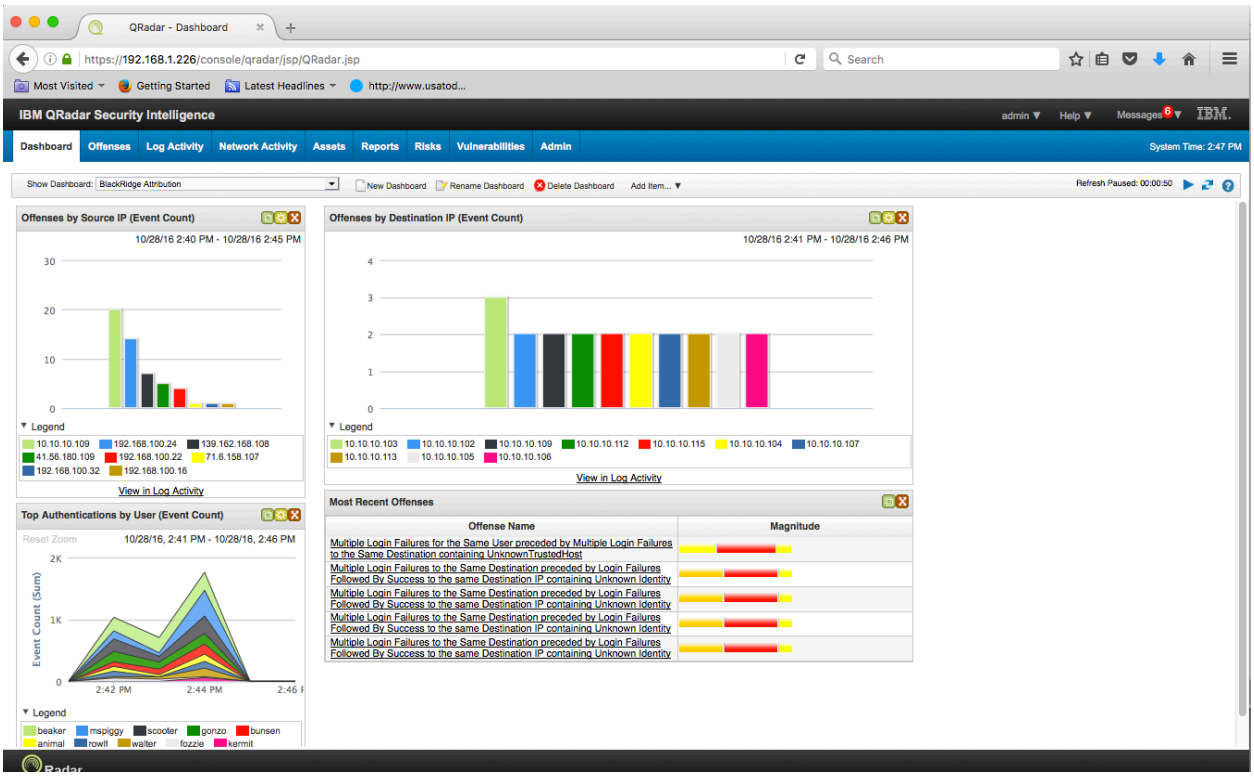
# BlackRidge Application for IBM Security QRadar SIEM

## Introduction

The BlackRidge App for QRadar enables the processing of BlackRidge TAC Gateway Syslog messages about network connection attempts.




Supported QRadar versions:

- 7.2.8

The BlackRidge App for QRadar enables the processing of BlackRidge security messages. This provides identity attribution of unauthorized network connection attempts to QRadar to enable the earliest possible detection, by administrators, of potential breaches, and compromised or rogue insiders and third parties. The app comes with a predefined set of dashboards which provide ready-made graphs for popular Syslog messages from BlackRidge gateways.

