



# Administering Application Policy and Monitoring Sites

This chapter provides information about administering applications for a site and monitoring the sites.

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- [Monitoring Sites, page 6-7](#)

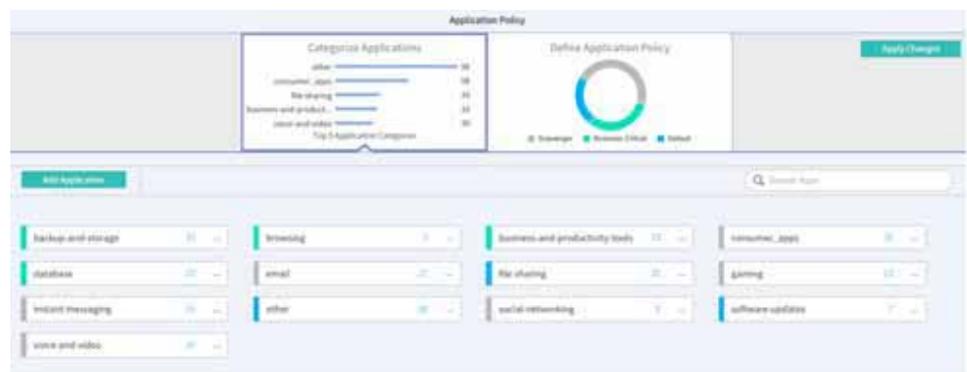
## Administering Application Policy

Use the Administer Application Policy menu option to place applications in categories, view and, if required, change the available bandwidth to share bandwidth between applications.

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## Categorize Applications

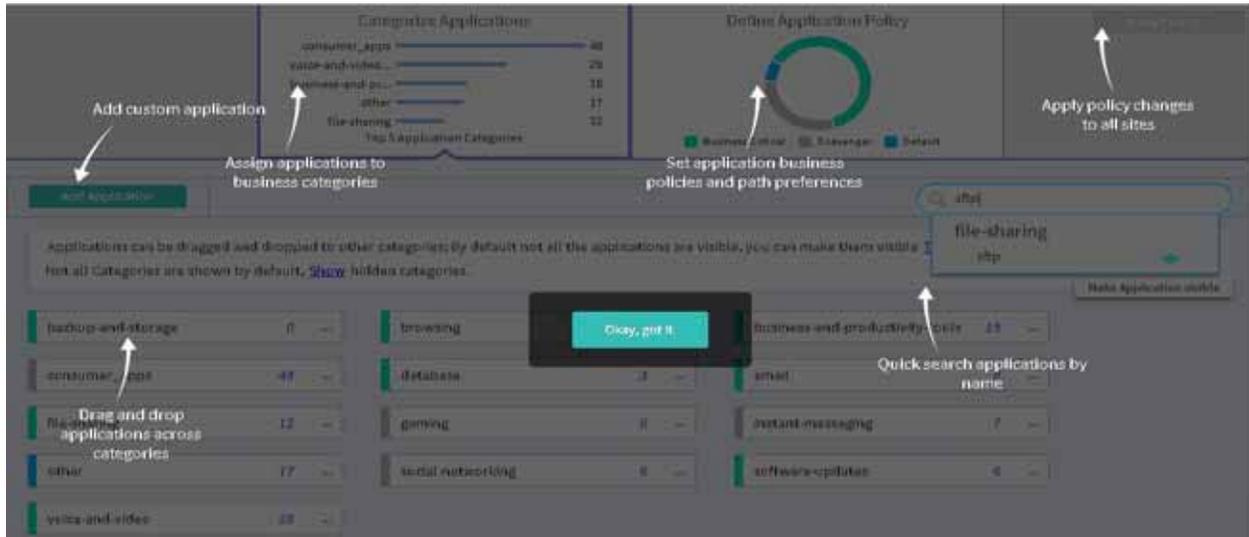
The Categorize Applications window shows application policies and categories to which the applications are assigned. You can use options to change the bandwidth used by applications in the network.



