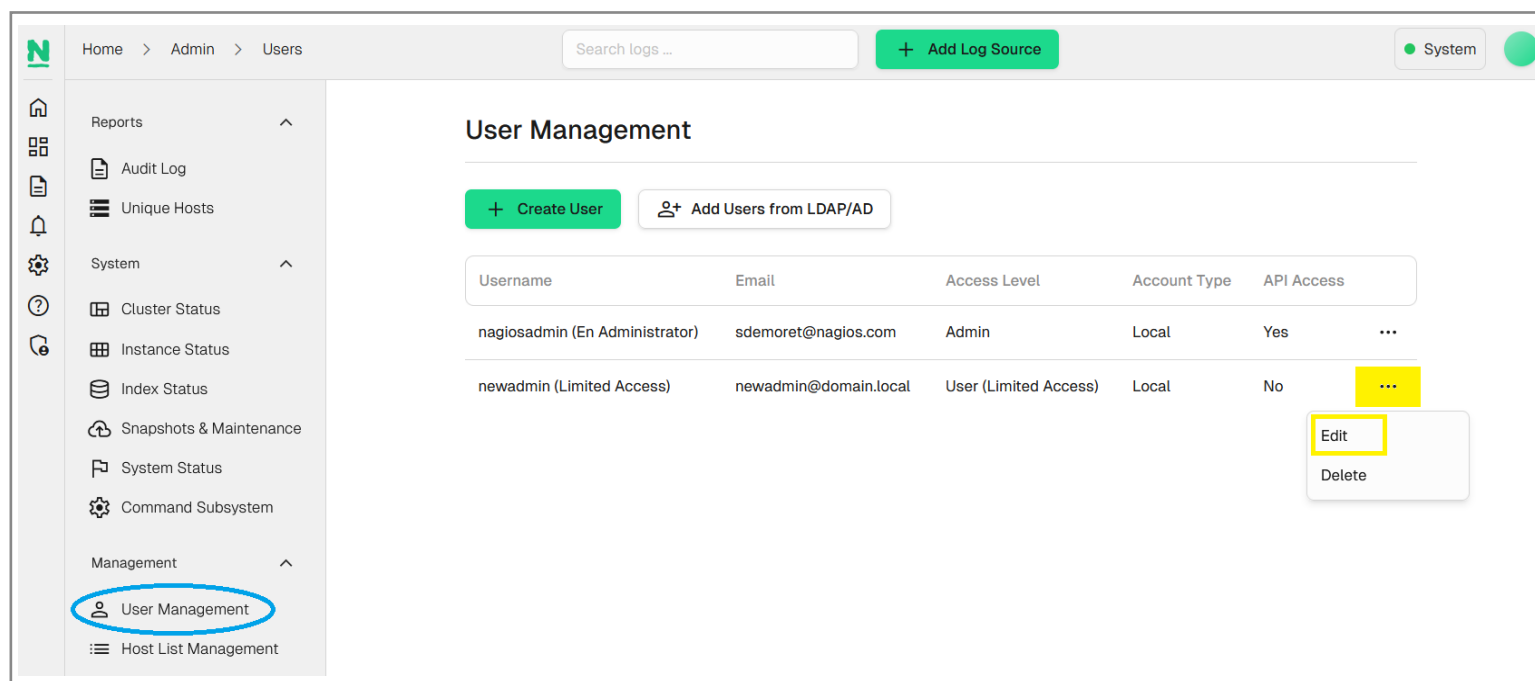
Host Lists		
Configure host whitelists for multitenancy. To use these lists, edit a user and assign them one or more host lists. Their dashboards and alerts will be limited to the hosts in their assigned lists.		
+ New Host List		
Name	Hosts	
Team 2 Servers	192.168.0.48, 192.168.107.55	...

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User Permission Management

To assign hosts or host lists to user accounts navigate to **Admin > Management > User Management**.