## Installation

The following are the prerequisites for installing the BlackRidge App for QRadar:

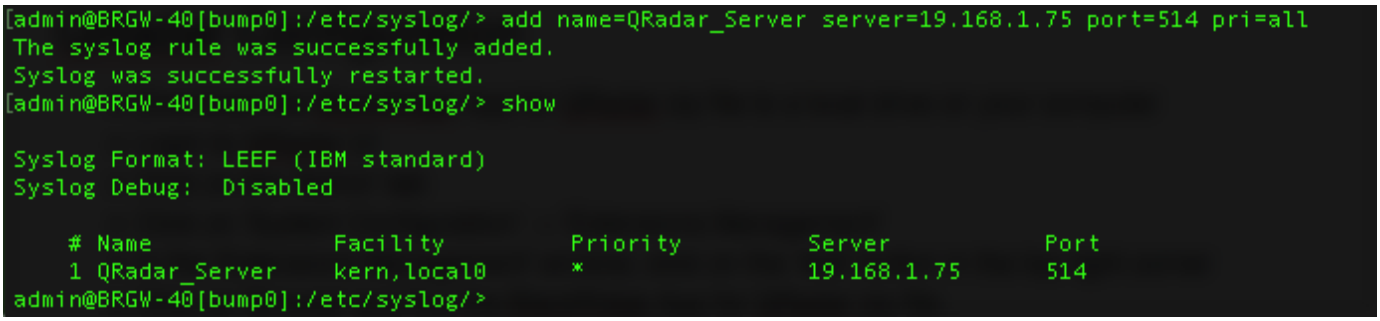
- BlackRidge TAC Gateway v3.0 or higher
- Admin account to BlackRidge TAC Gateway
- QRadar admin username and password

Install the BlackRidge TAC Gateway App for QRadar from IBM App Exchange for QRadar

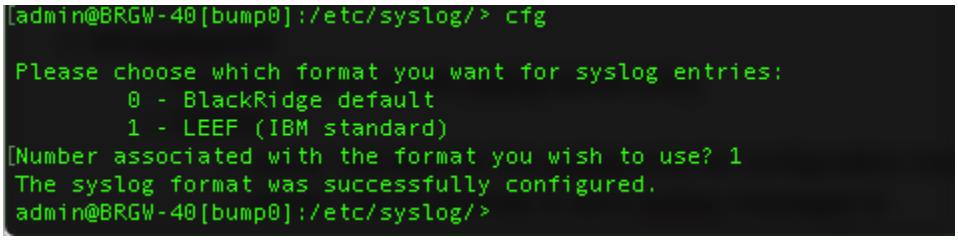
# Gateway Configuration

Run the following steps on your BlackRidge TAC Gateway as the admin user:

- /etc/syslog/add
  - Purpose: Add a remote Syslog server entry
  - Options
    - name - the label for the Syslog entry for configuration management in the BlackRidge Gateway
    - server - the IP address to send Syslog messages to
    - port - the port to send the Syslog messages to (Default is 514)
    - pri - the priority to send - recommend using "all"
  - Example: /etc/syslog/add name=QRadar_Server server=192.168.1.75 port=514 pri=all

