Custom Dashboard

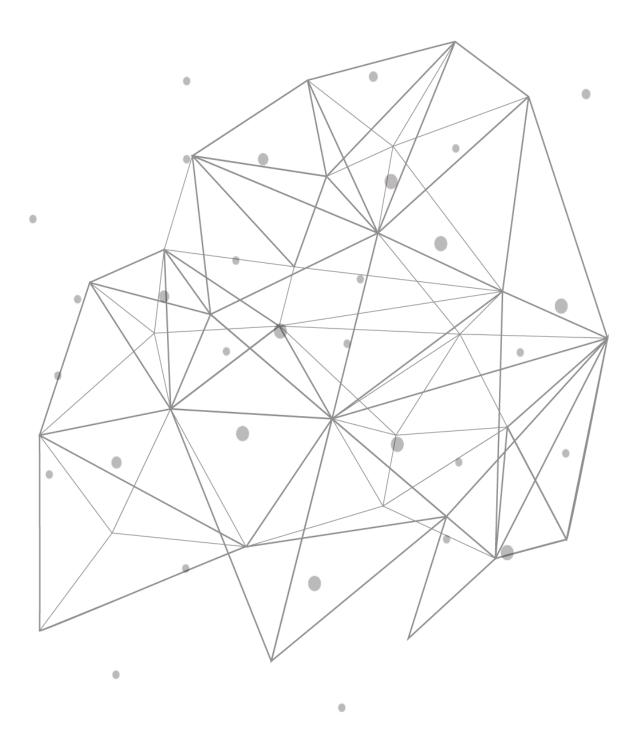




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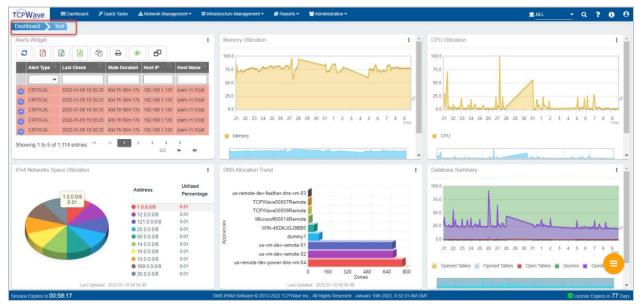


Introduction

Dashboards are a way to envisage the most crucial information at a glance. Every application comes with a pre-defined dashboard. While the pre-defined dashboard may suffice, the actual usefulness of dashboards lies in the ability to create and customize it. TCPWave offers two dashboards; one is "Pre-defined Dashboard," and the other is "Custom Dashboard." This whitepaper provides insights into the Custom Dashboard.

TCPWave's Custom Dashboard

The capability to visualize data is highly significant in today's technology-driven business landscape. Therefore, the TCPWave's Custom Dashboard enables you to analyze a set of comprehensive data from across the entire application in a single pane of glass on the home screen. It offers wide-ranging capabilities of visualizing different statistics, alerts, graphical summary of reports organized in various customized widgets. The displayed statistics include network, subnet, object, zone, resource record details, and other measurable information. All the quantifiable information is displayed in various formats such as graphs, pie, histograms, etc. You can manage the displayed data, which improves the usability experience tailored to your enterprise requirements.



Advantages of Custom Dashboard

- 1. Each network administrator has the privilege to create multiple dashboards for various purposes.
- 2. Custom Dashboards remain editable, whereas the system restricts you from editing the predefined dashboard.
- 3. Irrespective of the roles, the system allows the network administrator to create a customized dashboard to view the application statistics with zero blind spots. It helps to interpret and act upon data quickly.
- 4. You can build your custom widgets based on the widget category to meet your needs.
- 5. Once you've created your widgets, you can drag to resize or rearrange them in this visual interface.