Applications are grouped into categories. To find the category to which an application belongs, enter the application name in the search textbox to the right of the window.

Click a category (for example, backup-and-storage), to see the applications assigned to the category in a drop-down box. The attributes of an application can be edited by clicking the pencil symbol next to the application name in the drop-down box.

You can keep track of application bandwidth usage at each category and move applications between application categories. Categories are grouped into Business Critical, Scavenger and Default groups. The Business Critical group is given the most bandwidth.



## Add Application

Click “Add Application” to provide details of a new application and assign it to a category.

Enter values in the following fields:

Field	Description
Name	Name of the application. Example values: Data, Guest, Voice and Video, Wireless.
Type	Application Type. Values: URL, Server IP/Port and DSCP.
Protocol	Protocol used by application. Values: TCP, UDP.
Value	DSCP value if type is DSCP. URL if type is URL. IP address and port if type is Server IP/Port.
Similar to App	Select an application the Jitter, Packet loss and Delay values can be used for this application.
Category	Category where the application will be created.
Jitter	(Optional) Specify a different value or leave the default value as is.
Packet loss	(Optional) Specify a different value or leave the default value as is.
Delay	(Optional) Specify a different value or leave the default value as is.

To define the application policy groups, click “Define Application Policy.”



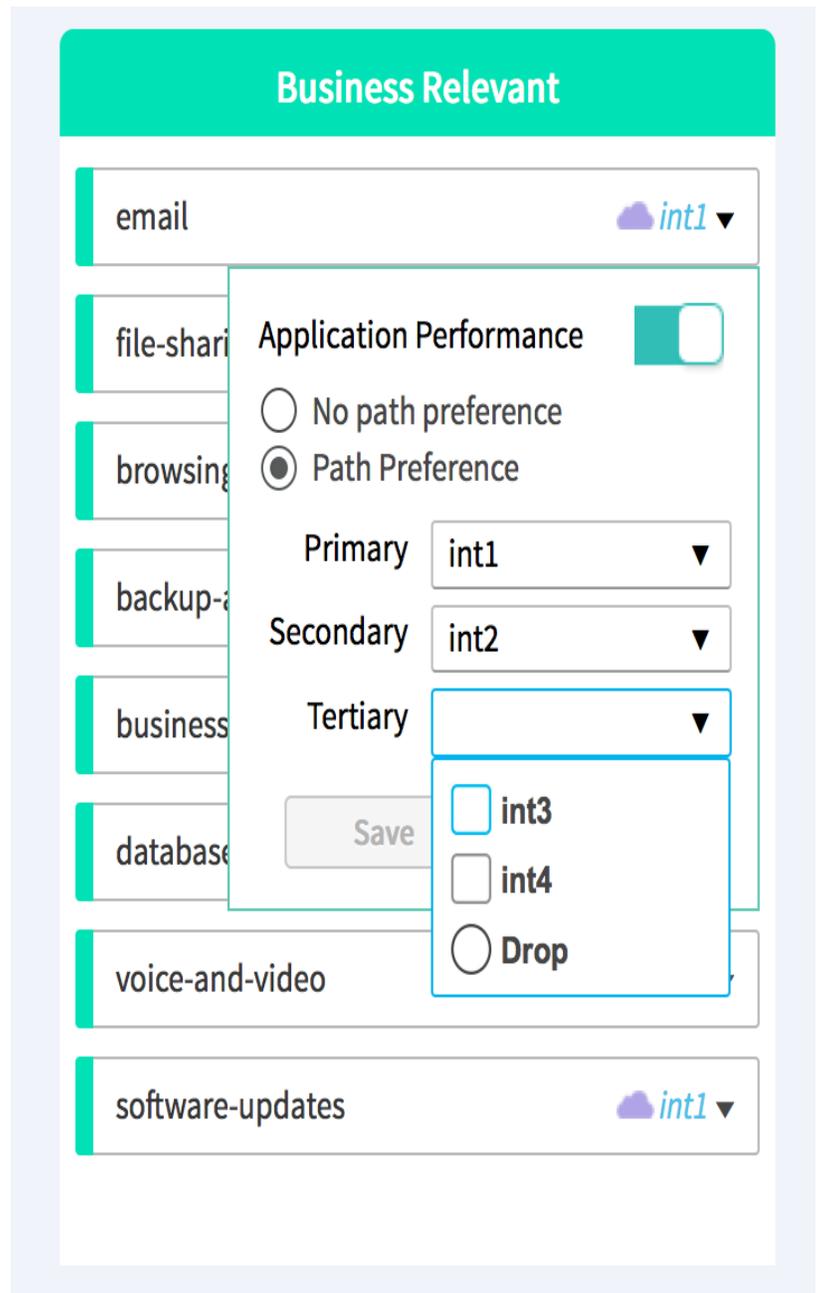
## Define Application Policy

Applications are grouped into categories, such as “Voice and Video”. The categories form part of the following business groups: Business Critical, Scavenger and Default.

## Change Application Performance

Click on the down arrow next to a category to change the Application Performance in the category to perform the following:

- Enable or disable application performance
- Enable or disable path preference
- Choose primary and secondary path
- Secondary path can be Drop



Select a Path Preference, with Path 1 being the preferred path for traffic in this category. For example, “Int” (Internet).

If you specified metered link as a link type for a service provider, the following dialog appears.

Business Relevant

business-and-prod...
MPLS1 ▼

databas

backup-

file-shar

software

email

voice-an

**Application Performance**

No path preference

Path Preference

Primary  ▼

Secondary  ▼

Tertiary  ▼

Last Resort  4G

browsing
MPLS1 ▼

The metered link is the last resort when the primary, secondary, and tertiary paths are not available. After updating the path preference, click **Save**.



**Note**

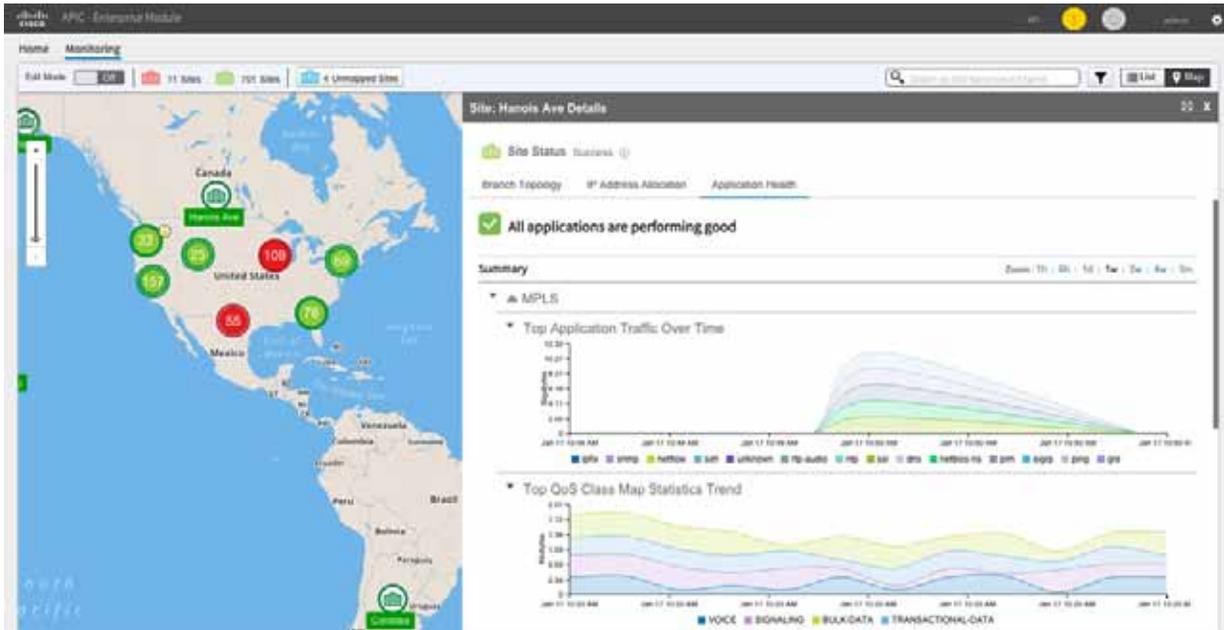
The **Save** option does not check for validations in conflict with future scheduled workflows. Please reevaluate scheduled jobs based on these changes and update scheduled jobs as required. If there is a conflict when the scheduled job is activated, it may fail at that time.