Locate the user you wish to apply permissions to and click the **Actions** icon, then select Edit, as shown in here:

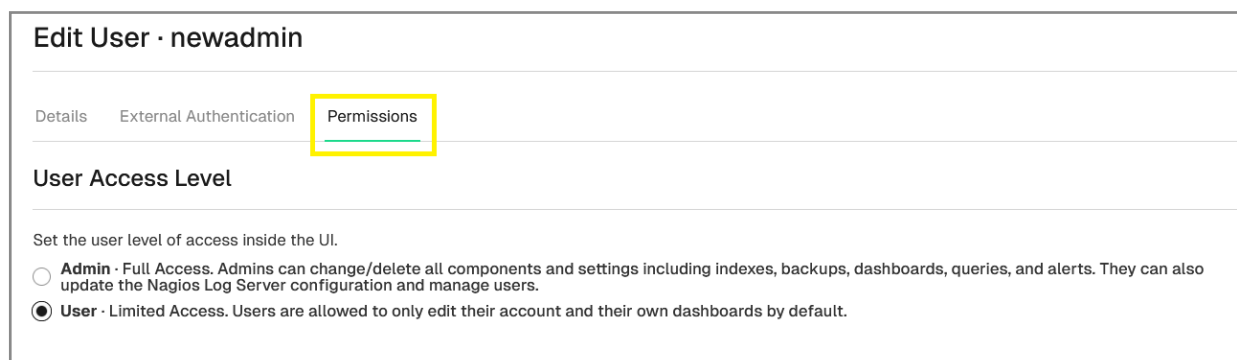


The screenshot displays the Nagios Log Server interface. The left sidebar contains a navigation menu with sections: Reports, System, and Management. Under Management, 'User Management' is highlighted. The main content area is titled 'User Management' and includes buttons for '+ Create User' and '+ Add Users from LDAP/AD'. Below these is a table of users:

Username	Email	Access Level	Account Type	API Access	Actions
nagiosadmin (En Administrator)	sdemoret@nagios.com	Admin	Local	Yes	...
newadmin (Limited Access)	newadmin@domain.local	User (Limited Access)	Local	No	...

The 'newadmin' user's actions menu is open, showing 'Edit' and 'Delete' options. The 'Edit' option is highlighted.

Click the the **Permissions** tab on the Edit User page to view the permission settings:



The screenshot shows the 'Edit User - newadmin' page. The 'Permissions' tab is selected and highlighted. The 'User Access Level' section is visible, showing two options:

- ☐ **Admin - Full Access.** Admins can change/delete all components and settings including indexes, backups, dashboards, queries, and alerts. They can also update the Nagios Log Server configuration and manage users.
- ☒ **User - Limited Access.** Users are allowed to only edit their account and their own dashboards by default.

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Locate the **Restrict Host Visibility** section at the bottom. You can both select host lists or directly assign hosts to a user.

Once added, this combined host list acts as a WHITELIST for the user. A filter will be applied to any dashboard they view, or to any query-based alert they create.

Click the **Save User** button to save these updated permissions.

This completes the steps required to limit user host visibility in Nagios Log Server.

The screenshot shows the 'Restrict Host Visibility' configuration page. At the top, it says 'Create a whitelist of visible hosts for non-API users.' Below this, there are four main sections: 'Host Lists', 'Selected Host Lists', 'Known Hosts', and 'Additional Hosts'. 'Host Lists' is an empty box. 'Selected Host Lists' contains a single entry 'Team 2 Servers'. Between 'Host Lists' and 'Selected Host Lists' are right and left arrow buttons. 'Known Hosts' contains a list of IP addresses: '192.168.0.48 (192.168.0.48)', '127.0.0.1 (localhost)', '192.168.107.55 (192.168.107.55)', and '192.168.0.235 (192.168.0.235)'. 'Additional Hosts' is a text area with the placeholder 'IP Addresses only, one per line'.

Finishing Up

This completes the documentation on Configuring Multi-Tenancy in Nagios Log Server 2024R2. If you have additional questions or other support-related questions, please visit us at our Nagios Support Forum, Nagios Knowledge Base, or Nagios Library:

[Visit Nagios Support Forum](#)

[Visit Nagios Knowledge Base](#)

[Visit Nagios Library](#)