**Key Features of Azure Network Watcher:**

1. **Monitoring Network Performance:**
   * **Connection Monitor:** Allows you to monitor the connection status and network performance between endpoints.
   * **Metrics and Alerts:** Provides metrics on network performance and allows you to set up alerts for specific conditions.
2. **Network Diagnostic Tools:**
   * **Packet Capture:** Captures network traffic for further analysis.
   * **Network Topology:** Visualizes the network topology in your Azure environment.
   * **Next Hop:** Diagnoses the next hop for packets from a virtual machine.
   * **IP Flow Verify:** Verifies IP flow from a virtual machine to the destination.
3. **Log Analysis and Insights:**
   * **Traffic Analytics:** Provides insights into network traffic and security.
   * **NSG Flow Logs:** Logs information about network security group flow.
   * **Diagnostics and Logs Integration:** Integrates with Azure Log Analytics for deeper insights.

**Network Watcher Resource Group (NetworkWatcherRG):**

When you enable Network Watcher in an Azure region, a resource group named "NetworkWatcherRG" is automatically created. This resource group contains the Network Watcher resources for that region.

**Common Use Cases:**

* **Performance Monitoring:** Continuously monitor the network performance of critical applications.
* **Troubleshooting:** Quickly diagnose network issues using diagnostic tools.
* **Security Monitoring:** Analyze traffic patterns for potential security threats.