

Transport Protocols and Authentication Methods for RME 3.x Applications

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Introduction

Resource Manager Essentials (RME) is one of the main products in the CiscoWorks family. RME applications such as Availability Manager, NetConfig, and Software Image Management (SWIM) use a variety of transport protocols and authentication methods to interact with network devices.

For example, NetConfig requires a Telnet password or an enable password to interact with network devices in the RME inventory. Config Management (Telnet) requires a Telnet password, enable password, and SNMP read-only community string to interact with network devices.

Prerequisites

Requirements

The information in this document is based on RME 3.x.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

For more information on document conventions, refer to the Cisco Technical Tips Conventions.

Transport Protocol and Authentication Methods

This table provides transport protocol and authentication methods for RME 3.x applications.

Function	Telnet/SSH Password (1)	Enable Password	SNMP-RO Community	SNMP-RW Community
Availability Manager	X	X	X	
Change Audit				
Config Editor	X	X		

Configuration Management (Telnet)	X	X	X	-
Configuration Management (TFTP)	-	-	X	X
Device Views	-	-	-	-
Inventory Manager	-	-	X	-
NetConfig	X	X	-	-
NetShow	X	X	-	-
SWIM	X*	X*	X	X
Syslog Analyzer	-	-	-	-

* Some devices only.

(1) SSH uses the Telnet credentials. In order to use SSH, you need to enter the required Telnet credentials and configure SSH as the primary transport mechanism.

Related Information

- [CiscoWorks Resource Manager Essentials Technical Tips](#)
 - [Cisco Network Management CiscoWorks](#)
 - [Technical Support – Cisco Systems](#)
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