# **RBAC Permissions Documentation for DataV**

This document outlines the **minimum requirements** for performing individual actions on each module within the DataV application. Multiple permissions can be assigned simultaneously to provide broader access as needed. Each action specifies the essential permissions required for execution.

## **Dashboard**

* **Create**: Can be assigned independently.
* **Read**: Can be assigned independently.
* **Delete**: Requires **Dashboard Read** permission.
* **Update**: Requires:
  + **Dashboard Read** permission (minimum).
  + **Visualization Read** permission (minimum).

## **Visualization**

* **Create**: Requires **Connector Read** permission.
* **Read**: Can be assigned independently.
* **Update**: Requires:
  + **Visualization Read** permission.
* **Delete**: Requires **Visualization Read** permission.

## **Connector**

* **Create**: Requires **Connector Update** permission.
* **Update**: Requires **Connector Read** permission.
* **Read**: Can be assigned independently.
* **Delete**: Requires **Connector Read** permission.

## **Alert**

* **Create**: Requires:
  + **Connector Read** permission.
  + **Contact Read** permission.
  + **Channel Read** permission.
* **Read**: Can be assigned independently.
* **Update**: Requires:
  + **Alert Read** permission.
  + **Connector Read** permission.
  + **Contact Read** permission.
  + **Channel Read** permission.
* **Delete**: Requires **Alert Read** permission.

## **Report**

* **Create**: Requires:
  + **Dashboard Read** permission.
  + **Contact Read** permission.
  + **Channel Read** permission.
* **Read**: Can be assigned independently.
* **Update**: Requires:
  + **Report Read** permission.
  + **Dashboard Read** permission.
  + **Contact Read** permission.
  + **Channel Read** permission.
* **Delete**: Requires **Report Read** permission.

## **Correlation**

* **Create**: Requires **Connector Read** permission.
* **Read**: Can be assigned independently.
* **Update**: Not available.
* **Delete**: Requires **Correlation Read** permission.

## **User**

* **Create**: Requires **Role Read** permission.
* **Read**: Can be assigned independently.
* **Update**: Requires:
  + **User Read** permission.
  + **Role Read** permission.
* **Delete**: Requires **User Read** permission.

## **Role**

* **Create**: Requires:
  + **Connector Read** permission.
  + **Dashboard Read** permission.
* **Read**: Can be assigned independently.
* **Update**: Requires:
  + **Role Read** permission.
  + **Connector Read** permission.
  + **Dashboard Read** permission.
* **Delete**: Requires **Role Read** permission.

## **Contact**

* **Create**: Can be assigned independently.
* **Read**: Can be assigned independently.
* **Update**: Can be assigned independently.
* **Delete**: Can be assigned independently.

## **Channel**

* **Create**: Can be assigned independently.
* **Read**: Can be assigned independently.
* **Update**: Can be assigned independently.
* **Delete**: Can be assigned independently.

### **Key Notes**

1. **Dependencies**: Permissions often depend on other related permissions. For example:
   * Dashboard actions often depend on **Visualization Read**.
   * Alert actions often depend on **Connector**, **Contact**, and **Channel Read**.
2. **Independent Permissions**: Some permissions can be assigned without dependency, such as **Contact Read**, **Channel Read**, and **Visualization Read**.
3. **Nonexistent Updates**: Certain modules like **Correlation** do not have update actions.