Create Custom Dashboard

To create a custom dashboard:

1. Hover on Dashboard. The system displays the pop-up as shown:

III Dashboard	
Create New Dashboard	
Executive	

2. Click Create New Dashboard. The system displays Create Dashboard page, which has an <u>Add</u> <u>Widget</u> form as shown:

CPWave III Dashboard	Culck Tasks 🛛 🛦 Network Management 👻	🛿 🕮 Intrastructure Management 👻 🖉	Reports + 👹 Administration +	🟛 Internal 👻 Q, 💡 🕄
Dashboard 📏 Create Dashboard]			
Add Widget				×
Dashboard Name*	Widget Category*	Widget*		
		 —Select Widget— 		
Set as Default				
			ADD CANCEL	

Add Widget

To add a widget, complete the following fields:

- 1. Dashboard Name: Enter a valid name for the dashboard. Example: Test
- 2. Widget Category: Select any of the following categories based on the requirements.
 - \circ Executive
 - Compliance Management
 - o Fault Management
 - IPAM Capacity Planning
 - Network Capacity Planning
 - o DHCP Capacity Planning
 - o DNS Capacity Planning
 - Threat Intelligence
 - T-Message Statistics
- 3. **Widget**: The system displays the widgets accordingly based on the selected widget category. For the list of widgets, refer <u>appendix</u>.
- 4. Click **ADD**. The system displays the added widget in the customized dashboard as shown: You can add a widget based on the permissions assigned to the role. If you are adding a widget for which the permissions are denied, then the system displays a validation message a shown:



Mger Cereory' Fault Management	Wager	Ant You		
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Fault Management				
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	M	D GANCEL		
	the adversation of this widget.	1	At CONST.	

5. To cancel, click cancel and the system navigates to the default dashboard. **Note**:

The system restricts you from adding more than nine widgets to the customized dashboard. The system displays a validation if more than nine widgets are added.

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D	ashboard Test2											
1	Add Widget										×	
	Dashboard Name*	Widget Category*		Widget*		IPAM Appliance*		Duration				
	Test2	IPAM Capacity Planning	•	Database Network	Traffic 🔹	ipam-11.31p8	*	Daily 👻				
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The system allows you to add the same widget with various input parameters as shown. The following figure illustrates that the same alert widget was added for the alert type "Critical" and "Warning."

Add Widget											
Dashboard Name*		Widget Ca	slegory"		Widget*			Alert Type			
Test2		Fault M	lanagement		 Alerts 	Nidget		 Critical 			*
Set as Default											
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							ADD	CANCEL			
erts Widget				1	Alerts						I.
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			_		0				_	Host Name	I
Alert Type			_		0	Alert Type			_	Host Name	1
Alert Type	Last Check	State Duration	Host IP	Host Name		Alert Type	Last Check	State Duration	Host IP		I
Alert Type WARNING WARNING	Last Check	State Duration	Host IP	Host Name	0	Alert Type	Last Check ^[]	State Duration	Host IP ¹¹ 192.168.1.130	ipam-11.31p8	1
Alert Type WARNING WARNING WARNING WARNING	Last Check ¹⁴ 2022-01-09 20:05:23 2022-01-09 20:05:23 2022-01-09 20:05:02 2022-01-09 20:05:02	State Duration ¹¹ 40d 8h 24m 19s 40d 8h 24m 19s	Host IP 192.168.1.130 192.168.1.130	Host Name 11 Ipam-11.31p8 Ipam-11.31p8		Alert Type 11 CRITICAL CRITICAL CRITICAL CRITICAL CRITICAL	Last Check 11 2022-01-09 20:05:03 2022-01-09 20:05:03 2022-01-09 20:05:03 2022-01-09 20:05:03	State Duration 14	Host IP	ipam-11.31p8 ipam-11.31p8	1



Remove Widget

To remove a widget:

- 1. Select the existing customized dashboard. The system navigates you to the dashboard page.
- 2. Select the kebab menu as shown:

