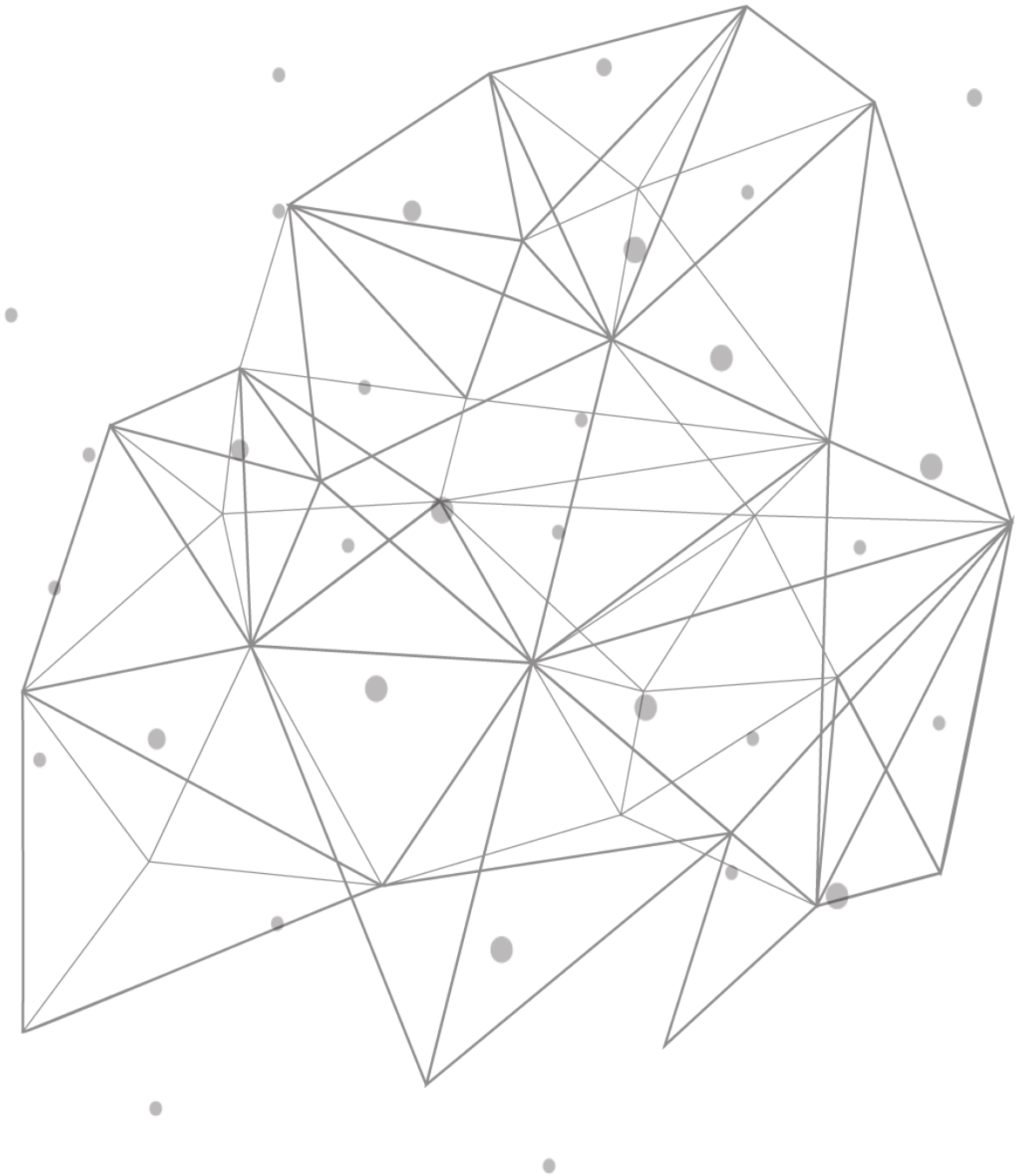
# TCPWave DDI

## 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

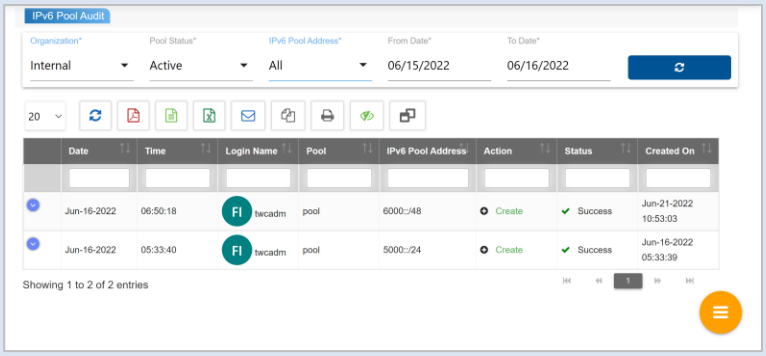
The address space reports are grouped as:

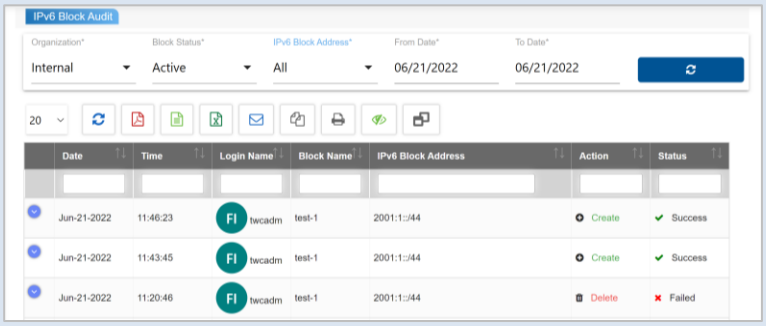
- IPv4 Reports
- IPv6 Reports


IPv6 Reports section is grouped as:

