QualiSystems CloudShellTM



1.0.0

Document Release

Jun, 2016

(Rev A.01)

Table of Contents

[Overview 3](#_Toc454283558)

[Installation 4](#_Toc454283559)

[Commands 5](#_Toc454283560)

[Functionality 6](#_Toc454283561)

[Bug fixes 7](#_Toc454283562)

[Known issues 8](#_Toc454283563)

[Legal Notice 9](#_Toc454283564)

# Overview

The Glimmerglass L1 Driver provides CloudShell Resource Manager with the capability to communicate with switches that are part of the Resource Manager inventory.

End users will be able to create routes, configure port settings, and read values from the switch using a Resource Manager client, or the CloudShell API.

The Glimmerglass L1 Driver package includes:

|  |  |  |
| --- | --- | --- |
| File name | File description |  |
| Glimmerglass.exe | MRV MCC driver Used by CloudShell Server | 1.0.0 |
| glimmerglass\_runtime\_configuration.json | JSON file enabling additional configuration interface for the driver |  |
| GlimmerGlassResourceConfiguration.xml | An XML file holding all attribute and capabilities of the L1 switches of the same vendor | 1.0.0 |

The driver is compatible with the following CloudShell versions:

* 5.0 and above

The driver has been certified with the following Glimmerglass Software Version:

* R08.02p007

# Installation

Follow the instructions in the link below for installation:

<http://help.qualisystems.com/Online%20Help/7.0.0.0/Portal/Content/Admn/Cnct-Ctrl-L1-Swch.htm>

In step 7 at the above guide, you will need to copy only one exe file, and instead of the runtimeConfig.xml file please copy the glimmerglass\_runtime\_configuration.json file.

# Commands

|  |  |
| --- | --- |
| Feature | Description |
| MapUni | Creates a uni-directional connection between two ports. |
| MapBidi | Creates a bi-directional connection between two ports. |
| MapClear | Clears any connection ending in this port. |
| MapClearTo | Clears a uni-directional connection between two ports. |

# Functionality

|  |  |
| --- | --- |
| Feature | Description |
| driver\_variable.port\_mode | Type of port mode auto-load: logical (default) or physical |
| driver\_variable.custom\_port\_pairing | Allows to set custom port mapping |

# Bug fixes

|  |  |
| --- | --- |
| Feature | Description |
|  |  |

# Known issues

|  |  |
| --- | --- |
| Feature | Description |
| Initial start | Python L1 driver getting refuse connection when driver starts for the first time. Once driver is running – everything works as expected.  This issue is resolved in CloudShell 7.0 patch 1 and above. |

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