	Alert Type	Last Check	State Duration	Host IP	Host Name
1	WARNING -				
	WARNING	2022-01-09 20:01:23	40d 8h 22m 17s	192 158 1 130	inam.11.31n8
	WARNING	2022-01-09 20:01 23			ipam-11.31p8
t	WARNING	2022-01-09 20:00:02	40d 8h 23m 19s	192,158,1,130	ipam-11.31p8
1	WARNING	2022-01-09 20:00:02	40d 8h 23m 19s	192,168,1,130	pam-11.31p8
ł	WARNING	2022-01-09 20:00:02	40d 8h 23m 19s	192,158,1,130	pam-11.31p8
	s Widget				
ente O				e l	• Remove
	Alect Type	Last Check	Balle Duratice	57 Host IP	Remove Host Name
	Alert Type	Last Check	State Duration	Host IP	Host Name
	Alect Type WARNING	Last Check	State Duration 406 8h 22m 17s	Host IP	Host Name
	Alect Type WARNING WARNING WARNING	Last Check 12 2022-01-09 20:01:23 2022-01-09 20:01:23	State Duration 406 8h 22m 17s 406 8h 22m 17s	Host IP 11	Host Name perr-11.31p8 perr-11.31p8
	Alect Type WARNING	Last Check	State Duration 406 8h 22m 17s	Host IP	Host Name

3. Click Remove. The system removes the widget from the customized dashboard.

Edit Custom Dashboard

To edit the existing custom dashboard:

1. Hover on Dashboard. The system displays the pop-up with the default dashboard name and existing customized dashboard names as shown:

III Dashboard	
Create New Date	ashboard
Executive	
Test	two
Test5	Edit

2. Click the edit icon. The system navigates you to the customized dashboard details page. It allows you to customize the <u>widgets</u> based on the widget category.

Conclusion

In the era of big data, where masses of digital data surround everyone, TCPWave's Custom Dashboard helps enterprises condense everything into an interactive and customizable format to enhance operational visibility. For a quick demo, contact the <u>TCPWave Sales Team</u>.



Appendix

On selecting the widget category from the drop-down, the system displays the widgets accordingly as shown:

Widget Category	Widgets
Executive	 DHCP IP Allocation Trend DNS Allocation Trend Health Index Score Object Allocation Object Types Total Objects User Sessions Active Sessions Zone Distribution IPAM Counters
Compliance Management	 Compliant DHCP Policies Compliant DNS Policies Compliant IPAM Policies
Fault Management	Alerts WidgetTop Alert Producers
IPAM Capacity Planning	 CPU Utilization Database Connections Database Network Traffic Database Row Operations Database Summary Database Table Locks Database Threads Disk Utilization Memory Utilization NTP Statistics Runtime Heap Usage
Network Capacity Planning	 IPv4 Networks Space Utilization IPv4 Subnets Space Utilization IPv6 Networks Space Utilization IPv6 Subnets Space Utilization
DHCP Capacity Planning	 DHCP CPU Utilization DHCP Cumulative Chart DHCP Query Statistics DHCP Response Statistics DHCP Disk Utilization



Widget Category	Widgets
	DHCP Heartbeat Statistics
	DHCP ICMP Statistics
	DHCP Memory Utilization
	DHCP NTP Statistics
	DHCP Swap Memory
	DHCP Top10 Least Used Scopes
	DHCP Top10 Most Used Scopes
	DNS Cache Hit Ratio
	DNS CPU Utilization
	DNS Disk Utilization
	DNS Authoritative Cumulative Chart
	DNS Cache Cumulative Chart
	DNS Proxy Cumulative Chart
DNS Capacity Planning	DNS Query Statistics
	DNS Response Statistics
	DNS Heartbeat Statistics
	DNS ICMP Statistics
	DNS Memory Utilization
	DNS NTP Statistics
	DNS Swap Memory
	 DNS Toptalkers
	DNS Large Queries
	DNS Large Responses
	DNS NXDOMAIN Query Responses
Threat Intelligence	DNS Traffic Anomaly
inieat intelligence	DNS Unique Subdomain Count
	Top 10 Anomalous Queries
	Anomaly Alerts
	Intrusion Alerts
	Active Directory Updates Channel
	Alarms and Statistics Channel
	DDNS Leases Channel
	DHCP Configuration Channel
-	DHCP Updates Channel
T-Message Statistics	DNS Configuration Channel
	HA Configuration Channel
	HA Delegation Channel
	Health Check Channel
	Remote Commands Channel

