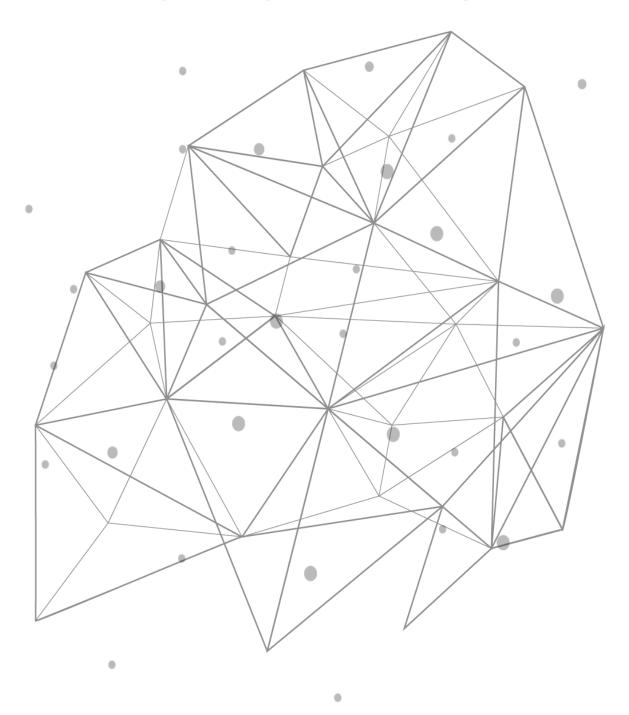
## **TCPWave DDI**

# **Address Space Reports – IPv6 Reports**





#### Introduction

The TCPWave's DDI Reporting Framework is in-built into the core DDI product with no additional license and is one of the most advanced frameworks in the current DDI market. It generates the widespread network reports used by today's most advanced network teams. The network teams can now do a detailed investigation of events, identify anomalies, collect audit data, and share the dashboards with the organizations at large. The network administrators can gather actionable insights on various KPIs such as network space utilization and DHCP appliance utilization. The network administrators can export the reports in various formats such as PDF, excel spreadsheet, or CSV. Additionally, they have the privilege to schedule the reports for periodic execution, and a global email distribution list can automatically obtain a set of recurring reports. This white paper provides insights on the Address Space Reports – IPv6 Reports.

### **Address Space Reports**

The address space reports are grouped as:

- IPv4 Reports
- IPv6 Reports



IPv6 Reports section is grouped as:

IPv6 Pool Audit



- IPv6 Block Audit
- IPv6 Subnet Audit By Address
- IPv6 Subnet List By Group
- IPv6 Subnet Template
- IPv6 Object Audit

Report Name	IPv6 Pool Audit
Description	This report displays the audit history of the added, modified, deleted IPv6 Pools in the TCPWave IPAM for the selected date range. This report is generated based on the organization, pool status, IPv6 pool addresses.
Grid Data	<ul> <li>Date</li> <li>Time</li> <li>Login Name</li> <li>Pool</li> <li>IPv6 Pool Address</li> <li>Action</li> <li>Status</li> <li>Created On</li> <li>Deleted On</li> <li>Message</li> <li>Description</li> </ul>
Sample Report	IPv6 Pcol Audit         Opprædation*         Pool Stata*         Internal         Active         All         Ø6/15/2022         Ø         20         Image: Status         Ø1         Ø2         Ø2         Ø2         Ø2         Ø2         Ø2         Ø3         Ø3         Ø4         Ø4



Report Name	IPv6 Block Audit
Description	<ul> <li>This report displays the audit history of the added, modified, deleted IPv6 Blocks in the TCPWave IPAM for the selected date range. This report is generated based on the organization, block status, IPv6 block addresses.</li> <li>Date</li> </ul>
Grid Data	<ul> <li>Time</li> <li>Login Name</li> <li>Block Name</li> <li>IPv6 Block Address</li> <li>Action</li> <li>Status</li> <li>Created On</li> <li>Deleted On</li> <li>Message</li> <li>Description</li> </ul>
Sample Report	IPv6 Block Audris         Organization*       Block Status*       Pron Data*       To Data*         Internal       Active       All       O6/21/2022       C         20       C       Dir       Dir       Dir       Dir         20       C       Dir       Dir       Dir       Dir       Dir         20       C       Dir       Dir       Dir       Dir       Dir       Dir         20       C       Dir       Dir       Dir       Dir       Dir       Dir       Dir         20       C       Dir       Dir       Dir       Dir       Dir       Dir       Dir         20       C       Dir       Dir       Dir       Dir       Dir       Dir       Dir         20       C       Dir       Dir       Dir       Dir       Dir       Dir         20       Dir       Dir       Dir       Dir       Dir       Dir       Dir       Dir         30       Dir       Dir       Dir       Dir       Dir       Dir       Dir       Dir         30       Dir       Dir       Dir       Dir       Dir       Dir       Dir