**Note**

Troubleshooting is displayed on when the system suspects the site to have an issue due to an application or with bandwidth allocation.

**Figure 6-2 Application Health**

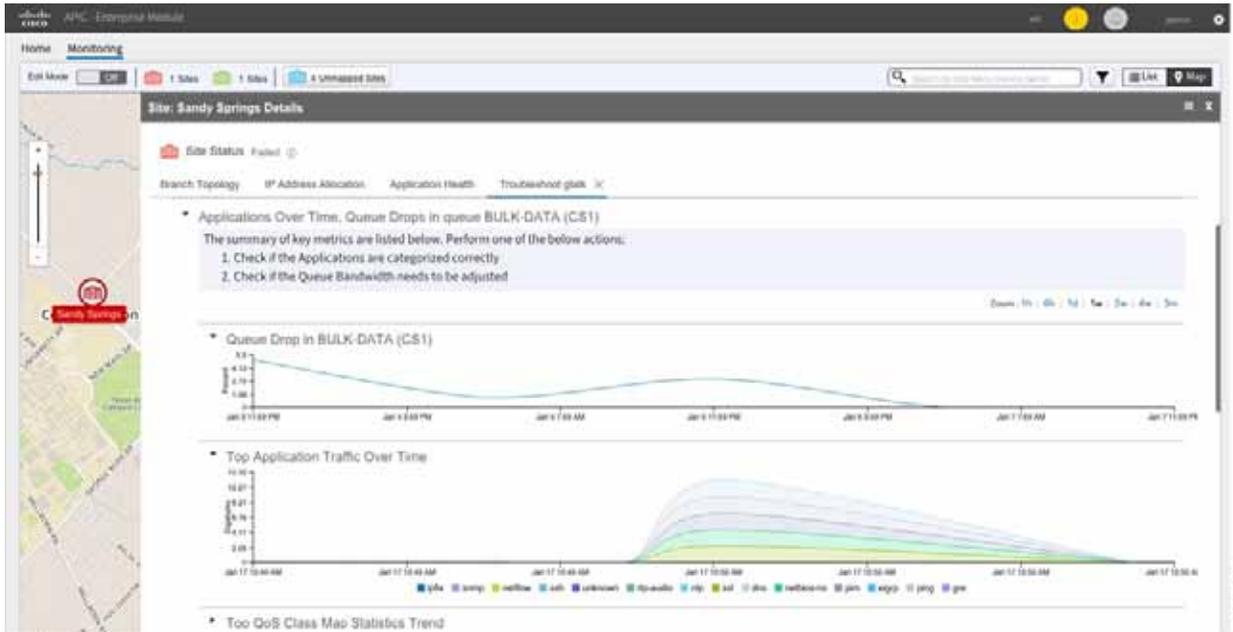


Clicking **Application Health** displays the applications usage on the site in a graphical representation. The graph displays the following:

- Various applications configured for the site
- Bandwidth usage for each application
- Statistical trend for each application

As mentioned, **Troubleshooting** is displayed, when the system detects high usage on a site.

Figure 6-3 Troubleshooting—Detection



In addition to detecting the application causing the issue, the system also provides suggestions to improve the site. For example, if a site uses more bandwidth the system provides suggestion in adjusting the bandwidth among the various applications thereby providing more bandwidth to the application causing the issue.

Figure 6-4 Troubleshooting—Healing a site