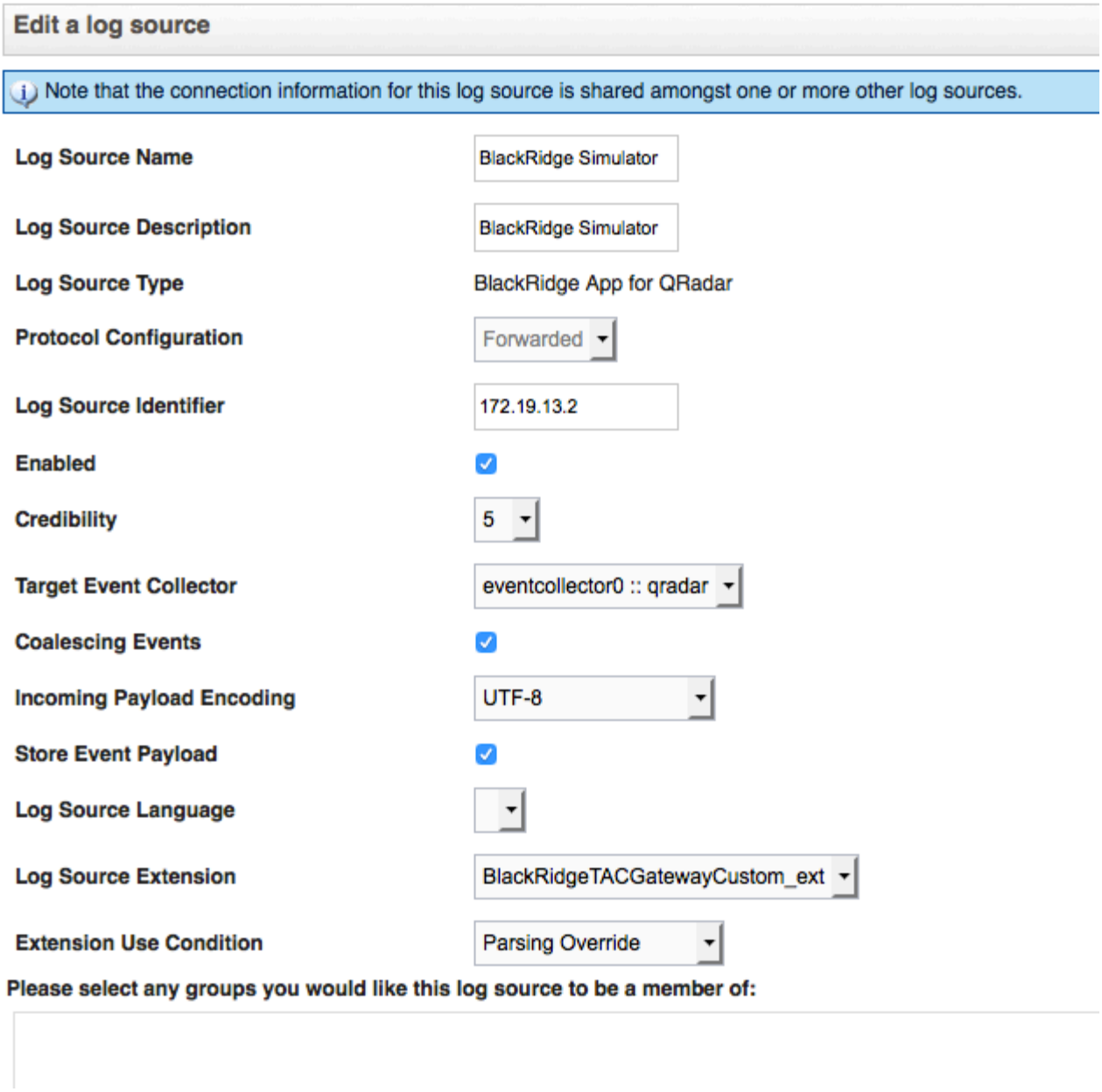



- /etc/syslog/cfg
  - Purpose: Configure the format of the Syslog message
  - Options
    - No options - running this command will prompt a menu
  - Example: /etc/syslog/cfg