- IPv6 Pool Audit

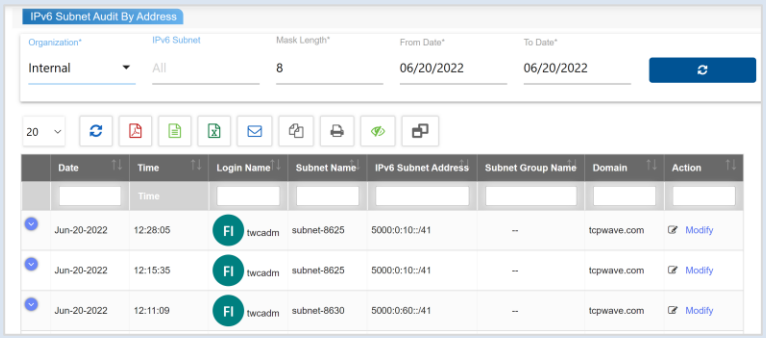
- IPv6 Block Audit
- IPv6 Subnet Audit By Address
- IPv6 Subnet List By Group
- IPv6 Subnet Template
- IPv6 Object Audit

| 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** | • Date<br>• Time<br>• Login Name<br>• Pool<br>• IPv6 Pool Address<br>• Action<br>• Status<br>• Created On<br>• Deleted On<br>• Message<br>• Description |
| **Sample Report** |  |

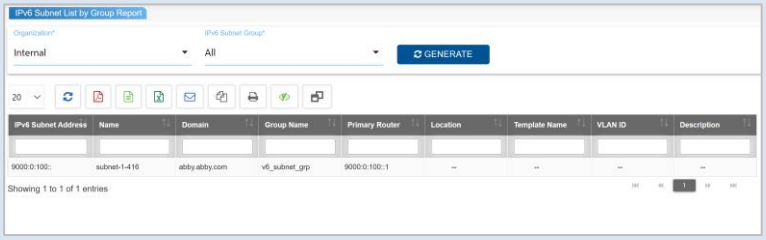
| Report Name | IPv6 Block Audit |
|---|---|
| **Description** | This report displays the audit history of the added, modified, deleted IPv6 Blocks in the TCPWave IPAM for the selected date range. This report is generated based on the organization, block status, IPv6 block addresses. |
| **Grid Data** | • Date<br>• Time<br>• Login Name<br>• Block Name<br>• IPv6 Block Address<br>• Action<br>• Status<br>• Created On<br>• Deleted On<br>• Message<br>• Description |
| **Sample Report** |  |

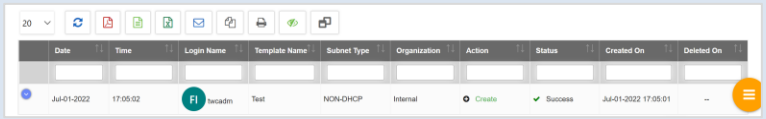


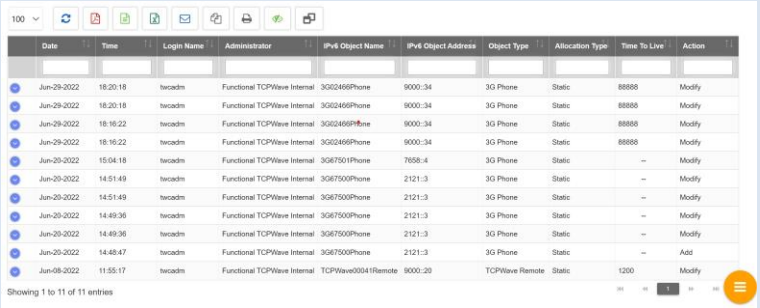
| Report Name | IPv6 Subnet Audit By Address |
|---|---|
| **Description** | This report displays the audit history of the added, modified, deleted IPv6 subnets in the TCPWave IPAM for the selected date range. It is generated based on the organization, IPv6 subnet, mask length. |
| **Grid Data** | •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

| Report Name | IPv6 Subnet Audit By Address |
|---|---|
| | • Login Name<br>• Subnet Name<br>• IPv6 Subnet Address<br>• Subnet Group Name<br>• Action<br>• Status<br>• Created On<br>• Deleted On<br>• Message |
| **Sample Report** |  |

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

| Report Name | IPv6 Subnet List By Group |
|---|---|
| | • VLAN ID<br>• Description |
| **Sample Report** |  |

| Report Name | IPv6 Subnet Template |
|---|---|
| **Description** | This report provides complete audit information regarding operations performed on a specific subnet template or all subnet templates by an administrator. |
| **Grid Data** | • Date<br>• Time<br>• Login Name<br>• Template Name<br>• Subnet Type<br>• Organization<br>• Action<br>• Status<br>• Created On<br>• Deleted On<br>• Message |
| **Sample Report** |  |

| Report Name | IPv6 Object Audit |
|---|---|
| **Description** | This report provides complete audit information regarding operations performed on a specific IPv6 object or all objects by an administrator. |
| **Grid Data** | • Date<br>• Time<br>• Login Name<br>• Administrator<br>• IPv6 Object Name<br>• IPv6 Object Address<br>• Domain<br>• Object Type<br>• Allocation Type<br>• Time To Live<br>• Action<br>• Description |
| **Sample Report** |  |



## 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 TCPWave Sales Team.