Report Name	IPv6 Subnet Audit By Address
Description	This report displays the audit history of the added, modified, deleted IPv6 subnets in the TCPWave IPAM for the selected date range. It is generated based on the
	<ul><li>organization, IPv6 subnet, mask length.</li><li>Date</li></ul>
Grid Data	• Time



Report Name	IPv6 Subnet Audit By Address
	Login Name
	Subnet Name
	IPv6 Subnet Address
	Subnet Group Name
	Action
	Status
	Created On
	Deleted On
	Message
	IPv6 Subnet Audit By Address
	Organization*         IPv6 Submet         Mask Length*         From Date*         To Date*           Internal          All         8         06/20/2022         06/20/2022         2
Sample Report	Date II Time I Login Name Subnet Name IPv6 Subnet Address Subnet Group Name Domain Action
	Sun-20-2022 12.28.05 Ft twcadm subnet-8625 5000:01::/41 tcpwave.com @ Modily
	Sun-20-2022 12:15:35
	Sun-20-2022 12:11:09 € twcadm subnet-8630 5000:0:60::/41 topwave.com 2 Modify

Report Name	IPv6 Subnet List By Group
	This report provides complete audit information regarding the operations
Description	performed on the subnets list for the selected subnet group within the selected date
	range.
Grid Data	IPv6 Subnet Address
	Name
	• Domain
	Group Name
	Primary Router
	Location
	Template Name



Report Name	IPv6 Subnet List By Group
	VLAN ID
	Description
	Internal     •     All     •     © GENERATE       20     •     •     •     •
Sample Report	IPv6 Subnet Address Name Domain Group Name Primary Router Location Temptale Name VLAN ID Description
	9000.0100: subweb-1416 abby abby com v6_submer_gep 9000.0100:1
	Showing 1 to 1 of 1 entries III III III IIII IIII IIII IIII IIII

Report Name	IPv6 Subnet Template
Description	<ul> <li>This report provides complete audit information regarding operations performed on a specific subnet template or all subnet templates by an administrator.</li> <li>Date</li> </ul>
Grid Data	<ul> <li>Time</li> <li>Login Name</li> <li>Template Name</li> <li>Subnet Type</li> <li>Organization</li> <li>Action</li> <li>Status</li> <li>Created On</li> <li>Deleted On</li> <li>Message</li> </ul>
Sample Report	20 V C D D C O D D C O D D C O D D C O D D C O D D D C O D D D D



Report Name	IPv6 Object Audit
Description	This report provides complete audit information regarding operations performed
Description	a specific IPv6 object or all objects by an administrator.
Grid Data	<ul> <li>Date</li> <li>Time</li> <li>Login Name</li> <li>Administrator</li> <li>IPv6 Object Name</li> <li>IPv6 Object Address</li> <li>Domain</li> <li>Object Type</li> <li>Allocation Type</li> <li>Time To Live</li> <li>Action</li> <li>Description</li> </ul>
Sample Report	100 ∨       C <thc< th=""> <thc< th=""></thc<></thc<>

#### Conclusion

The reporting framework is one of the essential products for any organization. The TCPWave's comprehensive, robust reporting framework provides teams with data to monitor the IT infrastructure, increase productivity, and aid decision-making. It allows the network administrators to analyze data from all network components, including devices, systems, and applications, assess overall performance, and derive comprehensive troubleshooting solutions. The network administrators have the power to manage the entire DDI suite with the most reliable, secure services and the best real-time views – all from a single pane of glass that serves as a single source of truth. For a quick demo, contact the <u>TCPWave Sales Team</u>.