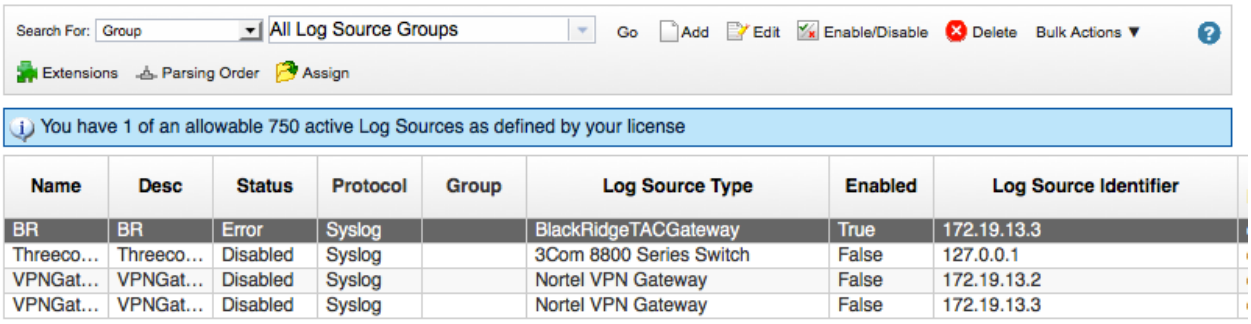



# QRadar Configuration

- Download the BlackRidge App for QRadar zip file to a local drive on your computer
- Login to QRadar UI
- Click on the 'Admin' tab
- Click on 'System Configuration' 'Extensions Management'
- In the 'Extensions Management' window, click on the 'Add' button in the top right corner
- Click on 'Browse' and find the BlackRidge App for QRadar zip file.
- Click on 'Add'
- Review the content that will be installed as part of the extension and click on 'Install'.
- In the 'Admin' tab, click on 'Data Sources' 'Log Sources'
- Click on 'Add'
- Enter the Log Source details as shown in this screenshot

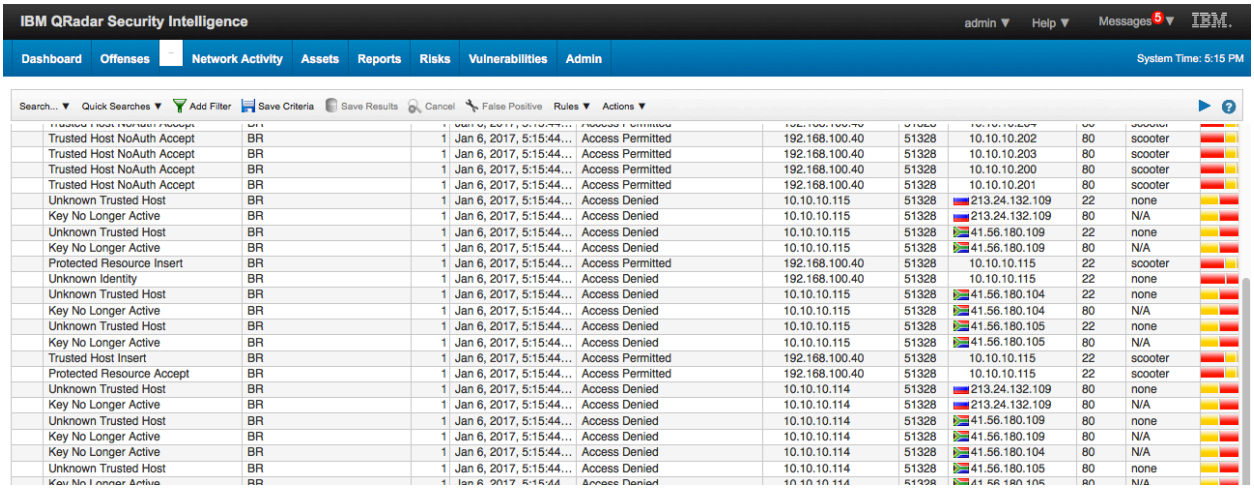



- Change the 'Log Source Identifier' to the IP address of the BlackRidge TAC Gateway or the server running the BlackRidge Syslog Simulator
- Click on 'Save'
- In the 'Log Sources' window, click on the log source you just created and ensure that the "Enabled" field shows True. If it displays 'False', click on the 'Enable/Disable' button to Enable your log source




| Name | Desc | Status | Protocol | Group | Log Source Type | Enabled | Log Source Identifier |
|---|---|---|---|---|---|---|---|
| BR | BR | Error | Syslog | | BlackRidgeTACGateway | True | 172.19.13.3 |
| Threeco… | Threeco… | Disabled | Syslog | | 3Com 8800 Series Switch | False | 127.0.0.1 |
| VPNGat… | VPNGat… | Disabled | Syslog | | Nortel VPN Gateway | False | 172.19.13.2 |
| VPNGat… | VPNGat… | Disabled | Syslog | | Nortel VPN Gateway | False | 172.19.13.3 |

- If your BlackRidge Gateway or simulator is now run with the QRadar IP Address as the Syslog destination, you should start seeing events under 'Log Activity' tab.




| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Trusted Host NoAuth Accept | BR | 1 | Jan 6, 2017, 5:15:44... | Access Permitted | 192.168.100.40 | 51328 | 10.10.10.202 | 80 | scooter |
| Trusted Host NoAuth Accept | BR | 1 | Jan 6, 2017, 5:15:44... | Access Permitted | 192.168.100.40 | 51328 | 10.10.10.203 | 80 | scooter |
| Trusted Host NoAuth Accept | BR | 1 | Jan 6, 2017, 5:15:44... | Access Permitted | 192.168.100.40 | 51328 | 10.10.10.200 | 80 | scooter |
| Trusted Host NoAuth Accept | BR | 1 | Jan 6, 2017, 5:15:44... | Access Permitted | 192.168.100.40 | 51328 | 10.10.10.201 | 80 | scooter |
| Unknown Trusted Host | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 10.10.10.115 | 51328 | 213.24.132.109 | 22 | none |
| Key No Longer Active | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 10.10.10.115 | 51328 | 213.24.132.109 | 80 | N/A |
| Unknown Trusted Host | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 10.10.10.115 | 51328 | 41.56.180.109 | 22 | none |
| Key No Longer Active | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 10.10.10.115 | 51328 | 41.56.180.109 | 80 | N/A |
| Protected Resource Insert | BR | 1 | Jan 6, 2017, 5:15:44... | Access Permitted | 192.168.100.40 | 51328 | 10.10.10.115 | 22 | scooter |
| Unknown Identity | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 192.168.100.40 | 51328 | 10.10.10.115 | 22 | none |
| Unknown Trusted Host | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 10.10.10.115 | 51328 | 41.56.180.104 | 22 | none |
| Key No Longer Active | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 10.10.10.115 | 51328 | 41.56.180.104 | 80 | N/A |
| Unknown Trusted Host | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 10.10.10.115 | 51328 | 41.56.180.105 | 22 | none |
| Key No Longer Active | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 10.10.10.115 | 51328 | 41.56.180.105 | 80 | N/A |
| Trusted Host Insert | BR | 1 | Jan 6, 2017, 5:15:44... | Access Permitted | 192.168.100.40 | 51328 | 10.10.10.115 | 22 | scooter |
| Protected Resource Accept | BR | 1 | Jan 6, 2017, 5:15:44... | Access Permitted | 192.168.100.40 | 51328 | 10.10.10.115 | 22 | scooter |
| Unknown Trusted Host | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 10.10.10.114 | 51328 | 213.24.132.109 | 80 | none |
| Key No Longer Active | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 10.10.10.114 | 51328 | 213.24.132.109 | 80 | N/A |
| Unknown Trusted Host | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 10.10.10.114 | 51328 | 41.56.180.109 | 80 | none |
| Key No Longer Active | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 10.10.10.114 | 51328 | 41.56.180.109 | 80 | N/A |
| Key No Longer Active | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 10.10.10.114 | 51328 | 41.56.180.104 | 80 | N/A |
| Unknown Trusted Host | BR | 1 | Jan 6, 2017, 5:15:44... | Access Denied | 10.10.10.114 | 51328 | 41.56.180.105 | 80 | none |

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